

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
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<i>Version of Excel used:</i> <b>2010</b>	

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-N</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options.  
Add lines as needed

<b>CVI Inspection</b>
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#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$ 115.00</b>
Body Shop Rate	<b>\$ 115.00</b>

#### Description

Non-insulated, side mounted 28 ft. 7 in. telescopic aerial lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Upper electric controls, mounted at end of inner boom, including master control and emergency stop.
- 3 Pedestal mounted electric lower controls including override.
- 4 Engine start/stop controls at platform and lower controls (requires 2 slip rings).
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Heavy duty aluminum inner boom.
- 8 Ground access turret providing boom articulation from 14 degrees below horizontal to 74 degrees above horizontal.
- 9 Multi-link hose carrier system through booms.
- 10 Non-lube bearings used at all pivot points.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 12 Gravity-leveled, duck under 24 in. x 24 in. x 42 in. side mounted fiberglass platform with opening towards the pedestal.
- 13 Boom cradle and ratchet type tie down strap.

- 14 Mounting hardware for chassis installation (specify make/model and cab to axle dimension).
- 15 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 16 PTO and pump
- 17 Standard white urethane paint.
- 18 Two operator's manuals and two service manuals (in English).
- 19 ANSI A92.2 data plate.
- 20 Non-returnable skid for flatbed shipment.
- 21 Two Slope Indicators with decals.
- 22 Standard installation of aerial & body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	7500 lbs.

GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	TEL-29-N	Standard TEL-29-N telescopic aerial device	\$22,525.00
<b>Platform Support</b>			
1	PS-1210-1	Platform support with gravity leveling is standard	Standard
	PS-1210-3	Platform support with hydraulic leveling	\$ -
<b>Platform Options</b>			
1	FB-1520-7	Duck-Under, 24x24x42 Inch Tall, Open To Pedestal, Std chassis mo	Standard
	FB-1520-6	Duck-Under, 24x24x42	\$ -
	FB-1520-11	Duck-Under, 24x30x42 Inch Tall, Open To Pedestal	\$205.00
	SA-1520-6	Duck-Under, 24x24x42 Inch Tall, Open To Pedestal, Cavity To Curb	\$220.00
	SA-1520-7	Duck-Under, 24x24x42 in, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1520-5	Duck-Under 24x30x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$425.00
	SA-1520-8	Duck-Under 24x24x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$220.00
	PB-1520-2	Duck-Under, 24x24x42 Inch Tall, Open To Pedestal	\$52.00
	PB-1520-3	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	PB-1520-1	Plastic, Duck-Under, 24x30x42 Inch Tall, Open To Pedestal	\$205.00
	FB-1510-6	Walk-In 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	FB-1510-7	Walk-In 24x30x 42 Inch Tall, Open To Pedestal	\$205.00
	FB-1510-37	Walk-In 24x30x42 Inch Tall, Open To Curb Side (open on long side)	\$205.00
	SA-1510-5	Walk-In 24x24x42 Inch Tall, Open Pedestal, Cavity To Rear	\$220.00
	SA-1510-4	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1510-6	Walk-In 24x30x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$425.00
	SA-1510-3	Rotating platform, Walk-In 26 in dia x 39 in (Requires Hydraulic Level	\$1,055.00
	FB-99	Closed, 24x24x42 Inch Tall, 1 Step To Pedestal	\$52.00
	FB-100	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-107	Closed, 24x24x42 Inch Tall, 1 Step To Rear, 1 Low Step To Curb Sid	\$156.00
	SB-35	Steel, Open To Pedestal, Left Hinge Door, Tool Hook	\$1,341.00
	SB-36	Steel, Open To Pedestal, Right Hinge Door, Tool Hook	\$1,341.00
	SB-37	Steel, Open To Pedestal, Left Hinge Door	\$1,341.00
	SB-38	Steel, Open To Pedestal, Right Hinge Door	\$1,341.00
	SB-39	Steel, Open To Curb Side, Left Hinge Door, Tool Hook	\$1,341.00
	SB-40	Steel, Open To Curb Side, Right Hinge Door, Tool Hook	\$1,341.00

SB-41	Steel, Open To Curb Side, Left Hinge Door	\$1,341.00
SB-42	Steel, Open To Curb Side, Right Hinge Door	\$1,341.00
Delete	Delete Standard Platform and Spine	-\$665.00
<b>Platform Tools</b>		
1 PW-1210-1	GFCI receptacle for 120v Power at Platform, (requires slip ring, 3 pas	\$186.00
AL-1210-2	Pneumatic Circuit, (airline) to Platform	\$124.00
<b>Leveling Options</b>		
1 Gravity level	Gravity leveling is standard	Standard
0 LO-1210-8	Hydraulic Leveling w/ electric actuation, (requires slip ring, 2 passes)	\$850.00
<b>Platform Accessories</b>		
CB-2	Platform cover, nylon/vinyl,	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
SA-1530-9	Tent and top, 24 square	\$767.00
SA-117	Tent/top round rotating splicing platform	\$767.00
SA-12	Tool pouch accessory cavity mtd.	\$41.00
SA-17	Work tray w/ mounting	\$122.00
SA-58	Door tool pouches, ships loose	\$82.00
SA-61	120v Heater-Universal	\$401.00
SA-72	240v Heater-Universal mount	\$401.00
SA-74/75	Fold down seat w/hardware	\$106.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00
TO-3	Polyethylene tool tray 7in.x15in.x17in.	\$220.00
<b>Rotation Options</b>		
1 RO-27	Standard is Electric Rotation Stop	Standard
RO-1210-XX	Continuous Rotation (lift requires 11 slip rings)	\$483.00
<b>Platform Capacities</b>		
1 CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
CA-853	Increased platform capacity to 350 lbs. (160kg)	\$ -
<b>Pedestal Options</b>		
1 P-1210-1	Standard 41 in. tall pedestal	Standard
P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00
P-1210-7/10	Bridgemount pedestal for transverse compartment (55 in. Tall). With full generator shelf	\$598.00
P-1210-	Bridgemount pedestal for transverse compartment (55 in. Tall). With short generator shelf	\$598.00
<b>Lower Control Options</b>		
1 C-1210	Lower controls located on pedestal	Standard
C-1210	Remote lower control box with 30 ft. of cord	\$300.00
C-1210	Remote hand-held lower controls with 30 ft. of cord	\$300.00
<b>2 Speed Control Options</b>		
CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$610.00
CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$875.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
CT-12/13	Intl. chassis. No CT option	\$525.00
CT-1400-13	2005 + Ford F350/450/550	\$565.00
CT-1400-39	2011 + Ford F350/450/550	\$635.00
CT-1400-52	2014+ Dodge Gas or	\$650.00

CT-1400-7/24/ 25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00
<b>Auto Throttle Control Options</b>		
CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$684.00
CT-1400-12	2005 + Ford F350/450/550	\$675.00
CT-1400-38	2011 + Ford F350/450/550	\$671.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00
<b>Control Circuit Options</b>		
EL-1210-1	Emergency Lowering with electric solenoid valve and switches at upper and lower control stations (requires 1 slip ring)	\$212.00
EL-1210-10	Emergency lowering valve for lower boom only. Manual needle valve is located at cylinder	\$285.00
EL-1210-6	Emergency lowering valve for lower boom only. Manual needle valve is located at upper controls	\$293.00
EP-1210-4/5	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$719.00
0 LT-1210-2	Lift throttle (included with throttle control)	\$30.00
1 SS-44/45	Standard 12V start/stop (requires 2 slip ring)	Standard
Delete	Delete engine start/stop	(\$44.00)
61006-2	Extra 18/19 wire cable	\$230.00
68143-1	12V/24V Converter	\$805.00
Y1700	24 Volt coils for electric/hydraulic control valve	\$283.00
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>		
0 4382-6	Collector ring, 20-pass	\$958.00
1 Not Required	Slip Rings not required	\$ -
<b>Misc. Options</b>		
22011/22012	Extra Operators and Service Manual, ( English)	\$92.00
BC-1230-3	Rubberized Boom Cradle	\$ -
HR-5	120 Volt hour meter	\$98.00
HR-6	12 Volt hour meter	\$98.00
LE-7	Lift Eye	\$85.00
PC-4	Upper control cover	\$60.00
PS-11	Tubular rubber platform support 23 in. high	\$69.00
PS-922	Tubular rubber platform support 5 in. high	\$34.00
RE-1260-3	Remote 30 gal. (115l) hydraulic oil reservoir (in lieu of standard integral reservoir)	\$1,710.00
SD-1200-11	Body belt and lanyard	\$103.00
SD-1200-48	Full body harness and lanyard	\$205.00
SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
TS-1210-10/11/12	Manual 2 -Speed Control System, Normal and Low (Requires 1 Slip Ring & add'l. valve)	\$760.00
TS-1210-7/8/9	Variable Speed Control System, (Requires 1 Slip Ring & add'l. valve)	\$1,014.00
Delete	Delete Mounting Hardware	(\$96.00)
<b>Paint Options</b>		
1 Std. White	Standard white urethane	Standard
6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
6 mil Urethane	Special Color Urethane (specify color code)	\$523.00
Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
	Base coat/clear coat. Metallic.	Not Available
<b>Underframe Torsion</b>		
TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00

TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,132.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,270.00
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,118.00
<b>Over Frame Torsion</b>		
TB-47	Overframe Torsion Bar	\$915.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,265.00
TB-1400-18	Overframe Torsion Bar	\$1,055.00
TB-1400-24	Overframe Torsion Bar 2011+ Ford F-350	\$947.00
TB-1400-26	Overframe Torsion Bar 2012+ GM-3500HD	\$926.00
<b>Outriggers (Include two control valves)</b>		
OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,025.00
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,025.00
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,025.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,025.00
<b>Outrigger Valves &amp; Interlock</b>		
0 VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0 VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
<b>Power Sources</b>		
GN-1210-1	5.5 Onan gasoline generator with hydraulic pump (requires fuel pump). Does not include batteries	\$3,553.00
GN-1210-2	7.0 Onan gasoline generator with hydraulic pump (requires fuel pump). Does not include batteries	\$5,058.00
HYD-1210-18	Hydraulic pump for generator mount.	\$269.00
MH-1210-1	Generator mounting hardware for pedestal. Includes fuel hose, two mounting channels, and exhaust flange.	\$89.00
MH-1210-2	Generator mounting hardware for bridgemount. Includes fuel hose and exhaust flange.	\$49.00
HS-1210-1	12 Volt DC drive including pump,motor with solenoid. (without batteries and enclosure) Typically mounts in pedestal	\$1,398.00
HS-1200-1	Single speed 12V DC drive system. Includes standard aluminum enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gear gpm pump, and dri-dek, 2 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries .	\$4,161.00
HS-1200-2	Single speed 12V DC drive system. Includes standard enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm gear pump, and dri-dek. Does NOT include batteries.	\$2,618.00
BY-1200-3	Plug in 120V AC to 12V DC charger. 25 amp.	\$554.00
GK-1200-1	12V DC Battery Gauge	\$135.00
EC-1200-3	Auto Start Module (auto engine start).	\$1,240.00
<b>Extended Warranty</b>		
EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

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Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Non-insulated, end mounted 29 ft. 5 in. telescopic aerial lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform, interior mounted electric controls including master control and emergency stop.
- 3 Pedestal mounted electric lower controls including override.
- 4 Engine start/stop controls at platform and lower controls.
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Heavy duty aluminum inner boom.
- 8 Ground access turret providing boom articulation from 14o below horizontal to 74o above horizontal.
- 9 Multi-link hose carrier system through booms.
- 10 Non-lube bearings used at all pivot points.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 12 Duck under 24 in. x 24 in. x 42 in. end mounted fiberglass platform with curbside opening.
- 13 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 14 Boom cradle and ratchet type tie down strap.
- 15 Mounting hardware for chassis installation (specify make/model and cab to axle dimension).
- 16 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 17 PTO & pump
- 18 Standard white urethane paint.

- 19 Two operator's manuals and two service manuals (in English).
- 20 ANSI A92.2 data plate.
- 21 Two Slope Indicators with decals.
- 22 Standard installation of aerial and body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	7500 lbs.
GAWR1	14500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	TEL-29-NE	Standard TEL-29-NE telescopic aerial device	\$24,328.00
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**Upper Controls**

1	C-1210-48/59	Upper controls mounted on inside of platform	Standard
	C-1210-49/50/51/60/61/62	Upper controls mounted outside of platform	\$138.00

**Platform Support**

1	PS-1210-6/8	Standard fixed platform support	Standard
	PS-1210-31	Manual 180 degree positioner for 24"/30" platform	\$540.00

**Platform Options**

1	FB-1520-14	Standard, Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	Standard
	FB-1520-18	Duck-Under 24x30x42 Inch, Open Towards Curb Side	\$205.00
	FB-1520-15	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$52.00
	FB-1520-16	Duck-Under, 24x24x42 Inch Tall, Open To Street Side	\$52.00
	SA-1520-2	Duck-Under 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1520-1	Duck-Under 24x30x42 Inch, Open To Curb Side, Cavity To Street Side	\$425.00
	FB-1510-9	Walk-In, 24x24x42 Inch Tall, Open To Street Side	\$52.00
	FB-1510-10	Walk-In, 24x24x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$52.00
	FB-1510-11	Walk-In 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	FB-1510-31	Walk-In 24x24x42 Inch Tall, Open To Rear (use with rotator if stowed to curb side)	\$52.00
	FB-1510-16	Walk-In 24x30x42 Inch Tall, Open To Curb Side	\$205.00
	FB-1510-17	Walk-In 24x30x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$205.00
	FB-1510-34	Walk-In 24x30x42 Inch Tall, Open Opposite ribs	\$205.00
	SA-1510-10	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1510-11	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear (8" Lower platform height)	\$220.00
	SA-1510-8	Walk-In, 24x24x42 Inch Tall, Open To Street Side (8" Lower platform height)	\$52.00
	SA-1510-9	Walk-In, 24x24x42 Inch Tall, Open To Street Side, Cavity To Rear	\$220.00
	SA-1510-17	Walk-In 24x30x42 Inch, Open To Curb Side, Cavity To Street Side	\$425.00
	SA-1510-20	Walk-In 24x30x42 Inch, Open To Curb Side, Cavity Opposite ribs	\$425.00
	FB-1510-15	Export Only, Walk-In 24x42x42 Inch, Open To Curb Side	Export
	FB-108	Closed, 24x24x42 Inch Tall, 1 Step Curb Side	\$156.00

FB-94	Closed, 24x24x41 1/4 Inch Tall, 1 Step Curb Side, 1 Flat Step Bottom Rib Side	\$279.00
FB-96	Closed, 24x30x42 Inch Tall, 1 Step Curb Side, 1 Flat Step Bottom Rib Side	\$308.00
SB-43	Steel, Open To Curb Side, Left Hinge Door, Tool Hook	\$1,341.00
SB-44	Steel, Open To Curb Side, Right Hinge Door, Tool Hook	\$1,341.00
SB-45	Steel, Open To Curb Side, Left Hinge Door	\$1,341.00
SB-46	Steel, Open To Curb Side, Right Hinge Door	\$1,341.00
<b>Platform Tools</b>		
AL-1210-2	Pneumatic circuit (airline) to platform	\$124.00
1 PW-1210-1	GFCI receptacle for 120V power at platform, (requires 3 slip rings)	\$186.00
<b>Platform Accessories</b>		
CB-2	Platform cover, nylon/vinyl, 24 square	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30	\$147.00
SA-12	Tool pouch accessory cavity mtd.	\$41.00
SA-17	Work tray w/ mounting	\$122.00
SA-58	Door tool pouches (shipped loose)	\$82.00
SA-61	120v Heater-Universal mount	\$401.00
SA-72	240v Heater-Universal mount	\$401.00
SA-75	Fold down seat (square platform)	\$106.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
SA-1530-8	24 x 30 Transparent tent & top	\$871.00
SA-1530-10	24 square Transparent tent & top	\$767.00
TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Rotation Options</b>		
1 RO-27	Standard is Electric Rotation Stop	Standard
RO-1210-XX	Continuous Rotation, (lift requires 11 slip rings)	\$483.00
<b>Platform Capacities</b>		
1 CA-900	Standard platform capacity of 300 lbs.	Standard
CA-853	Increased platform capacity to 350 lbs.	\$ -
<b>Pedestal Options</b>		
1 P-1210-1	Standard 41 in. tall pedestal	Standard
P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00
P-1210-9	Bridge mount pedestal for transverse compartment	\$548.00
<b>Lower Control Options</b>		
1 C-1210-53	Lower controls located on pedestal	Standard
C-1210-52	Remote lower control box with 30 ft. of cord	\$300.00
C-1210-56	Remote handheld lower controls with 30 ft. of cord	\$300.00
<b>2 Speed Control Options</b>		
CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$610.00
CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$875.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00

CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$565.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$684.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00

#### Control Circuit Options

EL-1210-1/8	Emergency Lowering with electric solenoid valve and switches at upper and lower control stations (requires 1 slip ring)	\$212.00
EL-1210-7	Emergency lowering valve for lower boom only. Manual needle valve is located at upper controls	\$293.00
EL-1210-10	Emergency lowering valve for lower boom only. Manual needle valve is located at cylinder	\$285.00
EP-1210-4/5	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$709.00
0 LT-1210-2	Lift throttle (included with throttle control)	\$30.00
1 SS-44/45	Standard 12V start/stop (requires 2 slip rings)	Standard
-	Start/stop 24V in lieu of standard 12V (requires 1 slip ring)	\$75.00
Delete-SS	Delete engine start/stop	(\$44.00)
61006-2	Extra 18/19 wire cable	\$230.00
68143-1	12V/24V converter	\$805.00

#### Collector Ring Options (Collector ring is only needed in conjunction with continuous rotation)

0 4382-6	Collector ring, 20-pass	\$958.00
1 Not Required	Slip Rings not required	\$ -

#### Misc. Options

22011/22012	Extra Operators and Service Manual, ( English)	\$92.00
BC-1230-3	Rubberized boom cradle	\$ -
HR-5	120 Volt hour meter	\$98.00
HR-6	12 Volt hour meter	\$98.00
PS-11	Tubular rubber platform support 23 in. high	\$69.00
PS-922	Tubular rubber platform support 5 in. high	\$34.00
	Remote 30 gal. (115l) hydraulic oil reservoir, (in lieu of std. Integral reservoir)	
RE-1260-3		\$1,710.00
SD-1200-11	Body belt and lanyard	\$103.00
SD-1200-48	Full body harness and lanyard	\$205.00
SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
TS-1210-10	Manual 2 -Speed Control System, Normal and Low (requires 1 slip ring)	\$760.00
TS-1210-7	Variable speed control system (requires 1 slip ring & pltfm support w/outside controls)	\$1,014.00
Delete	Delete Mounting Hardware	(\$96.00)

#### Paint Options

1 Std. White	Standard white urethane	Standard
6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
6 mil Urethane Special	Special Color Urethane (specify color code)	\$523.00
Not Available	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Special red, chrome colors, or Imron 5000	Consult factory
	Base coat/clear coat. Metallic.	Not Available

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00
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TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,132.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,270.00
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,118.00
<b>Over Frame Torsion</b>		
TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$915.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level Ride)	\$1,265.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,055.00
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350	\$947.00
<b>Outriggers (Include two control valves)</b>		
OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,025.00
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,025.00
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,025.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,025.00
<b>Outrigger Valves &amp; Interlock</b>		
0 VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0 VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
<b>Power Sources</b>		
GN-1210-1	5.5 Onan gasoline generator with hydraulic pump (requires fuel pump). Does not include batteries	\$3,553.00
GN-1210-2	7.0 Onan gasoline generator with hydraulic pump (requires fuel pump). Does not include batteries	\$5,058.00
HYD-1210-18	Hydraulic pump for generator mount.	\$269.00
MH-1210-1	Generator mounting hardware for pedestal. Includes fuel hose, two mounting channels, and exhaust flange.	\$89.00
MH-1210-2	Generator mounting hardware for bridgemount. Includes fuel hose and exhaust flange.	\$49.00
HS-1210-1	12 Volt DC drive including pump, motor with solenoid. (without batteries and enclosure) Typically mounts in pedestal	\$1,398.00
HS-1200-1	Single speed 12V DC drive system. Includes standard aluminum enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gear gpm pump, and dri-dek, 2 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries .	\$4,161.00
HS-1200-2	Single speed 12V DC drive system. Includes standard enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm gear pump, and dri-dek. Does NOT include batteries.	\$2,618.00
BY-1200-3	Plug in 120V AC to 12V DC charger. 25 amp.	\$554.00
GK-1200-1	12V DC Battery Gauge	\$135.00
EC-1200-3	Auto Start Module (auto engine start).	\$1,240.00
<b>Extended Warranty</b>		
EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, side mount 29 ft. 7 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Boom mounted upper controls at platform including emergency stop control.
- 3 Pedestal mounted electric lower controls with override.
- 4 Engine start/stop controls at platform and lower controls (requires 2 slip rings).
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD provide 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 Boom articulation from 8o below horizontal to 80o above horizontal.
- 10 Multi-link hose carrier system through booms.
- 11 Non-lube bearings used at all pivot points.
- 12 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 13 Closed 24 in. x 24 in. x 42 in. fiberglass platform with one step to the pedestal.
- 14 Gravity leveling is standard.
- 15 Boom cradle and ratchet type tie down strap.
- 16 Mounting hardware for chassis installation (specify make/model).
- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 18 PTO and pump

- 19 Standard white urethane paint.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 23 Two Slope Indicators and decals.
- 24 Standard installation of aerial & body

**Recommended Chassis Mounting with Torsion Bar:**

Minimum Cab to Rear Axle Dimensions	60 in.
Approximate Curb Weight for Stability	7500 lbs.
GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

**Recommended Van**

Minimum Wheelbase	125 to 138 in.
Approximate Curb Weight for Stability	6500 lbs.
	Gas                  Diesel
GAWR1	9,400 lbs.      9,500 lbs.
GAWR2 (Front)	4,200 lbs.      4,600 lbs.
GAWR2 (Rear)	5,400 lbs.      6,340 lbs.

Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery required.

1	TEL-29-I	Standard TEL-29-I telescopic aerial device	\$25,905.00
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**Platform Support**

1	PS-1210-14	Standard platform support with gravity leveling	Standard
	PS-1210-16	Platform support with hydraulic leveling	

**Platform Options**

1	FB-77	Standard, Closed, 24x24x42 Inch Tall, 1 Step To Pedestal	Standard
	FB-52	Closed, 24x24x42 Inch Tall, 1 Wide Step To Pedestal	\$52.00
	FB-106	Closed, 24x24x42 Inch Tall, 1 Step To Rear	\$52.00
	FB-130	Closed, 24x24x42 Inch Tall, 2 Steps To Pedestal	\$156.00
0	FB-168	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side (Suggested for Van mounted TEL)	\$156.00
	FB-1520-23	Duck-Under 24x24x42 Inch Tall, Open To Pedestal (requires door)	\$52.00
	FB-1520-25	Duck-Under 24x24x42 Inch Tall, Open To Curb Side (requires door)	\$52.00
	FB-1520-26	Duck-Under, 24x24x42 Inch Tall, Open To Rear (requires door)	\$52.00
	SA-1520-4	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear (requires door)	\$220.00
	FB-1510-22	Walk-In, 24x24x42 Inch Tall, Open To Rear (requires door)	\$52.00
	SA-1510-12	Walk-In, 24x24x42 Inch Tall, Open To Rear, Cavity To Pedestal (requires door)	\$220.00
	SA-1510-13	Walk-In, 23 in sq x 42 Inch Tall, Open To Curb Side, Cavity To Rear (requires door)	\$220.00
	Delete	Delete Standard Platform	-\$729.00

**Platform Tools**

HP-68	Hydraulic tool circuit to the platform providing up to 5 gpm (18.9 lpm) flow (throttle control or larger pump required)	\$629.00
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**Platform Leveling**

0	LO-1210-12	Hydraulic leveling, requires 2 slip rings	\$850.00
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**Platform Accessories**

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Rotation Options

1	RO-27	Standard is Electric Rotation Stop	Standard
	RO-1210-XX	Continuous rotation - requires slip ring assembly (Lift and start/stop require 9 slip rings)	\$483.00

#### Platform Capacities

1	CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
	CA-853	Increased platform capacity to 350 lbs. (160kg)	

#### Pedestal Options

1	P-1210-1	Standard 41 in. tall pedestal	Standard
	P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00

#### Van Pedestal Options

	P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans	\$1,535.00
	P-1210-18	Taller van mount pedestal providing additional 4 in. (176mm) clearance above van roof, riser, and mounting hardware for Ford vans (55 in)	\$1,535.00
	P-1210-6	Standard van mount pedestal and adjustable pedestal riser which can be modified to provide from 15-1/2 in. (395 mm) to 39 in. (1.0 m) additional height, with mounting hardware, for step vans	\$1,535.00
	WG-5/6	Van rear window guard for Ford or GM vans	\$103.00
	BE-1400-1	Steel bumper extension with stop light and built in wheel chock holders	\$712.00
	BE-1400-X	Aluminum bumper extension with stop light and built in wheel chock holders	\$1,124.00

#### Lower Control Options

1	C-1210-64	Lower controls located on pedestal	Standard
	C-1210-63	Remote lower control box	\$230.00
	C-1210-65	Remote handheld lower controls (Required with van configuration)	\$230.00

#### Priority Flow Control Options

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

#### 2 Speed Control Options

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$576.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$842.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$817.00

CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$490.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$531.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$603.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$618.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$659.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$640.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$636.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$507.00

#### Control Circuit Options

	CC-6	Extra control circuit (requires 1 slip ring)	\$146.00
	EL-1210-3	Emergency lowering system (requires 2 slip rings)	\$212.00
	EP-1210-9	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$816.00
0	LT-1210-5	Lift throttle (included with throttle control)	\$67.00
1	SS-46/47/48/49	Standard 12V start/stop (requires 1 slip ring)	Standard
	Delete-SS	Delete engine start/stop	(\$117.00)

#### Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)

	Not Avail.	Extra slip Rings Required	
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
	Not Required	Slip Rings not required	

#### Misc. Options

	22001/22002	Extra Operators and Service Manual, ( English)	\$92.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	PS-11	Rubber Tube platform rest (23 in. max)	\$69.00
	PS-922	Rubber Tube platform rest (5 in.)	\$34.00
	RE-1260-3	Remote 30 gal. (115l) hydraulic oil reservoir, (in lieu of std. Integral reservoir)	\$1,655.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	TS-1210-13/14	Manual two speed control system (normal & low speed - requires 1 slip ring)	\$760.00
	Delete	Delete pedestal mounting hardware	(\$96.00)
	OB-1210-5	Delete ELECTROGARD	(\$819.00)

#### Paint Options

1	Std. White	Standard white urethane	
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special color urethane (specify color code)	\$523.00
	6 mil Urethane	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,046.00

Special  
Not Available

Special red, chrome colors, or Imron 5000  
Base coat/clear coat. Metallic.

**Underframe Torsion**

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,074.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,107.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,240.00
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,092.00

**Over Frame Torsion**

TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level-Ride)	\$1,240.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,030.00
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350	\$922.00

**Outriggers (Include two control valves and a selector)**

OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$3,914.00
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$3,914.00
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$3,914.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$3,914.00

**Outrigger Control Valves**

0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

**Power Sources**

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump). Does not include batteries	\$3,499.00
GN-1210-2	7.0 Onan gasoline generator (requires fuel pump). Does not include batteries	\$4,905.00
HS-1210-2	12 Volt DC drive including pump. Does not include batteries	\$1,398.00

**Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-EI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

##### SEE SPECIAL TERMS AND CONDITIONS - NO FLAT RATE ALLOWED

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, end mount 30 ft. 3 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Boom mounted upper controls at platform including emergency stop control.
- 3 Pedestal mounted electric lower controls with override.
- 4 Engine start/stop controls at platform and lower controls (requires 2 slip rings).
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD provide 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 Boom articulation from 8o below horizontal to 80o above horizontal.
- 10 Multi-link hose carrier system through booms.
- 11 Non-lube bearings used at all pivot points.
- 12 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. . capacity.
- 13 Closed heavy duty one step 24 in. x 24 in. x 42 in. fiberglass platform.
- 14 Gravity leveling is standard on TEL-29-I. The TEL-29-EI includes master/slave hydraulic leveling.
- 15 Boom cradle and ratchet type tie down strap.
- 16 Mounting hardware for chassis installation (specify make/model).
- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 18 Standard white urethane paint.
- 19 Two operator's manuals and two service manuals (in English).
- 20 ANSI A92.2 data plate.
- 21 Two Slope indicators and decals.
- 22 Spring loaded bucket rest
- 23 PTO and pump
- 24 Standard installation of aerial and body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Approximate Curb Weight for Stability	7500 lbs.
GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

Recommended Van

Minimum Wheelbase	125 to 138 in.	
Approximate Curb Weight for Stability	6500 lbs.	
	Gas	Diesel
GAWR1	9,400 lbs.	9,500 lbs.
GAWR2 (Front)	4,200 lbs.	4,600 lbs.
GAWR2 (Rear)	5,400 lbs.	6,340 lbs.

Minimum Frame Section Modulus	5.4in3
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery required.

1	TEL-29-EI	Standard TEL-29-EI telescopic aerial device	\$28,211.00
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**Platform Support**

1	PS-1210-18	Standard platform support	Standard
	PS-1210-33	Platform support with 180 degree platform positioner	\$715.00

**Platform Options**

1	FB-110	Standard, Closed 24x24x42 Inch, 1 Step To Curb Side	Standard
	FB-48	Closed, 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
	FB-93	Closed, 24x24x42 In Tall, With 1 Flat Bottom Step To Pedestal & 1 Step To Curb Side	\$156.00
	FB-95	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side, 1 Flat Bottom Step To Pedestal	\$308.00
	FB-911	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side	\$205.00
	FB-1520-15	Duck-under, 24x24x42 Inch Tall, Open To Curb Side (requires door)	\$52.00
	FB-1510-17	Walk-In, 24x30x42 Inch Tall, Open To Curb Side (requires door)	\$205.00
	SA-1510-11	Walk-In, 24x24x42 Inch Tall Open To Curb Side, Cavity To Rear (requires door)	\$220.00

**Platform Tools**

HP-68	Hydraulic tool circuit to the platform providing up to 5 gpm (18.9 lpm) flow (throttle control or larger pump required)	\$629.00
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**Platform Accessories**

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00

LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Rotation Options

1	RO-27	Standard is Electric Rotation Stop	Standard
	RO-1210-XX	Continuous rotation - requires slip ring assembly (Lift and start/stop require 11 slip rings)	\$483.00

#### Platform Capacities

1	CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
	CA-853	Increased platform capacity to 350 lbs. (160kg)	-

#### Pedestal Options

1	P-1210-1	Standard 41 in. tall pedestal	Standard
	P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00

#### Van Pedestal Options

	P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans	\$1,555.00
	P-1210-18	Taller van mount pedestal providing additional 4 in. (176mm) clearance above van roof, riser, and mounting hardware for Ford vans (55 in)	\$1,555.00
	P-1210-6	Standard van mount pedestal and adjustable pedestal riser which can be modified to provide from 15-1/2 in. (395 mm) to 39 in. (1.0 m) additional height, with mounting hardware, for step vans	\$2,058.00
	WG-5/6	Van rear window guard for Ford or GM vans	\$103.00
	BE-1400-1	Steel bumper extension with stop light and built in wheel chock holders	\$712.00
	BE-1400-4	Aluminum bumper extension with stop light and built in wheel chock holders	\$1,124.00

#### Lower Control Options

1	C-1210-64	Lower controls located on pedestal	Standard
	C-1210-63	Remote lower control box	\$250.00
0	C-1210-65	Remote handheld lower controls (Required with van configuration)	\$250.00

#### Priority Flow Control Options

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

#### 2 Speed Control Options

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$610.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$875.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00

CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$565.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$684.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00

#### Control Circuit Options

	CC-6	Extra control circuit (requires 1 slip ring)	\$146.00
	EL-1210-3	Emergency lowering system (requires 2 slip rings)	\$212.00
	EP-1210-9	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$819.00
0	LT-1210-5	Lift throttle (included with throttle control)	\$67.00
1	SS-46/47/48/49	Standard 12V start/stop (requires 1 slip ring)	
	Delete-SS	Delete engine start/stop	(\$117.00)

#### Collector Ring Options ( Collector ring is only needed in conjunction with continuous rotation)

0	Not Avail.	Extra slip Rings required	\$168.00
0	28457-1	Collector ring, 1-pass	\$234.00
0	28457-2	Collector ring, 3-pass	\$280.00
0	28457-3	Collector ring, 5-pass	\$332.00
0	28457-4	Collector ring, 7-pass	\$408.00
0	4382-5	Collector ring, 10-pass	\$958.00
0	4382-6	Collector Ring 20-Pass, 28V (7.5a) & 120V (15a)	-
1	Not Required	Slip Rings not required	

#### Misc. Options

	22001/22002	Extra Operators and Service Manual, ( English)	\$92.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	PS-11	Rubber Tube platform rest (23 in. max)	\$69.00
	PS-922	Rubber Tube platform rest (5 in.)	\$34.00
	RE-1260-3	Remote 30 gal. (115l) hydraulic oil reservoir (in lieu of standard integral reservoir)	\$1,710.00
	SD-1200-11	Body belt and lanyard	\$103.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	TS-1210-13/14	Manual two speed control system (normal & low speed - requires 1 slip ring)	\$760.00
	Delete	Delete pedestal mounting hardware	(\$96.00)
	OB-1210-6	Delete ELECTROGARD	(\$819.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	Std. White	Standard White Extreme Climate Urethane (6mils)	\$427.00
	Special	Special Color Urethane (specify color code)	\$523.00

Special Factory Not Available	Special Color Extreme Climate Urethane (6 mils) Special red, chrome colors, or Imron 5000 Base coat/clear coat. Metallic.	\$1,046.00 Consult Factory Not Available	
<b>Underframe Torsion</b>			
TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00	
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,132.00	
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,270.00	
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,118.00	
<b>Over Frame Torsion</b>			
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level Ride)	\$1,170.00	
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,055.00	
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350	\$947.00	
<b>Outriggers (Include two control valves and a selector)</b>			
OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,025.00	
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,025.00	
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,025.00	
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,025.00	
<b>Outrigger Control Valves</b>			
0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
0	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00
<b>Power Sources</b>			
	GN-1210-1	5.5 Onan gasoline generator (requires fuel pump). Does not include batteries	\$3,656.00
	GN-1210-2	7.0 Onan gasoline generator (requires fuel pump). Does not include batteries	\$5,061.00
	HS-1210-2	12 Volt DC drive including pump	\$1,398.00
<b>Extended Warranty</b>			
	EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip:	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-IH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, side mounted 29 ft. 2 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure individual upper controls including emergency stop.
- 3 Full pressure turret mounted lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD providing 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 TruGuard dielectric isolating system
- 10 Ground access turret providing boom articulation from 14o below horizontal to 74o above horizontal.
- 11 Multi-link hose carrier system through booms.
- 12 Non-lube bearings used at all pivot points.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 14 Closed 24 in. x 24 in. x 42 in. fiberglass platform with one step to pedestal.
- 15 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 16 Boom cradle and ratchet type tie down strap.
- 17 Mounting hardware for chassis installation (specify make/model).
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Two Slope Indicators and decals.
- 24 Standard installation of aerial & body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	7500 lbs.

GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required

1	TEL-29-IH	Standard TEL-29-IH telescopic aerial device	\$29,946.00
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**Platform Support**

1	C-1210-15/13	Individual controls	Standard
	SC-1210-8/1	Unitrol single stick Right Hand control	\$541.00
	SC-1210-XX	TruGuard™ dielectric isolating system with Right Hand single stick control. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages.	\$1,558.00
	SC-1210-2	Unitrol single stick Left Hand control	\$541.00

**Individual Control Platform Options**

1	FB-144	Standard, Closed 24x24x42 Inch Tall, 1 Step To Pedestal	
	FB-145	Closed 24x24x42 Inch Tall, 1 Step To Rear	\$52.00
	FB-171	Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-147	Closed, 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-157	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$156.00
	FB-170	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-208	Closed, 24x30x42 Inch Tall, 1 Step To Rear	\$205.00
	FB-1510-19	Walk-In 24x24x42 Open To Curb Side (Requires Door)	\$52.00
	FB-1510-21	Walk-In 24x24x42 Open To Pedestal Side (Requires Door)	\$52.00

**Right Hand Single-Stick Platform Options**

FB-148	Closed, 24x24x42 Inch Tall, 1 Step To Pedestal	\$	-
FB-149	Closed, 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00	
FB-152	Closed, 24x24x42 Inch Tall With Toespace, 1 Step To Pedestal	\$663.00	
FB-173	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00	
FB-218	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$308.00	
FB-158	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$156.00	
FB-1500-10	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$308.00	
FB-172	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00	
FB-1510-20	Walk-in 24x24x42, Open To Curb Side (Requires Door)	\$52.00	
FB-1510-23	Walk-in 24x30x42, Open To Curb Side (Requires Door)	\$205.00	

**Left Hand Single-Stick Platform Options**

FB-151	Closed, 24x30x42 Inch Tall, 1 Step To Rear	\$205.00	
FB-153	Closed, 24x30x42 Inch Tall, 2 Steps To Rear	\$308.00	

**Platform Tool Options**

	HP-1210-1/2	Hydraulic tool power to the platform	\$186.00
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**Lower/Turret Control Options**

1	LO-1210-2	Full hydraulic controls at turret without stow/unstow	Standard
	LO-1210-3	Full hydraulic controls at turret with stow/unstow	\$220.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

**Rotation Options**

1	RO-1210-1	Standard is mechanical rotation stop	Standard
	RO-37	Continuous rotation	\$483.00

**Platform Capacities**

1	CA-900	Standard platform capacity of 300 lbs.	Standard
	CA-853	Increase to 350 lbs. Will affect total weight required for stability	\$ -

**Pedestal Options**

1	P-1210-1	Standard 41 in. tall pedestal	Standard
	P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00

**Priority Flow Control Options**

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$548.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$446.00

**2 Speed Control Options**

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$691.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$875.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$565.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00

**Auto Throttle Control Options**

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$684.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$678.00

	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$674.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$515.00
<b>Control Circuit Options</b>			
	CC-900	Extra control circuit (requires 1 slip ring)	\$146.00
0	LT-5/1260-1	Lift throttle (included with throttle control)	\$67.00
	EL-1210-4	Emergency lowering system (Requires 2 slip rings).	\$212.00
	EP-900	Emergency 12V DC hydraulic system. Requires 1 slip ring	\$819.00
1	SS-57	Standard 12V start/stop	Standard
	Delete-SS	Delete-SS engine start/stop	(\$117.00)
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>			
	Not Avail.	Extra Slip Rings required	\$ -
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -
<b>Fiber-Optic and DC drive Options</b>			
0	HC-1230-2/-4/-6	Fiber optic system for actuating DC drive units. For lifts without tool power. Provides fiber optic lines through boom including actuators and transceivers. Requires single stick and 3 slip rings	\$1,571.00
	HS-1200-5	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$6,584.00
	HS-1200-6	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump and 120V AC to 36V DC charger (20 amp). Does NOT include batteries.	\$4,090.00
	BY-1200-1		
0	HC-1230-2/-4/-5	Fiber optic system for actuating DC drive units. For lifts with tool power. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings.	\$2,213.00
	HS-1200-7	Two-speed 36V DC drive system (required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$8,826.00
	BY-1200-1		
	HS-1200-8	Two-speed 36V DC drive system (Required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3/5 gpm pump and 120V AC to 36V DC charger (20 amp) Does NOT include batteries.	\$6,332.00
	BY-1200-1		
0	GK-1200-2	36V DC Battery Gauge	\$135.00
	BY-1200-2	12V DC to 36V DC Charger (40 amp)	\$2,611.00
	EC-1200-3	Idle Control Module (auto engine start)- Requires 12V DC to 36V Battery Charger.	\$1,240.00
<b>Misc. Options</b>			
	22003/22004	Extra operator's manual and service manual (in English)	\$92.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00

HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
PS-11	Rubber Tube platform rest (23 in. max)	\$69.00
PS-922	Rubber Tube platform rest (5 in.)	\$34.00
RE-1260-3	Remote 30 gal. (115 l) hydraulic oil reservoir	\$1,719.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
Delete	Delete Pedestal mounting hardware	(\$96.00)
Delete	Delete Boom cradle assembly	(\$44.00)
OB-1210-7	Delete ELECTROGARD	(\$819.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane Special	Special color urethane (specify color code)	\$523.00
	Not Available	Extreme Climate 6 mil Special color urethane (specify color code)	\$10,466.00
		Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,132.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge 4500/5500	\$1,270.00
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,118.00

#### Over Frame Torsion

TB-47	Overframe Torsion Bar 99 & up Ford F-550	2008 and up F-450	\$915.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500		\$1,265.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)		\$1,055.00
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350		\$926.00

#### Outriggers (Include two control valves and a selector)

OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,025.00
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,025.00
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,025.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,025.00

#### Outrigger Valves & Interlock

0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

#### Power Sources

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,553.00
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#### Extended Warranty

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-29-EIH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, end mounted 28 ft. 9 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure individual upper controls including emergency stop.
- 3 Full pressure turret mounted lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD providing 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 TruGuard dielectric isolating system
- 10 Ground access turret providing boom articulation from 14o below horizontal to 74o above horizontal.
- 11 Multi-link hose carrier system through booms.
- 12 Non-lube bearings used at all pivot points.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 14 Closed 24 in. x 24 in. x 42 in. fiberglass platform with one step.
- 15 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 16 Boom cradle and ratchet type tie down strap.
- 17 Mounting hardware for chassis installation (specify make/model).
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Two Slope Indicators with decals.
- 24 Spring loaded bucket rest
- 25 Standard installation of aerial and body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	7500 lbs.

GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	TEL-29-EIH	Standard TEL-29-EIH telescopic aerial device	\$30,025.00
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**Upper Control Options**

1	C-1210-10/18	Individual controls	Standard
	SC-1210-1/8/23/24	Unitrol right hand single stick upper control	\$541.00
	SC-1210-2/20	Unitrol left hand single stick upper control	\$541.00

**Platform Support Options**

1	PS-1210-6/8	Standard (non-rotating) platform support	Standard
	PS-1210-35/36	180 degree platform rotator (reduces maximum platform capacity by 50 lbs.) Requires RH single stick	\$1,715.00

**Individual Control Platform Options**

1	FB-824	Standard, Closed 24x24x42 Inch Tall, 1 Step To Curb Side	Standard
	FB-164	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side	\$205.00
	FB-167	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-49	Closed, 24x24x39 Inch Tall, 1 Step To Street Side	\$52.00
	FB-827	Closed, 24x24x42 Inch Tall, 1 Step To Street Side	\$52.00
	FB-1510-24	Walk-In 24x24x42 Open To Curb side (Requires Door)	\$52.00

**Right Hand Single-Stick Platform Options**

FB-921	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$ -
FB-169	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
FB-922/981	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side	\$205.00
FB-922R	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side ( Flame Retardant)	\$968.00
FB-929	Closed, 24x24x42 Inch Tall Toespace, 1 Step To Curb Side	\$663.00
FB-938	Closed, 24x30x42 Inch Tall, 2 Steps To Curb Side	\$308.00
FB-968	Closed, 24x30x42 Inch Tall Toespace, 1 Step To Curb Side	\$819.00
FB-1520-1	Duckunder 24x24x42, Open To Curb Side (Requires Door)	\$52.00
FB-1520-5	Duckunder 24x30x42, Open To Curb Side (Requires Door)	\$205.00
FB-1510-3	Walk-in 24x30x42, Open To Curb Side (Requires Door)	\$205.00
FB-1510-4	Walk-in 24x24x42, Open To Curb Side (Requires Door)	\$52.00
FB-1510-5	Walk-in 24x24x42, Open To Rear (Requires Door)	\$52.00
SA-1510-1	Walk-in 24x24x42, Open To Curb Side, cavity To rear (Requires Door)	\$220.00

**Left Hand Single-Stick Platform Options**

FB-924	Closed 24x24x42 Inch Tall, 1 Step To Street Side	\$ -
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	FB-937	Closed 24x30x42 Inch Tall, 2 Steps To Street Side	\$308.00
	FB-946	Closed 24x24x42 Inch Tall Toespace, 1 Step To Rear	\$663.00
	FB-970	Closed 24x30x42 Inch Tall, 1 Step To Street Side	\$205.00
	FB-970R	Closed 24x30x42 Inch Tall, 1 Step To Street Side ( Flame Retardant)	\$967.00
	FB-1520-4	Duckunder 24x30x42, Open To Street Side (Requires Door)	\$205.00
<b>Platform Tool Options</b>			
	HP-1210-1/2/7	Hydraulic tool power to the platform	\$186.00
<b>Lower/Turret Control Options</b>			
1	LO-1210-4	Full hydraulic controls at turret without stow/unstow	Standard
	LO-1210-5	Full hydraulic controls at turret with stow/unstow	\$220.00
<b>Platform Accessories</b>			
	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$401.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Rotation Options</b>			
1	RO-1210-1	Standard is mechanical rotation stop	Standard
	RO-37	Continuous rotation including one pass slip ring for start/stop system	\$483.00
<b>Platform Capacities</b>			
1	CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
	CA-853	Increase to 350 lbs. (160 kg). Will affect total weight required for stability (Not available w/platform rotator)	\$ -
<b>Pedestal Options</b>			
1	P-1210-1	Standard 41 in. tall pedestal	Standard
	P-1210-2	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1210-3	12 in. taller pedestal (52 in. Tall)	\$212.00
<b>Priority Flow Control Options</b>			
	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00
<b>2 Speed Control Options</b>			
	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$684.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00
	CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed	\$550.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$684.00

	CT-1400-50	Chassis Throttle 2013+ Dodge Auto Throttle.	\$560.00
<b>Control Circuit Options</b>			
	CC-900	Extra control circuit (requires 1 slip ring)	\$146.00
0	LT-5/1260-1	Lift throttle (included with throttle control)	\$67.00
	EL-1210-4	Emergency lowering system (Requires 2 slip rings).	\$212.00
	EP-900	Emergency 12V DC hydraulic system. Requires 1 slip ring	\$819.00
1	SS-57	Standard 12V start/stop	Standard
	Delete-SS	Delete-SS engine start/stop	(\$117.00)
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>			
	Not Avail.	Extra slip Rings required	
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip rings not required	\$ -
<b>Fiber-Optic and DC drive Options</b>			
0	HC-1230-2/-4/-6	Fiber optic system for actuating DC drive units. For lifts without tool power. Provides fiber optic lines through boom including actuators and transceivers. Requires single-stick option and 3 slip rings	\$1,571.00
	HS-1200-5	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$6,584.00
	HS-1200-6 BY-1200-1	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump and 120V AC to 36V DC charger (20 amp). Does NOT include batteries.	\$4,090.00
0	HC-1230-2/-4/-5	Fiber optic system for actuating DC drive units. For lifts with tool power. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings.	\$2,213.00
	HS-1200-7 BY-1200-1	Two-speed 36V DC drive system (required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$8,826.00
	HS-1200-8 BY-1200-1	Two-speed 36V DC drive system (Required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3/5 gpm pump and 120V AC to 36V DC charger (20 amp) Does NOT include batteries.	\$6,332.00
0	GK-1200-2	36V DC Battery Gauge	\$135.00
	BY-1200-2	12V DC to 36V DC Charger (40 amp)	\$2,611.00
	EC-1200-3	Idle Control Module (auto engine start)- Requires 12V DC to 36V Battery Charger.	\$1,240.00
<b>Misc. Options</b>			
	22003/22004	Extra operator's manual and service manual (in English)	\$92.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	RE-1260-3	Remote 30 gal. (115 l) hydraulic oil reservoir	\$1,666.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	Delete	Delete Pedestal mounting hardware	(\$96.00)
	Delete	Delete Boom cradle assembly	(\$44.00)
	OB-1210-10	Delete ELECTROGARD	(\$819.00)

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$523.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Underframe Torsion**

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,132.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge 4500/5500	\$1,270.00
TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,118.00

**Over Frame Torsion**

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$915.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500 (Level Ride)	\$1,265.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)	\$1,055.00
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350	\$947.00

**Outriggers** (Include two control valves and a selector)

OR-1400-17	H-Frame 2X8 Cross Tube 30-42 Inch Frame Height	\$4,025.00
OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,025.00
OR-1400-2	Modified-A-Frame 36-40 Inch Frame Height	\$4,025.00
OR-1400-3	Knock Down Modified-A-Frame	\$4,025.00

**Outrigger Valves & Interlock**

0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger boom interlock system for outriggers	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve	\$27.00

**Power Sources**

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,499.00
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**Extended Warranty**

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VANTEL-29-N</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Non-insulated side mounted 28 ft. 11 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Upper electric controls, mounted at end of inner boom, including master control and emergency stop.
- 3 Remote hand-held electric lower controls including 30 ft. cable and override.
- 4 Engine start/stop controls at platform and lower controls (requires 2 slip rings).
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Heavy duty aluminum inner boom.
- 8 Boom articulation from 8o below horizontal to 80o above horizontal.
- 9 Multi-link hose carrier system through booms.
- 10 Non-lube bearings used at all pivot points.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 12 Gravity-leveled, duck under 24 in. x 24 in. x 42 in. platform, with curbside opening.
- 13 Boom cradle and ratchet type tie down strap.
- 14 Pedestal riser and mounting hardware for van installation (specify van make/model).
- 15 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 16 Clutch pump
- 17 Standard white urethane paint.
- 18 Two operator's manuals and two service manuals (in English).

- 19 ANSI A92.2 data plate.
- 20 Two Slope Indicators with decals.
- 21 Standard installation

Recommended Van		
Minimum Wheelbase		125 to 138 in.
Minimum Frame Section Modulus		5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment		195,000 in.-lbs.
Approximate Curb Weight for Stability		6500 lbs.
		Gas Diesel
GAWR1		9,400 lbs. 9,500 lbs.
GAWR2 (Front)		4,200 lbs. 4,600 lbs.
GAWR2 (Rear)		5,400 lbs. 6,340 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	Vantel-29-N	Standard Vantel-29-N telescopic aerial device	\$23,954.00
<b>Platform Support</b>			
1	PS-1210-1	Platform support with gravity leveling is standard	Standard
	PS-1210-3	Platform support with hydraulic leveling	\$ -
<b>Platform Options</b>			
1	FB-1520-6	Standard, Duck-Under, 24x24x42 Inch Tall, Open To Curb Side, Std Van Mount	Standard
	SA-1520-7	Duck-Under, 24x24x42 in, Open To Curb Side, Cavity To Rear	\$220.00
	PB-1520-3	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	FB-1510-6	Walk-In 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	SA-1510-4	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	FB-1510-37	Walk-In 24x30x42 Inch Tall, Open To Curb Side (open on long side)	\$205.00
	SA-1510-3	Rotating platform, Walk-In 26 in dia x 39 in (Requires Hydraulic Leveling)	\$625.00
	FB-99	Closed, 24x24x42 Inch Tall, 1 Step To Pedestal	\$52.00
	FB-100	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-107	Closed, 24x24x42 Inch Tall, 1 Step To Rear, 1 Low Step To Curb Side	\$156.00
	SB-39	Steel, Open To Curb Side, Left Hinge Door, Tool Hook	\$1,341.00
	SB-40	Steel, Open To Curb Side, Right Hinge Door, Tool Hook	\$1,559.00
	SB-41	Steel, Open To Curb Side, Left Hinge Door	\$1,559.00
	SB-42	Steel, Open To Curb Side, Right Hinge Door	\$1,559.00
	Delete	Delete Standard Platform and Spine	-\$774.00
1	PW-1210-1	GFCI receptacle for 120v Power at Platform, (requires 3 slip rings)	\$186.00
	AL-1210-1	Pneumatic Circuit, (airline) to Platform	\$124.00
<b>Leveling Options</b>			
1	Gravity level	Gravity leveling is standard	
0	LO-1210-8	Hydraulic Leveling w/ electric actuation, (requires 2 slip rings)	\$850.00
<b>Platform Accessories</b>			
	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00

	SA-1530-9	Tent and top, 24 square	\$767.00	
	SA-117	Tent/top round rotating splicing platform	\$767.00	
	SA-12	Tool pouch accessory cavity mtd.	\$41.00	
	SA-17	Work tray w/ mounting	\$122.00	
	SA-58	Door tool pouches, ships loose	\$82.00	
	SA-61	120v Heater-Universal mount	\$401.00	
	SA-72	240v Heater-Universal mount	\$401.00	
	SA-74/75	Fold down seat w/hardware	\$106.00	
	SA-1530-1	Walk-In door, L/H hinge	\$279.00	
	SA-1530-2	Walk-In door, R/H hinge	\$279.00	
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00	
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00	
	TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00	
	TO-3	Polyethylene tool tray 7in.x15in.x17in.	\$220.00	
<b>Rotation Options</b>				
1	RO-27	Standard is Electric Rotation Stop		Standard
	RO-1210-2/3/4/5	Continuous Rotation, ( must add slip rings)		\$183.00
<b>Platform Capacities</b>				
1	CA-900	Standard platform capacity of 300 lbs.		Standard
	CA-853	Increased Platform Capacity to 350 lbs.		\$ -
<b>Pedestal Options</b>				
1	P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans		Standard
	P-1210-18	Taller van mount pedestal providing additional 4 in. clearance above van roof, riser, and mounting hardware for Ford vans (55 in)		\$ -
	P-1210-31/ RE-1210-3	Bridge mount for Sprinter van. Includes 7 gallon external reservoir (parts shipped loose). This mounting is for the low roof model only - check factory for specification.		\$1,251.00
	P-1210-6	Adjustable pedestal riser which can be modified to provide from 15 1/2 in. to 39 in. additional height, with mounting hardware, for step vans		\$504.00
<b>Lower Control Options</b>				
1	C-1210	Remote handheld is standard and includes 30 ft of cord.		Standard
	C-1210	Remote lower control box with 30 ft. of cord		\$250.00
<b>Priority Flow Control Options</b>				
	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control		\$451.00
	CT-1400-6	Radio Controls Chassis throttle Control		\$383.00
<b>2 Speed Control Options</b>				
	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed		\$610.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks		\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option		\$525.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm		\$635.00
	CT-1400-7/24/ 25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)		\$15.00
	CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed		\$462.00
<b>Auto Throttle Control Options</b>				
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle		\$610.00
	CT-1400-50	Chassis Throttle 2013+ Dodge Auto Throttle.		\$501.00

**Control Circuit Options**

	EL-1210-1	Emergency Lowering with electric solenoid valve and switches at upper and lower control stations (requires 1 slip ring)	\$212.00
	EL-1210-10	Emergency lowering valve for lower boom only. Manual needle valve is located at cylinder	\$285.00
	EL-1210-6	Emergency lowering valve for lower boom only. Manual needle valve is located at upper controls	\$293.00
	EP-1210-4/23	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$719.00
0	LT-1210-2	Lift throttle (included with throttle control)	\$30.00
1	SS-44	Standard 12V start/stop (requires 2 slip rings)	
	Delete	Delete engine start/stop	(\$44.00)
	61006-2	Extra 18/19 wire cable	\$230.00
	68143-1	12V/24V converter	\$805.00

**Collector Ring Options**, Collector ring is only needed in conjunction with continuous rotation

0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -

**Misc. Options**

	22013/22014	Extra Operators and Service Manual, ( English)	\$92.00
	BC-62	Rubberized boom cradle in lieu of ratchet style	\$ -
	BE-1400-4	Aluminum bumper extension with stop light and built in wheel chock holders for Ford vans	\$1,124.00
	BE-1400-5	Sprinter aluminum bumper extension. Includes LED light bar, step, battery box, and provision for platform rest.	\$2,321.00
	PC-4	Upper control cover	\$60.00
	PS-11	Tubular rubber platform support 23 in. high	\$69.00
	PS-922	Tubular rubber platform support 5 in. high	\$34.00
	RE-1260-3	Remote 30 gal. (115l) hydraulic oil reservoir, (in lieu of std. Integral reservoir)	\$915.00
	SD-1200-11	Safety belt and lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
	TS-1210-10/11/12	2 -Speed Control System (requires 1 slip ring & optional control valve)	\$760.00
	TS-1210-7/8/9	Variable Speed Lift Control (requires 1 slip ring & optional control valve)	\$1,014.00
	TS-1210-/	Joystick with variable speed rotation and raise/lower funtions. Extend/retract are on/off (requires 1 slip ring & optional control valve)	\$1,379.00
	C-1210-71/76		
	WG-5/6	Window guard for Ford or GM vans	\$103.00
	Delete	Van mounting hardware	(\$513.00)

**Paint Options**

1	Std. White	Standard white urethane	
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$523.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Power Sources**

	GN-80	5.5 Onan gasoline generator (requires fuel pump)	\$3,553.00
	GN-79	7.0 Onan gasoline generator (requires fuel pump)	\$5,058.00

	HS-1210-1	12 Volt DC drive including pump,motor with solenoid. (without battereis and enclosure) Typically mounts in pedestal	\$1,398.00
	HS-1210-8	12 Volt DC drive including pump designed for use with Sprinter van. Includes two 12V 115Ah gp 31 batteries, battery cable and fuses for installation.	\$1,869.00
0	BY-1200-15	200 AMP Bi-Directional Auxiliary Battery Installation for Sprinter	\$544.00
<b>Extended Warranty</b>			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VANTEL-29-NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Non-insulated, end mounted 29 ft. 9 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform, interior mounted electric controls including master control and emergency stop.
- 3 Remote hand-held electric lower controls including 30 ft. cable and override.
- 4 Engine start/stop controls at platform and lower controls.
- 5 Non-continuous 360o rotation with electric limit system.
- 6 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Heavy duty aluminum inner boom.
- 8 Boom articulation from 8o below horizontal to 80o above horizontal.
- 9 Multi-link hose carrier system through booms.
- 10 Non-lube bearings used at all pivot points.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 12 Duck under 24 in. x 24 in. x 42 in. fiberglass platform with curbside opening.
- 13 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 14 Boom cradle and ratchet type tie down strap.
- 15 Pedestal riser and mounting hardware for van installation (specify chassis make/model).
- 16 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 17 Clutch pump
- 18 Standard white urethane paint.
- 19 Two operator's manuals and two service manuals (in English).

- 20 ANSI A92.2 data plate.
- 21 Two Slope Indicators with decals.
- 22 Standard installation

Recommended Van

Minimum Wheelbase	125 to 138 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	6500 lbs.
	Gas                  Diesel
GAWR1	9,400 lbs.      9,500 lbs.
GAWR2 (Front)	4,200 lbs.      4,600 lbs.
GAWR2 (Rear)	5,400 lbs.      6,340 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	Vantel-29-NE	Standard Vantel-29-NE telescopic aerial device	\$26,127.00
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**Platform Support**

1	C-1210-48/59	Upper controls on inside of platform.	Standard
	C-1210-49/50/51/60/61/62	Upper controls mounted on outside of platform.	\$138.00

**Platform Support**

1	PS-1210-8	Standard platform support	Standard
	PS-1210-31	Manual 180 degree positioner for 24"/30" platform	\$540.00
	PS-1210-40	Drop down boom tip including manual 180 degree positioner for 24"/30" platform. Lowers the platform aprox. 7 inches	\$614.00

**Platform Options**

1	FB-1520-14	Standard, Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	Standard
	FB-1520-18	Duck-Under 24x30x42 Inch, Open Towards Curb Side	\$205.00
	FB-1520-15	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$52.00
	FB-1520-16	Duck-Under, 24x24x42 Inch Tall, Open To Street Side	\$52.00
	SA-1520-2	Duck-Under 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1520-1	Duck-Under 24x30x42 Inch, Open To Curb Side, Cavity To Street Side	\$220.00
	FB-1510-9	Walk-In, 24x24x42 Inch Tall, Open To Street Side	\$52.00
	FB-1510-10	Walk-In, 24x24x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$52.00
	FB-1510-11	Walk-In 24x24x42 Inch Tall, Open To Curb Side	\$52.00
	FB-1510-31	Walk-In 24x24x42 Inch Tall, Open To Rear (8" lower platform height)	\$52.00
	FB-1510-16	Walk-In 24x30x42 Inch Tall, Open To Curb Side	\$205.00
	FB-1510-17	Walk-In 24x30x42 Inch Tall, Open To Curb Side (8" lower platform height)	\$205.00
	SA-1510-10	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1510-11	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear (8" Lower platform height)	\$20.00
	SA-1510-8	Walk-In, 24x24x42 Inch Tall, Open To Street Side (8" Lower platform height)	\$52.00
	SA-1510-9	Walk-In, 24x24x42 Inch Tall, Open To Street Side, Cavity To Rear	\$220.00
	FB-94	Closed, 24x24x41 1/4 Inch Tall, 1 Step Curb Side, 1 Flat Step Bottom Rib Side	\$279.00
	FB-96	Closed, 24x30x42 Inch Tall, 1 Step Curb Side, 1 Flat Step Bottom Rib Side	\$308.00
	FB-108	Closed, 24x24x42 Inch Tall, 1 Step Curb Side, 1 Flat Step Bottom Rib Side	\$156.00
	SB-43	Steel, Open To Curb Side, Left Hinge Door, Tool Hook	\$1,341.00
	SB-44	Steel, Open To Curb Side, Right Hinge Door, Tool Hook	\$1,341.00
	SB-45	Steel, Open To Curb Side, Left Hinge Door	\$1,341.00

SB-46	Steel, Open To Curb Side, Right Hinge Door	\$1,341.00
<b>Platform Tools</b>		
1 PW-1210-1	GFCI receptacle for 120 V power at platform (requires 3 slip rings)	\$186.00
AL-1210-2	Pneumatic circuit (airline) to platform	\$124.00
<b>Platform Accessories</b>		
CB-2	Platform cover, nylon/vinyl, 24 square	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30	\$147.00
SA-12	Tool pouch accessory cavity mtd.	\$41.00
SA-17	Work tray w/ mounting	\$122.00
SA-58	Door tool pouches (shipped loose)	\$82.00
SA-61	120v Heater-Universal mount	\$401.00
SA-72	240v Heater-Universal mount	\$401.00
SA-75	Fold down seat (square platform)	\$106.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
SA-1530-8	24 in. X 30 in. Transparent tent & top	\$871.00
SA-1530-10	24 square Transparent tent & top	\$767.00
TO-2	Polyethylene tool tray 8x19x8 in.	\$183.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Rotation Options</b>		
1 RO-1210-1	Standard is Electric Rotation Stop	Standard
RO-1210-2/3/4/5	Continuous rotation - requires slip ring assembly (Lift and start/stop require 13 slip rings)	\$483.00
<b>Platform Capacities</b>		
1 CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
CA-853	Increased platform capacity to 350 lbs. (160kg)	\$ -
<b>Pedestal Options</b>		
1 P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans	Standard
P-1210-18	Taller van mount pedestal providing additional 4 in. (176mm) clearance above van roof, riser, and mounting hardware for Ford vans (55 in)	\$ -
P-1210-32	Van mount pedestal (60-1/8 in. in height) and mounting hardware for Ford cutaway van	\$57.00
P-1210-31 /RE-1210-3	Bridge mount for Sprinter van. Includes 7 gallon external reservoir (parts shipped loose). This mounting is for the low roof model only - check factory for specification.	\$1,251.00
P-1210-6	Adjustable pedestal riser which can be modified to provide from 15 1/2 in. (395mm) to 39 in. (1.0m) additional height, with mounting hardware, for step vans	\$504.00
<b>Lower Control Options</b>		
1 C-1210-3	Remote handheld lower controls is standard on van and includes 30 ft/ of cord	Standard
C-1210-2	Remote lower control box with 30ft. of cord	\$250.00
<b>Auto Throttle Control Options</b>		
CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$612.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$598.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$600.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$485.00
<b>Control Circuit Options</b>		

	EL-1210-1/8	Emergency Lowering with electric solenoid valve and switches at upper and lower control stations (requires 1 slip ring)	\$212.00
	EL-1210-10	Emergency lowering valve for lower boom only. Manual needle valve is located at cylinder	\$285.00
	EL-1210-7	Emergency lowering valve for lower boom only. Manual needle valve is located at upper controls	\$293.00
	EP-1210-4/23	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$719.00
0	LT-1210-2	Lift throttle (included with throttle control)	\$30.00
1	SS-44	Standard 12V start/stop (requires 2 slip rings)	
	Delete	Delete engine start/stop	(\$44.00)
	61006-2	Extra18/19 wire cable	\$230.00
	68143-1	12V/24V converter	\$805.00

**Collector Ring Options,** (Collector ring is only needed in conjunction with continuous rotation)

0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -

**Misc. Options**

	22013/22014	Extra operator's manual and service manual (in English)	\$92.00
	BE-1400-4	Aluminum bumper extension with stop light and built in wheel chock holders for Ford Vans	\$1,124.00
	BE-1400-5	Sprinter aluminum bumper extension. Includes LED light bar, step, battery box, and provision for platform rest.	\$2,321.00
	PS-11	Tubular rubber platform support	\$69.00
	RE-1260-3	Remote 30 gal. (115 l) hydraulic oil reservoir (in lieu of standard integral reservoir)	\$915.00
	SD-1200-11	Body belt and lanyard	\$69.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
	TS-1210-10	Manual 2-speed control system, normal and low (requires 1 slip ring)	\$760.00
	TS-1210-7	Variable speed control system (requires 1 slip ring & pltfm support w/outside ctls)	\$1,014.00
	Delete	Van mount hardware	(\$513.00)
	WG-5/6	Van window guard for Ford or GM Vans	\$103.00

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$523.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Power Sources**

	GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,553.00
	GN-1210-2	7.0 Onan gasoline generator (requires fuel pump)	\$5,058.00
	HS-1210-1	12 Volt DC drive including pump	\$1,398.00
	HS-1210-8	12 Volt DC drive including pump designed for use with Sprinter van. Includes two 12V 115Ah gp 31 batteries, battery cable and fuses for installation.	\$1,869.00
0	BY-1200-15	200 AMP Bi-Directional Auxiliary Battery Installation for Sprinter	\$544.00

**Extended Warranty**

	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,171.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$2,471.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VANTEL-29-IH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, side mounted 28 ft.10 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure individual upper controls including emergency stop.
- 3 Remote hand-held electric lower controls including 30 ft. cable and override.
- 4 Engine start/stop from platform and lower controls (requires 1 slip ring).
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD providing 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 TruGuard dielectric isolating system
- 10 Boom articulation from 80o below horizontal to 80o above horizontal.
- 11 Multi-link hose carrier system through booms.
- 12 Non-lube bearings used at all pivot points.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 14 Closed 24 in. x 24 in. x 42 in. fiberglass platform with two steps.
- 15 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 16 Boom cradle and ratchet type tie down strap.
- 17 Pedestal riser and mounting hardware for van installation (specify chassis make/model).
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Two Slope Indicators with decals.
- 24 Standard installation

Recommended Van

Minimum Wheelbase	125 to 138 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	6500 lbs.
	Gas                  Diesel
GAWR1	9,400 lbs.    9,500 lbs.
GAWR2 (Front)	4,200 lbs.    4,600 lbs.
GAWR2 (Rear)	5,400 lbs.    6,340 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	Vantel-29-IH	Standard Vantel-29-IH telescopic aerial device	\$32,445.00
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**Lower Control Options**

1	C-1210-65	Remote hand-held lower control	Standard
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**Platform Support**

1	C-1210-40/14	Individual multi- lever controls	Standard
	SC-1210-1/8	Unitrol single stick Right Hand control	\$541.00

**Individual Control Platform Options**

1	FB-171	Standard, Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	Standard
	FB-147	Closed, 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-157	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$154.00
	FB-170	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-1510-19	Walk-In 24x24x42 Open To Curb side (Requires Door)	\$52.00

**Right Hand Single-Stick Platform Options**

FB-173	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side	\$	-
FB-218	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$205.00	
FB-158	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side 1 Step To Pedestal	\$156.00	
FB-1500-10	Closed, 24x30x42 Inch Tall, 2 Steps To Curb Side 1 Step To Pedestal, 2 steps opposite ribs	\$308.00	
FB-172	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00	
FB-1510-20	Walk-in 24x24x42, Open To Curb Side (Requires Door)	\$52.00	
FB-1510-23	Walk-in 24x30x42, Open To Curb Side (Requires Door)	\$205.00	

**Platform Tool Options**

HP-1210-1/2	Hydraulic tool power to the platform	\$186.00
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**Platform Accessories**

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00

	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Rotation Options</b>			
1	RO-1210-1	Standard is Electric Rotation Stop	Standard
	RO-1210-10	Continuous rotation requires slip ring assembly (Lift and start/stop requires 13 slip rings)	\$483.00
<b>Platform Capacities</b>			
1	CA-900	Standard platform capacity of 300 lbs.	Standard
	CA-853	Increase to 350 lbs. (160 kg). Will affect total weight required for stability	\$ -
<b>Van Pedestal Options</b>			
1	P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans	Standard
	P-1210-18	Taller van mount pedestal providing additional 4 in. clearance above van roof, riser, and mounting hardware for Ford vans (55 in)	\$ -
	P-1210-6	Adjustable pedestal riser which can be modified to provide from 15 1/2 in. to 39 in. additional height, with mounting hardware, for step vans	\$504.00
	-	Light weight pedestal for installation on high roof vans (doesn't require pedestal riser)	\$408.00
<b>Priority Flow Control Options</b>			
	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00
<b>2 Speed Control Options</b>			
	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$610.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00
	CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed	\$550.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$610.00
	CT-1400-50	Chassis Throttle 2013+ Dodge Auto Throttle.	\$550.00
<b>Control Circuit options</b>			
	CC-900	Extra control circuit (requires 1 slip ring)	\$146.00
0	LT-5	Lift throttle (included with throttle control)	\$67.00
0	LT-1260-1	Priority flow control valve for Ford,6.0L diesel/auto with PTO provision. Requires 1 slip ring	\$489.00
	EL-1210-4	Emergency lowering system (requires 2 slip rings)	\$212.00
	EP-1210-11/12	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$786.00
1	SS-46	Standard 12V start/stop	Standard
	Delete	Delete engine start/stop	(\$117.00)
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>			
		Extra Slip Rings required	\$ -
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -
<b>Misc. Options</b>			

22005/22006	Extra operator's manual and service manual (in English)	\$92.00
Delete	One Operator and one Service Manual (export only)	(\$54.00)
BE-1400-1	Steel bumper extension with stop light and built in wheel chock holders	\$712.00
BE-1400-4	Aluminum bumper extension with stop light and built in wheel chock holders	\$1,124.00
PS-11	Tubular rubber platform support 23 in. high	\$69.00
PS-922	Tubular rubber platform support 5 in. high	\$34.00
RE-1260-3	Remote 30 gal. (115 l) hydraulic oil reservoir	\$1,655.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
OB-1210-7	Delete ELECTROGARD	(\$819.00)
WG-5	Van window guard for Ford van	\$103.00
Delete	Van mounting hardware	(\$513.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	Std. White	Standard White Extreme Climate Urethane (6mils)	\$427.00
	Special	Special Color Urethane (specify color code)	\$523.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Special	Special red, chrome colors, or Imron 5000	Consult Factory
	Not Available	Base coat/clear coat. Metallic.	Not Available

#### Power Sources

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,600.00
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#### Extended Warranty

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VANTEL-29-EIH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, end mounted 29 ft. 6 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure individual upper controls including emergency stop.
- 3 Remote hand-held electric lower controls including 30 ft. cable and override.
- 4 Engine start/stop from platform and lower controls (requires 2 slip rings).
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom and patented ELECTROGARD providing 42 in. insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 9 TruGuard dielectric isolating system
- 10 Boom articulation from 8o below horizontal to 80o above horizontal.
- 11 Multi-link hose carrier system through booms.
- 12 Non-lube bearings used at all pivot points.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 7 gal. capacity.
- 14 Closed 24 in. x 24 in. x 42 in. fiberglass platform with two steps.
- 15 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 16 Boom cradle and ratchet type tie down strap.
- 17 Pedestal riser and mounting hardware for van installation (specify van make/model).
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Two Slope Indicators with decals.
- 24 Spring loaded bucket rest
- 25 Standard installation

Recommended Van	
Minimum Wheelbase	125 to 138 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	6500 lbs.

	Gas	Diesel
GAWR1	9,400 lbs.	9,500 lbs.
GAWR2 (Front)	4,200 lbs.	4,600 lbs.
GAWR2 (Rear)	5,400 lbs.	6,340 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	Vantel-29-EIH	Standard Vantel-29-EIH telescopic aerial device	\$31,371.00
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**Lower Control Options**

1	C-1210-65	Remote hand-held control box	Standard
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**Platform Support**

1	C-1210-14/15	Individual controls	Standard
	SC-1210-1/8	Unitrol right hand single stick upper control	\$541.00
	SC-1210-7/XX	Unitrol left hand single stick upper control	\$541.00

**Platform Support**

1	PS-1210-6/8	Standard (non-rotating) platform support	Standard
	PS-1210-35/36	180 degree platform rotator (reduces maximum platform capacity by 50 lbs.) Requires RH single stick	\$1,785.00

**Individual Control Platform Options**

1	FB-167	Standard, Closed, 24x24x42 Inch Tall, 2-Steps To Curb Side	Standard
	FB-164	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side	\$205.00
	FB-824	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-49	Closed, 24x24x39 Inch Tall, 1 Step To Street Side	\$52.00
	FB-827	Closed, 24x30x42 Inch Tall, 1 Step To Street Side	\$205.00
	FB-1510-24	Walk-In 24x24x42 Inch Tall, Open To Curb Side (Requires Door)	\$52.00

**Right Hand Single-Stick Platform Options**

	FB-169	Closed, 24x24x42 Inch Tall, 2 Steps To Curb Side	\$ -
	FB-921	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-922/981	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side	\$205.00
	FB-922R	Closed, 24x30x42 Inch Tall, 1 Step To Curb Side (Flame Retardant)	\$967.00
	FB-929	Closed, 24x24x42 Inch Tall Toespace, 1 Step To Curb Side	\$663.00
	FB-938	Closed, 24x30x42 Inch Tall, 2 Steps To Curb Side	\$308.00
	FB-968	Closed, 24x30x42 Inch Tall Toespace, 1 Step To Curb Side	\$819.00
	FB-923	Export Only Closed 24x42x42 Inch Tall, 2 Steps To Curb Side	\$478.00
	FB-1520-1	Duckunder 24x24x42 Inch Tall, Open To Curb Side (Requires Door)	\$52.00
	FB-1520-5	Duckunder 24x30x42 Inch Tall, Open To Curb Side (Requires Door)	\$205.00
	FB-1510-3	Walk-In 24x30x42 Inch Tall, Open To Curb Side (Requires Door)	\$205.00
	FB-1510-4	Walk-In 24x24x42 Inch Tall, Open To Curb Side (Requires Door)	\$52.00

**Left Hand Single-Stick Platform Options**

FB-924	Closed, 24x24x42 Inch Tall, 1 Step To Street Side	\$ -
FB-937	Closed, 24x30x42 Inch Tall, 2 Steps To Street Side	\$308.00
FB-970	Closed 24x30x42 Inch Tall, 1 Step To Street Side	\$205.00
FB-970R	Closed 24x30x42 Inch Tall, 1 Step To Street Side ( Flame Retardant)	\$967.00
FB-1520-4	Duckunder 24x30x42 Inch Tall, Open To Street Side (Requires Door)	\$205.00

**Platform Tool Options**

HP-1210-1/2	Hydraulic tool power to the platform	\$186.00
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**Platform Accessories**

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

**Rotation Options**

1	RO-1210-1	Standard is Electric Rotation Stop	Standard
	RO-1210-10	Continuous rotation requires slip ring assembly (Lift and start/stop requires 13 slip rings)	\$483.00

**Platform Capacities**

1	CA-900	Standard platform capacity of 300 lbs. (136kg)	Standard
	CA-853	Increase to 350 lbs. (160 kg). Will affect total weight required for stability	\$ -

**Van Pedestal Options**

1	P-1210-19	Van mount pedestal (std. 51 in. in height) and mounting hardware for Ford vans	Standard
	P-1210-18	Taller van mount pedestal providing additional 4 in. clearance above van roof, riser, and mounting hardware for Ford vans (55 in)	\$ -
	P-1210-6	Adjustable pedestal riser which can be modified to provide from 15 1/2 in. to 39 in. additional height, with mounting hardware, for step vans	\$504.00
	-	Light weight pedestal for installation on high roof vans (doesn't require pedestal riser)	\$408.00

**Priority Flow Control Options**

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$545.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$445.00

**2 Speed Control Options**

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$610.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$860.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$525.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00

	CT-1400-7/24/ 25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00
	CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed	\$548.00
<b>Control Circuit Options</b>			
	CC-900	Extra control circuit (requires 1 slip ring)	\$146.00
0	LT-5	Lift throttle (included with throttle control)	\$67.00
	EL-1210-4	Emergency lowering system (requires 2 slip rings)	\$212.00
	EP-1210-11/12	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$819.00
1	SS-46	Standard 12V start/stop	Standard
	Delete	Delete engine start/stop	(\$117.00)
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>			
	Extra	Extra Slip Rings required	\$ -
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -
<b>Misc. Options</b>			
	22005/22006	Extra operator's manual and service manual (in English)	\$92.00
	BE-1400-1	Steel bumper extension with stop light and built in wheel chock holders	\$712.00
	BE-1400-4	Aluminum bumper extension with stop light and built in wheel chock holders	\$1,124.00
	PS-11	Tubular rubber platform support 23 in. high	\$69.00
	PS-922	Tubular rubber platform support 5 in. high	\$34.00
	RE-12	Remote 30 gal. (115 l) hydraulic oil reservoir	\$1,655.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	OB-1210-10	Delete ELECTROGARD	(\$819.00)
	WG-5	Van window guard for Ford van	\$103.00
	Delete	Van mounting hardware	(\$513.00)
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$523.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Power Sources</b>			
	GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,600.00
<b>Extended Warranty</b>			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-31/35-NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

TEL-31-NE Non-insulated, end mounted 30 ft. 11 in. telescopic aerial lift, including the items listed  
 TEL-35-NE Non-insulated, end mounted 34 ft. 11 in. telescopic aerial lift, including the items listed

- 1 Standard platform capacity of 440 lbs.
- 2 Platform mounted electric controls including master control and emergency stop.
- 3 Two speed upper control system is standard.
- 4 Remote lower controls are housed in a weather resistant metal box including override.
- 5 Engine start/stop controls at platform and lower controls.
- 6 Non-continuous 360o rotation with electric limit system.
- 7 Two gpm open center hydraulic system. Operating pressure is 2250 psi
- 8 Heavy duty aluminum inner boom.
- 9 Boom articulation from 25o below horizontal to 80o above horizontal.
- 10 Multi-link hose carrier system through booms.
- 11 Non-lube bearings are used at all points of motion.
- 12 Integral hydraulic oil reservoir with anti-splash baffle and easy to read fluid level gauges and 12 gal. capacity.
- 13 Standard platform is steel 49 in. X 33 in. X 43 in. with a step through opening for easy access
- 14 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 15 Boom cradle and ratchet type tie down strap.
- 16 Mounting hardware for chassis installation (specify make/model and cab to axle dimension).
- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 18 PTO and pump
- 19 Standard white urethane paint.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 22 Two Slope Indicators and decals.
- 23 Standard installation of aerial and body

**Recommended Chassis Mounting with Torsion Bar:**

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	5.4in <sup>3</sup>
Minimum Frame Resisting Bending Moment	195,000 in.-lbs.
Approximate Curb Weight for Stability	7500 lbs.

GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	TEL-31-NE	Standard TEL-31-NE telescopic aerial device	\$27,136.00
	TEL-35-NE	Standard TEL-35-NE telescopic aerial device	\$27,788.00

**Platform Control Options**

1	C-1215-X	Individual toggle controls with two speed control system	Standard
	C-1215-X	Individual toggle controls with variable speed control system	\$914.00
	C-1215-1/2	Single stick control with variable speed	\$2,259.00

**Platform Rotation Options**

1	PS-1215-2/12	Standard (non-rotating) platform support	Standard
	PS-1215-1/11	180 degree platform rotator	\$1,696.00

**Platform Options**

1	SB-1520-1	Steel 49 X 33 X 43 in.	Standard
	FB-1520-20	Duck-under 24x42x42 open to curb side	-\$516.00
	FB-1510-15	Walk-in 24x42x42, open to curb side	-\$516.00
	Delete	Standard Platform	-\$1,078.00

**Platform Tools**

1	PW-1215-1	GFCI receptacle for 120V power at platform	\$186.00
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**Platform Accessories**

SA-12	SA-12	Tool pouch accessory cavity mtd.	\$41.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-58	Door tool pouches (shipped loose)	\$82.00
	SA-61	120v Heater-Universal mount	\$401.00
	SA-72	240v Heater-Universal mount	\$401.00
	SA-75	Fold down seat (square platform)	\$106.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

**Rotation Options**

1	RO-1215-1	Standard is Electric Rotation Stop	Standard
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	RO-1215-3/4/5	Continuous rotation - (requires slip ring 10 )	\$545.00
<b>Platform Capacities</b>			
1	CA-876	Standard platform capacity of 440 lbs. Domestic	Standard
	CA-22	Platform capacity to 440 lbs. Export	\$ -
<b>Pedestal Options</b>			
1	P-1215-1	Standard 41 in. tall pedestal	Standard
	P-1215-2	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1215-3	12 in. taller pedestal (52 in. Tall)	\$212.00
<b>Lower Control Options</b>			
1	C-1210-52	Remote lower control box	Standard
	C-1210-56	Remote handheld lower controls	\$300.00
<b>Control Circuit Options</b>			
	EP-1215-1	Emergency power, 12VDC hydraulic system	\$719.00
1	SS-44	Standard 12V start/stop (requires 2 slip reings)	
	Delete	Delete engine start/stop	(\$44.00)
	61006-2	Extra 18/19 wire cable	\$230.00
<b>Collector Ring Options</b> ( Collector ring is only needed in conjunction with continuous rotation)			
	Not Avail.	Extra slip Rings required	-
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector Ring 20-Pass	\$958.00
1	Not Required	Slip Rings not required	\$ -
<b>Misc. Options</b>			
	29092/29093	Extra Operators and Service Manual, ( English)	\$92.00
	LV-1215-1	Low Voltage Option	\$ -
	LV-1215-2	Low Voltage Insulation Test	\$112.00
	HR-5	120 Volt hour meter	\$98.00
	HR-6	12 Volt hour meter	\$98.00
	PS-11	Tubular rubber platform support	\$69.00
	RE-1200-1	Remote 30 gal. hydraulic oil reservoir, (in lieu of std. Integral reservoir)	\$862.00
	SD-1200-11	Body belt and lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
	Delete	Delete boom cradle assembly	(\$44.00)
	Delete	Delete Mounting Hardware	(\$96.00)
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane	Special color urethane (specify color code)	\$523.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,046.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult factory
		Base coat/clear coat. Metallic.	Not available
<b>Underframe Torsion</b>			
	TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00
	TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,131.00
	TB-1400-15	Underframe Torsion Bar 08+ Dodge 4500/5500	\$1,263.00
	TB-1400-21	Underframe Torsion Bar2011 F-350	\$1,118.00

**Over Frame Torsion**

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$911.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500 (Level Ride)	\$1,264.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)	\$1,053.00
TB-1400-24	Overframe Torsion Bar 2011 Ford F-350	\$945.00

**Outriggers (Include two control valves and a selector)**

OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,020.00
OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,020.00
OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,020.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,020.00

**Outrigger Control Valves**

0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated), ILO standard	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

**Power Sources**

GN-80	5.5 Onan gasoline generator (requires fuel pump) excluding battery and box	\$3,552.00
GN-79	7.0 Onan gasoline generator (requires fuel pump) excluding battery and box	\$5,061.00
HS-1210-1	12 Volt DC drive including pump	\$1,397.00

**Extended Warranty**

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift TEL-35-EIH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated, end mounted 35 ft. 3 in. telescopic aerial platform lift, including the items listed

- 1 Standard/maximum platform capacity of 440 lbs.
- 2 Platform mounted full pressure unitrol single-stick control including emergency stop, safety trigger and hydraulic platform leveling with tilt for cleanout or rescue.
- 3 Full pressure turret mounted lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Fiberglass inner boom provides insulation meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 Inner boom finished with white urethane paint over white gel coat.
- 9 Ground access turret providing boom articulation from 25o below horizontal to 80o above horizontal.
- 10 Multi-link hose carrier system through booms.
- 11 Non-lube bearings used at all pivot points.
- 12 Integral hydraulic oil reservoir with dual sight gauges and 12 gal. capacity.
- 13 Closed 24 in. x 42 in. x 42 in. fiberglass platform with two steps.
- 14 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 15 Boom cradle and ratchet type tie down strap.
- 16 Mounting hardware for chassis installation (specify make/model).

- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 18 PTO and pump
- 19 Standard white urethane paint.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 22 Two Slope indicators and decals.
- 23 Spring loaded bucket rest
- 24 Standard installation of aerial and body

Recommended Chassis Mounting with Torsion Bar:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	7.5in <sup>3</sup>
Minimum Frame Resisting Bending Moment	270,000 in.-lbs.
Approximate Curb Weight for Stability	8250 lbs.

GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	9,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	TEL-35-EIH	Standard TEL-35-EIH telescopic aerial device	\$33,488.00
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Platform Support

1	PS-1215-10	Standard (non-rotating) platform support	Standard
	PS-1215-9	180 degree platform rotator	\$1,705.00

Platform Support

1	SC-1215-1/3/5/7	Unitrol right hand single stick upper control	Standard
	SC-1215-2/4/6/8	Unitrol left hand single stick upper control	\$ -

Right Hand Single-Stick Platform Options

1	FB-999	Closed 24 X 42, 2 steps to curb side	Standard
	FB-983	Closed 24 X 30, 2 steps to curb side	-\$246.00
	FB-984	Closed 24 square, 2 steps to curb side.	-\$315.00
	FB-1520-13	Duckunder 24 square, open to curb side (requires door)	-\$422.00
	FB-1520-12	Duckunder 24 X 30, open to curb side (requires door)	-\$249.00
	FB-1510-13	Walk-in 24 X 30, open to curb side (requires door)	-\$315.00
	FB-1510-12	Walk-in 24 square, open to curb side (requires door)	-\$422.00
	FB-1510-14	Walk-in 24 X 42, open to curb side (requires door)	\$ -
	Delete	Standard Platform	-\$766.00

Left Hand Single-Stick Platform Options

	FB-XX	Closed 24 X 42, 2 steps to street side	\$ -
	FB-XX	Closed 24 square, 2 steps to street side	-\$315.00
	FB-XX	Closed 24 X 30, 2 steps to street side	-\$246.00

Platform Accessories

	CB-2	Platform cover, nylon/vinyl, 24 X 24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24 X 30 in.	\$147.00
	CB-8	Platform cover, nylon/vinyl 24 X 42 in	\$212.00
	LR-3	Platform liner 24 X 24 X 42 in.	\$392.00
	LR-5	Platform liner 24 X 30 X 42 in.	\$506.00
	LR-10	Platform liner 24 X 42 X 42 in.	\$541.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00

	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8 X 19 X 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7 X 15 X 17 in.	\$220.00
Rotation Options			
1	RO-2	Standard Rotation Stop	Standard
	RO-1215-6	Continuous rotation	
Platform Capacities			
1	CA-876	Standard/maximum platform capacity of 440 lbs.	Standard
	CA-900	Platform capacity of 300 lbs.	\$ -
	CA-853	Platform capacity of 350 lbs.	\$ -
	CA-901	Platform capacity of 400 lbs.	\$ -
Pedestal Options			
1	P-1215-4	Standard 41 in. tall pedestal	
	P-1215-5	6 in. taller pedestal (47 in. tall)	\$106.00
	P-1215-6	12 in. taller pedestal (52 in. Tall)	\$212.00
Priority Flow Control Options			
	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00
2 Speed Control Options			
	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$692.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$560.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$646.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$15.00
Auto Throttle Control Options			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00
Control Circuit Option			
	CC-900	Extra control circuit (requires 1 slip ring)	\$146.00
	EP-101	Emergency 12V DC hydraulic system. Requires 1 slip ring	\$799.00
0	LT-5	Lift throttle (included with throttle control)	\$67.00
1	SS-57	Standard 12V start/stop	Standard
	Delete	Delete engine start/stop	(\$117.00)
Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)			
		Extra Slip Rings required	\$ -
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00

0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -
Misc. Options			
	39010/39011	Extra operator's manual and service manual (in English)	\$92.00
	RE-1260-3	Remote 30 gal. (115 l) hydraulic oil reservoir	\$1,719.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	Delete	Delete Pedestal mounting hardware	(\$96.00)
	Delete	Delete Boom cradle assembly	(\$44.00)
	OB-1215-5	Add ELECTROGARD on outer boom	\$819.00
Paint Options			
1	Std. White	Standard white urethane	
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$427.00
	6 mil Urethane Special	Special Color Urethane (specify color code)	\$523.00
	Not Available	Special Color Extreme Climate Urethane (6 mils)	\$1,046.00
		Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
Underframe Torsion			
	TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,097.00
	TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,130.00
	TB-1400-15	Underframe Torsion Bar 08+ Dodge 4500/5500	\$1,243.00
	TB-1400-21	Underframe Torsion Bar 2011 F-350	\$1,115.00
	TB-1400-22	Underframe Torsion Bar 11+ Dodge/Sterling 4500/5500 Stable-Ride	\$1,217.00
	TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,235.00
Over Frame Torsion			
	TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$912.00
	TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500 (Level Ride)	\$1,263.00
	TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)	\$1,263.00
	TB-1400-24	Rear Overframe Torsion Bar 2011 Ford F-350	\$854.00
Outriggers (Include two control valves and a selector)			
	OR-1400-17	H-frame outriggers. 2 x 8 in. cross tube shipped loose	\$4,070.00
	OR-1400-1	A-frame outrigger with pivot feet for 30 to 35 in. frame heights	\$4,070.00
	OR-1400-2	A-frame outriggers with pivot feet for 36 to 40 in. frame heights	\$4,070.00
	OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,070.00
Outrigger Control Valve Options			
0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated), ILO standard	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00
Power Sources			
	GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,655.00
Extended Warranty			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift SST-36-N/NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Non-insulated, end mounted 35 ft. 6 in. telescopic aerial platform lift including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Upper electric controls, mounted at end of inner boom, including master control and emergency stop.
- 3 Remote mounted electric lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 One and one-half to two gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Multi-link hose carrier system through booms.
- 8 Non-lube bearings used at all pivot points.
- 9 Tubular rectangular pedestal.
- 10 External hydraulic oil reservoir with 6 gal. capacity.
- 11 Gravity-leveled, duck under 24 in. x 24 in. x 42 in. side mounted fiberglass platform with opening towards the pedestal.
- 12 Molded rubber boom cradle.
- 13 Mounting hardware for chassis installation (specify make/model).
- 14 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 15 PTO and pump
- 16 White urethane paint.
- 17 Two operator's manuals and two service manuals (in English).

- 18 ANSI A92.2 data plate.
- 19 Two Slope Indicators with decals.
- 20 Standard installation of aerial and body

**Recommended Chassis Mounting with Torsion Bars:**

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	9.25 in <sup>3</sup>
Minimum Frame Resisting Bending Moment	333,000 in.-lbs.
350 lb. Platform capacity with rear torsion bar      Approximate Curb Weight for Stability	12,000 lbs.
350 lb. Platform capacity with H-frame outriggers behind cab      Approximate Curb Weight for Stability	10,000 lbs.
GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	10,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	SST-36-N	Standard SST-36-N telescopic/articulating aerial device with side mounted platform and electric/hydraulic controls	\$27,498.00
1	SST-36-NE	End hung platform in lieu of side hung	\$752.00

**Upper Controls for SST-36-N Only**

1	C-1230-17	Standard platform support with controls on boom tip of platform	Standard
	C-1230-17 & -20	Upper control with two speed system. Gives a choice between normal and slow speeds.	\$439.00
	C-1230-18	Upper controls with variable speed system. Allows for feathering of control functions.	\$1,001.00

**Lower Controls**

1	RC-1230-6/7	Remote Lower Control Box	Standard
	RC-1230-10/11	Remote handheld control with 30 foot cord	\$44.00

**Platform Support for SST-36-N only**

1	PS-1210-1	Standard platform support with gravity leveling	Standard
	PS-1230-25	Platform support with Hydraulic levelling.	\$850.00

**Platform Support for SST-36-NE only**

1	PS-1210-6	Standard platform support	Standard
	PS-1230-10	Manual 180 degree positioner for 24"/30" platform (Platform must be positioned before unit is elevated).	\$540.00

**Platform Tools**

1	AL-1210-2	Pneumatic circuit (1/4 in. airline) to platform	\$124.00
	PW-1210-1	GFCI receptacle for 120 V power at platform	\$186.00

**Platform Options for SST-36-N only**

1	FB-1520-7	Duck-Under, 24x24x42 Inch Tall, Open To Pedestal, Std chassis mount	Standard
	FB-1520-6	Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	\$ -
	FB-1520-11	Duck-Under, 24x30x42 Inch Tall, Open To Pedestal	\$205.00
	SA-1520-6	Duck-Under, 24x24x42 Inch Tall, Open To Pedestal, Cavity To Curb Side	\$220.00
	SA-1520-7	Duck-Under, 24x24x42 in, Open To Curb Side, Cavity To Rear	\$220.00
	SA-1520-5	Duck-Under 24x30x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$425.00
	SA-1520-8	Duck-Under 24x24x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$220.00
	PB-1520-1	Plastic, Duck-Under, 24x30x42 Inch Tall, Open To Pedestal	\$205.00

PB-1520-2	Plastic, Duck-Under, 24x24x42 Inch Tall, Open To Pedestal	\$52.00
PB-1520-3	Plastic, Duck-Under, 24x24x42 Inch Tall, Open To Curb Side	\$52.00
FB-1510-6	Walk-In 24x24x42 Inch Tall, Open To Curb Side	\$52.00
FB-1510-7	Walk-In 24x30x 42 Inch Tall, Open To Pedestal	\$205.00
FB-1510-37	Walk-In 24x30x42 Inch Tall, Open To Curb Side (open on long side)	\$205.00
SA-1510-5	Walk-In 24x24x42 Inch Tall, Open Pedestal, Cavity To Rear	\$220.00
SA-1510-4	Walk-In 24x24x42 Inch Tall, Open To Curb Side, Cavity To Rear	\$220.00
SA-1510-6	Walk-In 24x30x42 Inch Tall, Open To Pedestal, Cavity To Rear	\$425.00
SA-1510-3	Rotating platform, Walk-In 26 in dia x 39 in (Requires Hydraulic Leveling)	\$862.00
FB-99	Closed, 24x24x42 Inch Tall, 1 Step To Pedestal	\$52.00
FB-100	Closed, 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
FB-107	Closed, 24x24x42 Inch Tall, 1 Step To Rear, 1 Low Step To Curb Side	\$156.00
Delete	Delete Standard Platform and Spine	-\$665.00

#### Platform Options for SST-36-NE only

1	FB-1520-15	Standard Duckunder 24 square, open to Curb Side	
	FB-1520-14	Duckunder 24 square, open to Curb Side (Raised 8 in.)	\$52.00
	FB-1520-18	Duckunder 24x30, open towards Curb Side (Raised 8 in.)	\$205.00
	SA-1520-2	Duckunder 24 square, open to Curb Side, cavity to rear (Raised 8 in.)	\$220.00
	SA-1520-1	Duckunder 24x30, open to Curb Side, cavity to street-side (Raised 8 in.)	\$436.00
	FB-1520-16	Duckunder 24 square, open to Street-side (Raised 8 in.)	\$52.00
	FB-1510-11	Walk-in 24 square, open to Curb Side	\$52.00
	FB-1510-31	Walk-in 24 square, open opposite the ribs	\$52.00
	FB-1510-10	Walk-in 24 square, open to Curb Side (Raised 8 in.)	\$52.00
	FB-1510-16	Walk-in 24x30, open to Curb Side (Raised 8 in.)	\$205.00
	FB-1510-17	Walk-in 24x30, open to Curb Side	\$205.00
	FB-1510-34	Walk-in 24x30, open opposite the ribs	\$205.00
	SA-1510-10	Walk-in 24 square, open to Curb Side, cavity to rear (Raised 8 in.)	\$220.00
	SA-1510-11	Walk-in 24 square, open to Curb Side, cavity to rear	\$220.00
	FB-1510-9	Walk-in 24 square, open to Street-side (Raised 8 in.)	\$52.00
	SA-1510-8	Walk-in 24 square, open to Street-side	\$52.00
	SA-1510-9	Walk-in 24 square, open to Street-side, cavity to rear (Raised 8 in.)	\$220.00
	SA-1510-17	Walk-in 24x30, open to Curb Side cavity to street side (Raised 8 in.)	\$436.00
	FB-908	Closed 24 square, 1 step to Curb Side	\$52.00
	FB-93	Closed 24 square, 1 step Curb Side/1 flat step bottom rib side	\$156.00
	FB-925	Closed 24 square, 1 step to Street Side	\$52.00
	FB-910	Closed 24 square, 1 step opposite ribs	\$52.00
	FB-210	Closed 24 square, 1 step to Curb Side, 1 step Street side	\$156.00
	FB-909	Closed 24 square, 2 steps opposite ribs	\$156.00
	FB-95	Closed 24x30, 1 step Curb Side/1 flat step bottom rib side	\$308.00
	FB-911	Closed 24x30, 1 step Curb Side	\$205.00
	FB-912	Closed 24x30, 1 step Street-Side	\$205.00
	FB-913	Closed 24x30, 1 step Curb Side and 1 step Street-Side	\$308.00
	FB-955	Closed 24x30, 1 step Curb Side (21 in. from top)	\$205.00
	FB-911	Closed 24x30, 2 steps Curb Side	\$308.00

#### Platform Accessories

	CB-14	24 square Transparent tent & top	\$767.00
	CB-2	Platform cover, nylon/vinyl, 24 square	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30	\$147.00
	SA-12	Tool pouch accessory cavity mtd.	\$41.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-58	Door tool pouches (shipped loose)	\$82.00
	SA-61	120v Heater-Universal mount	\$401.00
	SA-72	240v Heater-Universal mount	\$401.00
	SA-75	Fold down seat (square platform)	\$106.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00

	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Platform Capacities</b>			
1	CA-853	Increase to 350 lbs. platform capacity. Will affect total weight required for stability	Standard
	CA-900	Standard platform capacity of 300 lbs.	\$ -
<b>Pedestal Options</b>			
1	P-1230-10	Standard 42 inch Tall Pedestal	Standard
	P-1230-11	6 inch Taller (48 inch) Pedestal	\$132.00
	P-1230-12	12 inch Taller (54 inch) Pedestal	\$185.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$576.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$640.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$636.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$507.00
<b>Control Circuit Options</b>			
	EL-1230-3	Emergency lowering valve for upper boom only. Manual needle valve is located at upper controls	\$341.00
	EP-1230-12	Emergency Power, 12VDC Hydraulic System	\$679.00
1	SS-1230-8	Start stop is standard	Standard
	Delete-SS	Delete engine start/stop	(\$44.00)
	61006-2	Extra 19 wire cable for electrical control circuit	\$230.00
<b>Misc. Options</b>			
	29045/29046	Extra operator's manual and service manual	\$92.00
	Delete	One Operator and one Service Manual (Export only)	(\$54.00)
	BC-1200-7	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	LE-7	Lift eye on outer boom with 500lb. capacity	\$85.00
	PC-4	Upper control cover	\$60.00
	PS-922	Rubber Tube platform rest	\$69.00
	RE-1200-1	Remote 30 gal. hydraulic reservoir	\$1,400.00
	SD-1200-11	Body belt and lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
	Delete	Delete Mounting Hardware	(\$163.00)
	68143-1	12V/24V converter	\$805.00
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$632.00
	6 mil Urethane	Special color urethane (specify color code)	\$776.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,553.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Rear Underframe Torsion</b>			
	TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,100.00
	TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,160.00
	TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,300.00
	TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,281.00

**Rear Over Frame Torsion**

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$912.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level Ride)	\$1,300.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,080.00

**Main Outriggers (Include two control valves and a selector)**

OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
OR-1400-2	Modified-A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-17	H-frame 2X8 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$4,070.00

**Outrigger Valves & Interlocks**

0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-2/4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve	\$27.00

**Power Sources**

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,552.00
GN-1210-2	7.0 Onan gasoline generator (requires fuel pump)	\$5,066.00
HS-1210-1	12 Volt DC drive including pump,motor with solonoid. (without battereis and enclosure)	\$1,398.00
HS-1200-1	Single speed 12V DC drive system. Includes standard aluminum enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm pump, and dri-dek, 2 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries .	\$4,161.00
HS-1200-2	Single speed 12V DC drive system. Includes standard enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm pump, and dri-dek. Does NOT include batteries.	\$2,618.00
BY-1200-3	Plug in 120V AC to 12V DC charger. 25 amp.	\$554.00
GK-1200-1	12V DC Battery Gauge	\$135.00
EC-1200-3	Idle Control Module (auto engine start)	\$1,240.00

**Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift SST-37/40-NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

SST-37-NE Non-insulated, end mounted 36 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

SST-40-NE Non-insulated, end mounted 39 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

- 1 Standard platform capacity of 300 lbs.
- 2 Platform, exterior mounted electric controls including master control and emergency stop.
- 3 Turret mounted electric lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system. Operating pressure is 2250 psi
- 6 Two gpm open center hydraulic system.
- 7 Multi-link hose carrier system through booms.
- 8 Non-lube bearings used at all pivot points.
- 9 Integral hydraulic oil reservoir with dual sight gauges and 12 gal. capacity.
- 10 Duck-under 24 in. x 24 in. x 42 in. fiberglass platform with curbside opening.
- 11 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 12 Molded rubber boom cradle.
- 13 Mounting hardware for chassis installation (specify make/model).

- 14 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 15 PTO and pump
- 16 Hydraulic oil not included.
- 17 White urethane paint.
- 18 Two operator's manuals and two service manuals (in English).
- 19 ANSI A92.2 data plate.
- 20 Two Slope Indicators with decals.
- 21 Standard installation of aerial and body

**Recommended Chassis Mounting with Torsion Bars:**

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	9.25 in <sup>3</sup>
Minimum Frame Resisting Bending Moment	333,000 in.-lbs.

Up to 350 lb. Platform capacity	Approximate Curb Weight for Stability	11,500 lbs.
GAWR1		14,500 lbs.
GAWR2 (Front)		5,000 lbs.
GAWR2 (Rear)		10,000 lbs.

Up to 400 lb. Platform capacity	Approximate Curb Weight for Stability	12,500 lbs.
GAWR1		17,500 lbs.
GAWR2 (Front)		6,000 lbs.
GAWR2 (Rear)		13,500 lbs.

Note: Additional ballast is required for C-4500/5500 chassis. Add 1860 lbs more for SST-37.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	SST-37-NE	Standard SST-37-NE telescopic/articulating aerial device with electric/hydraulic controls	\$29,435.00
	SST-40-NE	Standard SST-40-NE telescopic/articulating aerial device with electric/hydraulic controls	\$30,263.00

**Upper Controls**

1	C-1230-1/2	Standard platform support with controls on outside of platform	Standard
	TS-1230-1 +	Outside controls with two speed control system. Gives a choice between normal and slow speeds.	\$439.00
	C-1230-1/2	Outside controls with variable speed control system. Allows for feathering of control functions.	\$1,001.00
	C-1230-3/4	Joystick with variable speed control system. Mounted on outside of platform.	\$2,259.00

**Lower Controls**

1	HYD1230-27/28	Standard lower controls on turret	Standard
	RC-1230-1	Remote Lower Control Box (requires 20 pass collector ring if unit has continuous rotation)	\$237.00
	RC-1230-2	Remote handheld control with 30 foot cord (requires 20 pass collector ring if unit has continuous rotation)	\$237.00

**Platform Support**

1	PS-1230-11	Standard platform support	Standard
	PS-1230-10	Manual 180 degree positioner for 24"/30" platform (Platform must be positioned before unit is elevated).	\$540.00

**Platform Tools**

	AL-1230	Pneumatic circuit (1/4 in. airline) to platform	\$124.00
1	PW-1230	GFCI receptacle for 120 V power at platform (requires 3 slip rings)	\$186.00

**Platform Options**

1	FB-1520-14	Standard Duckunder 24 square, open to Curb Side	Standard
	FB-1520-15	Duckunder 24 square, open to Curb Side (Lowered 8 in.)	\$52.00
	FB-1520-18	Duckunder 24x30, open towards Curb Side	\$205.00
	SA-1520-2	Duckunder 24 square, open to Curb Side, cavity to rear	\$220.00
	SA-1520-1	Duckunder 24x30, open to Curb Side, cavity to street-side	\$436.00
	FB-1520-16	Duckunder 24 square, open to Street-side	\$52.00
	FB-1520-19	Duckunder 24x42, open towards US street side when lift is mounted behind the cab	\$373.00
	FB-1520-20	Duckunder 24x42, open towards US curb side when lift is mounted behind the cab	\$373.00
	FB-1510-11	Walk-in 24 square, open to Curb Side	\$52.00
	FB-1510-10	Walk-in 24 square, open to Curb Side (Lowered 8 inches)	\$52.00
	FB-1510-16	Walk-in 24x30, open to Curb Side	\$205.00
	FB-1510-17	Walk-in 24x30, open to Curb Side (Lowered 8 inches)	\$205.00
	SA-1510-10	Walk-in 24 square, open to Curb Side, cavity to rear	\$220.00
	SA-1510-11	Walk-in 24 square, open to Curb Side, cavity to rear (Lowered 8 inches)	\$220.00
	FB-1510-9	Walk-in 24 square, open to Street-side	\$52.00
	SA-1510-8	Walk-in 24 square, open to Street-side (Lowered 8 in.)	\$52.00
	SA-1510-9	Walk-in 24 square, open to Street-side, cavity to rear	\$220.00
	FB-1510-15	Walk-in 24x42, open to Curb Side	\$375.00
	FB-108	Closed 24 square, 1 step to Curb Side	\$52.00
	FB-94	Closed 24 square, 1 step Curb Side/1 flat step bottom rib side	\$156.00
	FB-96	Closed 24x30, 1 step Curb Side/1 flat step bottom rib side	\$308.00
	SB-43	Steel, open to Curb-side, left hinge door, tool hook	\$1,341.00
	SB-44	Steel, open to Curb-side, right hinge door, tool hook	\$1,341.00
	SB-45	Steel, open to Curb-side, left hinge door	\$1,341.00
	SB-46	Steel, open to Curb-side, right hinge door	\$1,341.00

**Platform Accessories**

	CB-14	24 square Transparent tent & top	\$767.00
	CB-2	Platform cover, nylon/vinyl, 24 square	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30	\$147.00
	SA-12	Tool pouch accessory cavity mtd.	\$41.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-58	Door tool pouches (shipped loose)	\$82.00
	SA-61	120v Heater-Universal mount	\$401.00
	SA-72	240v Heater-Universal mount	\$401.00
	SA-75	Fold down seat (square platform)	\$106.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

**Rotation Options**

1	RO-1230-7	Standard non-continuous with mechanical Rotation Stop	Standard
	RO-61	Continuous rotation (requires 20 or 30 pass collector ring for remote lower controls)	\$465.00

**Platform Capacities**

1	CA-900	Standard platform capacity of 300 lbs.	Standard
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CA-853	Increase to 350 lbs. platform capacity. Will affect total weight required for stability	-
CA-901	Increase to 400 lbs. platform capacity. Will affect total weight required for stability	-

#### Pedestal Options

1	P-1230-3	Standard chassis pedestal, 47 in. height	Standard
	P-1230-2	Shorter pedestal for 6 in. less clearance, 41 in. height	-\$132.00
	P-1230-1	Shorter pedestal for 12 in. less clearance, 35 in. height	-\$132.00
	P-1230-4	Taller pedestal for 6 in. additional clearance, 53 in. height	\$132.00
	P-1230-5	Taller pedestal for 12 in. additional clearance, 59 in. height	\$132.00
	BM-1230-2	Bridge Mount Pedestal for transverse compartment (SST-37 only). Legs ship loose. 46 -52 in. height. Requires external reservoir.	\$492.00
	P-1230-14	Pedestal riser, 8 in. high (pre-welded to fit under pedestal)	\$575.00
	P-128	Adjustable riser which can be modified to provide 16 in. to 39 in. additional height	\$567.00

#### Priority Flow Control Options

CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
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#### 2 Speed Throttle Control Options

CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$520.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$468.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$630.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$554.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$570.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$659.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$531.00

#### Control Circuit Options

	EL-1230-1	Emergency lowering valve for upper boom only. Manual needle valve is located at upper controls	\$341.00
	EP-104	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$719.00
0	LT-4/1210-1	Lift throttle (included with throttle control)	\$30.00
1	SS-62	Start stop is standard (requires 2 slip rings)	Standard
	Delete-SS	Delete engine start/stop	-\$44.00
	61006-2	Extra 19 wire cable for electrical control circuit	\$230.00

#### Collector Ring Options, (Collector ring is only needed in conjunction with continuous rotation)

	Not Avail.	Extra slip Rings required	-
0	28457-2	Collector Ring 3-Pass (only for controls on the turret)	\$275.00
0	28457-3	Collector Ring 5-Pass (only for controls on the turret)	\$280.00
0	28457-4	Collector Ring 7-Pass (only for controls on the turret)	\$332.00
0	4382-5	Collector Ring 10-Pass (only for controls on the turret)	\$408.00
0	4382-6	Collector Ring 20-Pass (required for remote lower controls)	\$958.00
1	Not Required	Slip Rings not required	-

#### Misc. Options

	28015-04/28016	Extra operator's manual and service manual	\$92.00
	Delete	One Operator and one Service Manual (Export only)	-\$54.00

BC-1200-7	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
LE-7	Lift eye on outer boom with 500lb. capacity	\$85.00
PS-922	Rubber Tube platform rest	\$69.00
RE-1200-1	Remote 30 gal. (115 l) hydraulic reservoir	\$1,719.00
SD-1200-11	Body belt and lanyard	\$103.00
SD-1200-48	Full body harness and lanyard	\$205.00
SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
Delete	Delete Mounting Hardware	-\$163.00
68143-1	12V/24V converter	\$805.00

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$632.00
	6 mil Urethane	Special color urethane (specify color code)	\$776.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,553.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

#### Front Torsion Bar

TB-1400-13	Front Torsion Bar 08 & Up F-450/550 Super Crew Cab 6.8L V-10 4X2	\$1,222.00
TB-1200-19	Front Torsion Bar 2011 and up F-550 4x2 chassis with reinforced frame (19,500 lb) gas or deisel	\$1,222.00
TB-1400-20	Front Torsion Bar 2011 and up F-450/550 4x2 chassis (18,00 lb. gvwr or less) gas or deisel	\$1,222.00
TB-1400-25	Front Torsion Bar 2011 and up International Terrestar	\$1,222.00

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,117.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,130.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500	\$1,263.00
TB-1400-22	Underframe Torsion Bar 11+ Dodge/Sterling 4500/5500 Stable-Ride	\$1,208.00
TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,226.00

#### Over Frame Torsion

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$910.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level Ride)	\$1,263.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,055.00

#### Main Outriggers (Include two control valves and a selector)

OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
OR-1400-2	Modified-A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-17	H-frame 2X8 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$4,070.00

#### Outrigger Valves & Interlocks

0	VK-1400-31/35	Electric Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-2/4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve	\$27.00

#### Power Sources

GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,552.00
GN-1210-2	7.0 Onan gasoline generator (requires fuel pump)	\$5,066.00
HS-1210-1	12 Volt DC drive including pump,motor with solenoid. (without battereis and enclosure) Typically mounts in pedestal	\$1,398.00
HS-1200-1	Single speed 12V DC drive system. Includes standard aluminum enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm pump, and dri-dek, 2 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries .	\$4,161.00
HS-1200-2	Single speed 12V DC drive system. Includes standard enclosure, isolator, double pole single throw contactor (for charging), motor, 2 gpm pump, and dri-dek. Does NOT include batteries.	\$2,618.00
BY-1200-3	Plug in 120V AC to 12V DC charger. 25 amp.	\$554.00
GK-1200-1	12V DC Battery Gauge	\$135.00
EC-1200-3	Idle Control Module (auto engine start)- Requires Battery Charger.	\$1,240.00

**Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip:	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift SST-37/40-ENH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

SST-37-ENH Non-insulated, end mounted 36 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

SST-40-ENH Non-insulated, end mounted 39 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure Unitrol single-stick control with safety trigger and emergency stop.
- 3 Full pressure turret mounted lower controls including override.
- 4 Engine start/stop from platform and lower controls.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm (11.4 lpm) open center hydraulic system. Operating pressure is 2250 psi
- 7 Multi-link hose carrier system through booms.
- 8 Non-lube bearings used at all pivot points.
- 9 Integral hydraulic oil reservoir with dual sight gauges and 12 gal. capacity.
- 10 Closed 24 in. x 24 in. x 42 in. fiberglass platform with one curbside step. Consult Field Tip #89 for platform variations.
- 11 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 12 Molded rubber boom cradle.
- 13 Mounting hardware for chassis installation (specify make/model).
- 14 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 15 PTO and pump
- 16 Hydraulic oil not included.
- 17 White urethane paint.
- 18 Two operator's manuals and two service manuals (in English).
- 19 ANSI A92.2 data plate.
- 20 Two Slope Indicators with decals.
- 21 Spring loaded bucket rest
- 22 Standard installation of aerial & body

Recommended Chassis Mounting with Torsion Bars:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	9.25 in <sup>3</sup>
Minimum Frame Resisting Bending Moment	333,000 in.-lbs.

Up to 350 lb. Platform capacity (300 lb. with rotator) Approximate Curb Weight for Stability	11,500 lbs.
GAWR1	14,500 lbs.
GAWR2 (Front)	5,000 lbs.
GAWR2 (Rear)	10,000 lbs.

Up to 400 lb. Platform capacity (350 lb. with rotator) Approximate Curb Weight for Stability	12,500 lbs.
GAWR1	17,500 lbs.
GAWR2 (Front)	6,000 lbs.
GAWR2 (Rear)	13,500 lbs.

Note: Additional ballast is required for C-4500/5500 chassis. Add 1860 lbs more for SST-37

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	SST-37-ENH	Standard SST-37-ENH Non-insulated telescopic/articulating aerial device	\$32,106.00
	SST-40-ENH	Standard SST-40-ENH Non-insulated telescopic/articulating aerial device	\$33,021.00

**Upper Control**

1	SC-1230-1/3/5/7	Standard Right hand single stick control	Standard
	SC-1230-2/4/6/8	Left hand single stick control	\$ -
	SC-1230-9/ 10/11/12	4-Axis right hand single stick control	\$747.00

**Platform Support**

1	PS-1230-3/4/13	Standard (non-rotating) platform support	Standard
	PS-1230-7/8/9/12	180 degree platform rotator (reduces maximum platform capacity by 50 lbs.)	\$1,696.00

**Platform Tools**

	HP-1230-1/2	Hydraulic tool power at upper controls (throttle control or priority flow control required)	\$186.00
	AL-55/56/1230-3/4	Pneumatic circuit (1/4 in. airline) to platform (Not available with Emergency Lowering option)	\$124.00
1	PW-1230-1	GFCI receptacle for 120V power at platform (requires 3 slip rings)	\$186.00

**Lower Control**

1	HYD-1230-3	Standard full hydraulic controls on the turret	Standard
	HYD-1230-5	Full hydraulic controls on the turret with stow/unstow (platform leveling) at turret	\$220.00

HYD-1230-26	Electric/Hydraulic controls below rotation with handheld control (requires 11 pass slip rings with continuous rotation)	\$1,725.00
HYD-1230-24	Electric/Hydraulic controls below rotation with control box(requires 11 pass slip rings with continuous rotation)	\$1,700.00

**Right Hand Single-Stick Platform Options** (descriptions in end hung position)

1	FB-978	Closed 24 square x 42 deep, 1 step to curb side	Standard
	FB-1000	Closed 24x30 x42 toospace, 1 step to curb side	\$819.00
	FB-192	Closed 24x42x42, 1 step to curb side (reduces max. platform capacity by 50 lbs., 100 lbs. w/rotator)	\$375.00
	FB-1510-12	Walk-in 24 square x 42 deep, open to curbside	\$52.00
	FB-1520-13	Duckunder 24 square x 42 deep, open to curb side	\$52.00
	FB-1500-11	Closed 24 square, 1 step to rear	\$52.00
	FB-156	Closed 24x24x42 Toospace, 1 step to curb side	\$663.00
	FB-981	Closed 24x30x42 1 step to curb side	\$205.00
	FB-1510-13	Walk-in 24x30x42, open to curb side	\$205.00
	FB-1510-30	Walk-in 24x30x42 toospace, open to curb side	\$819.00
	FB-983	Closed 24x30x42, 2 steps to curb side	\$308.00
	FB-984	Closed 24 square x 42 deep, 2 steps to curb side	\$156.00
	FB-988	Closed 24x30x42, no step	\$205.00
	FB-990	Closed 24x30x42 , 1 step to rear	\$205.00
	FB-1520-12	Duckunder 24x30x42, open to curb side	\$205.00
	FB-1500-21	Closed 24x30x42 , 1 step to curb side and 1 step opposite ribs	\$308.00
	FB-994	Closed 24x30x39 toospace, 1 step to curb side	\$819.00
	FB-995	Closed 24 square x39 deep, 1 step to curb side	\$52.00
	FB-1510-14	Walk-in 24x42x42, open to curb side (reduces max. platform capacity by 50 lbs., 100 lbs w/rotator)	\$375.00
	FB-1500-44	Closed 24x30x39, 1 step opposite ribs	\$399.00
	FB-999	Closed 24x42x42, 2 steps to curb side (reduces max. platform capacity by 50 lbs., 100 lbs w/rotator)	\$478.00
	SA-1510-7	Walk-in 24 square x 42 deep, open to curb side, cavity to rear	\$220.00
	Delete	Delete Standard Platform	-\$811.00

**Left Hand Single-Stick Platform Options** (descriptions in end hung position)

	FB-996	Closed 24 square, 1 step to street side	\$52.00
	FB-855	Closed 24x30 x42 deep, no step	\$205.00
	FB-992	Closed 24x30x42, 1 step to rear	\$205.00
	FB-1500-3	Closed 24X30x42, 1 step to street side	\$205.00
	FB-190	Closed 24x42x42, 1 step to street side (reduces maximum platform capacity by 50 lbs.)	\$375.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
	CB-14	24 square Transparent tent & top	\$767.00
	SA-1530-8	24 x 30 Transparent tent & top	\$871.00
	SA-12	Tool pouch accessory cavity mtd.	\$412.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-58	Door tool pouches (shipped loose)	\$82.00
	SA-61	120v Heater-Universal mount	\$400.00
	SA-72	240v Heater-Universal mount	\$400.00
	SA-75	Fold down seat (square platform)	\$106.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x8 in.	\$186.00

	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Rotation Options</b>			
1	RO-1230-3/4	Standard is Non-continuous with a mechanical Rotation Stop	Standard
	RO-1230-1/2/5/6	Continuous rotation (must add collector ring assy)	\$465.00
<b>Platform Capacities</b>			
1	CA-900	Standard platform capacity of 300 lbs. (136 kg)	Standard
	CA-853	Increase to 350 lbs. (160 kg). Will affect total weight required for stability	\$ -
	CA-901	Increase to 400 lbs. (181 kg). Will affect total weight required for stability. Not available for 24 x 42 x 42 in. platform with rotator.	\$ -
	CA-854	Increase to 450 lbs. (204 kg). Will affect total weight required for stability. Not available with rotator. Not available with 24 x 42 x42 in. platform	\$ -
<b>Pedestal Options</b>			
1	P-1230-3	Standard chassis pedestal, 47 in. height	Standard
	P-1230-4	Taller pedestal for 6 in. (152 mm) additional clearance, 53 in. height	\$132.00
	P-1230-5	Taller pedestal for 12 in. (305 mm) additional clearance, 59 in. height	\$132.00
	P-1230-2	Shorter pedestal for 6 in. (152 mm) less clearance, 41 in. height	(\$132.00)
	P-1230-14	Pedestal riser, 8 in. (203 mm) high (pre-welded to fit under pedestal)	\$575.00
	P-128	Adjustable riser which can be modified to provide 16 in. (406mm) to 39 in. (1.0m) additional height	\$567.00
<b>Priority Flow Control Options</b>			
	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
<b>2 Speed Throttle Control Options</b>			
	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$520.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$468.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$630.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$554.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$570.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$659.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$531.00
<b>Control Circuit Options</b>			
	EL-1230-2	Emergency lowering valve for upper boom only. Manual needle valve is located at upper controls	\$341.00
	EP-102/ EP-1230-5	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	\$825.00
0	LT-2	Lift throttle (required with throttle control)	\$30.00
1	SS-61	Start stop is standard (requires 2 slip rings)	Standard
	Delete-SS	Delete engine start/stop	(\$44.00)
	61006-2	Extra 18/19 wire cable for electrical control circuit	\$230.00
<b>Collector Ring Options, (Collector ring is only needed with the continuous rotation option)</b>			
	Not Avail.	Extra slip Rings required	

0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -

#### DC drive Options

0	HC-1230-14	Actuation system for DC drive units. For lifts without tool power. Provides wires through boom including actuators and transceivers. Requires 3 slip rings.	\$466.00
	HS-1200-5	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$6,584.00
	HS-1200-6 BY-1200-1	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump and 120V AC to 36V DC charger (20 amp). Does NOT include batteries.	\$4,090.00
0	HC-1230-13	Actuation system for DC drive units. For lifts with tool power. Provides wires through boom including actuators and transceivers. Requires 3 slip rings .	\$514.00
	HS-1200-7 BY-1200-1	Two-speed 36V DC drive system (required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$8,826.00
	HS-1200-8 BY-1200-1	Two-speed 36V DC drive system (Required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3/5 gpm pump and 120V AC to 36V DC charger (20 amp). Does NOT include batteries.	\$6,332.00
	GK-1200-2	36V DC Battery Gauge	\$135.00
0	BY-1200-2	12V DC to 36V DC Charger (40 amp)	\$2,611.00
	EC-1200-3	Idle Control Module (auto engine start)- Requires 12V DC to 36V Battery Charger.	\$1,240.00

#### Misc. Options

	28011/28012	Extra operator's manual and service manual	\$92.00
	BC-1230-1	Ratchet boom cradle in lieu of rubberized boom cradle	\$ -
	BC-1200-7	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
	LE-7	Lift eye on outer boom with 500lb. (227 kg) capacity	\$85.00
	PS-922	Rubber Tube platform rest	\$69.00
	RE-1200-1	Remote 30 gal. (115 l) hydraulic reservoir	\$1,719.00
	SD-1200-11	Body belt and lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard , extra-large	\$205.00
	Delete	Delete Mounting Hardware	(\$163.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

#### Front Torsion Bar

	TB-1400-19	Front Torsion Bar 2011 and up F-550 4x2 chassis with reinforced frame (19,500 lb) gas or deisel	\$1,360.00
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TB-1400-20	Front Torsion Bar 2011 and up F-450/550 4x2 chassis (18,00 lb. gvwr or less) gas or deisel	\$1,230.00
TB-1400-25	Front Torsion Bar 2011 and up International Terrestar	\$1,228.00
<b>Underframe Torsion</b>		
TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,113.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,130.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge 4500/5500	\$1,265.00
TB-1400-22	Underframe Torsion Bar 11+ Dodge/Sterling 4500/5500 Stable-Ride	\$1,210.00
TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,228.00
<b>Over Frame Torsion</b>		
TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$910.00
TB-1400-14	Overframe Torsion Bar 08+ GM C4500/5500	\$980.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500 (Level Ride)	\$1,227.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)	\$1,053.00
<b>Main Outriggers (Include two control valves and a selector)</b>		
OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
OR-1400-2	Modified-A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-17	H-frame 2X8 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$4,070.00
<b>Outrigger Valves &amp; Interlock</b>		
0	VK-1400-10 12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7 Switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4 Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16 Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (Non ansi units only not available with outrigger boom interlock)	\$27.00
<b>Generator</b>		
	GN-1210-1 5.5 Onan gasoline generator (requires fuel pump)	\$3,552.00
<b>New Lift Extended Warranty</b>		
	EXT-WAR+1 1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR+2 2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift SST-37/40-EIH</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>
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#### Delivery

##### SEE SPECIAL TERMS AND CONDITIONS - NO FLAT RATE ALLOWED

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

**\*Note:** The "Discount to be Applied to Price List" must be a numeric percentage. Not listing a numeric percentage may result in your bid being rejected.

#### Description

SST-37-EIH Insulated, end mounted 36 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

SST-40-EIH Insulated, end mounted 39 ft. 8 in. telescopic/articulating aerial platform lift, including the items listed:

- 1 Standard platform capacity of 300 lbs.
- 2 Platform mounted full pressure Unitrol single-stick control with safety trigger and emergency stop.
- 3 TruGuard dielectric isolating system
- 4 Full pressure turret mounted lower controls including override.
- 5 Engine start/stop from platform and lower controls.
- 6 Non-continuous 370o rotation with mechanical limit system.
- 7 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 8 Fiberglass inner boom and patented ELECTROGARD provide 42 in. insulation gap fully retracted meeting ANSI A92.2-1990 requirements for Category C, 46 KV and below.
- 9 ELECTROGARD and inner boom finished with white urethane paint over white gel coat.
- 10 Multi-link hose carrier system through booms.
- 11 Non-lube bearings used at all pivot points.

- 12 Integral hydraulic oil reservoir with dual sight gauges and 12 gal. capacity.
- 13 Closed 24 in. x 24 in. x 42 in. fiberglass platform with one curbside step.
- 14 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 15 Molded rubber boom cradle for SST-37. Ratchet tie down for SST-40.
- 16 Mounting hardware for chassis installation (specify make/model).
- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements .See miscellaneous options.
- 18 PTO and pump
- 19 White urethane paint.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 22 Lower boom rest for SST-40 EIH only.
- 23 Two Slope Indicators with decals.
- 24 Spring loaded bucket rest
- 25 Standard installation of aerial & body

Recommended Chassis Mounting with Torsion Bars:

Minimum Cab to Rear Axle Dimensions	60 in.
Minimum Frame Section Modulus	9.25 in <sup>3</sup>
Minimum Frame Resisting Bending Moment	333,000 in.-lbs.

Up to 350 lb. Platform capacity (300 lb. with rotator)	Approximate Curb Weight for Stability	11,500 lbs.
GAWR1		14,500 lbs.
GAWR2 (Front)		5,000 lbs.
GAWR2 (Rear)		10,000 lbs.

Up to 400 lb. Platform capacity (350 lb. with rotator)	Approximate Curb Weight for Stability	12,500 lbs.
GAWR1		17,500 lbs.
GAWR2 (Front)		6,000 lbs.
GAWR2 (Rear)		13,500 lbs.

Note: Additional ballast is required for C-4500/5500 chassis. Add 1860 lbs more for SST-37 and 2280 lbs. More for SST-40.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	SST-37-EIH	Standard SST-37-EIH Insulated telescopic/articulating aerial device	\$31,699.00
	SST-40-EIH	Standard SST-40-EIH Insulated telescopic/articulating aerial device	\$32,593.00

**Upper Control**

1	SC-1230-1/3/5/7	Standard Right hand single stick control	Standard
	SC-1230-2/4/6/8	Left hand single stick control	\$ -
	SC-1230-9/10/11/12	4-Axis right hand control	\$747.00

**Platform Support**

1	PS-1230-3/4/13	Standard (non-rotating) platform support	Standard
	PS-1230-7/8/9/15/16	180 degree platform rotator (reduces maximum platform capacity by 50 lbs.)	\$1,696.00

**Platform Tools**

HP-1230	Hydraulic tool power at upper controls (throttle control or priority flow control required)	\$186.00
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**Lower Control**

1	HYD-1230-2	Standard full hydraulic controls on the turret	Standard
	HYD-1230-4	Full hydraulic controls on the turret with stow/unstow (platform leveling) at turret	\$220.00
	HYD-1230-25	Electric/Hydraulic controls below rotation with handheld control (requires 11 pass slip rings with continuous rotation). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$1,692.00
	HYD-1230-23	Electric/Hydraulic controls below rotation with control box (requires 11 pass slip rings with continuous rotation). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$1,658.00

**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-978	Closed 24 square x 42 deep, 1 step to curb side	Standard
	FB-1000	Closed 24x30 x42 toespace, 1 step to curb side	\$819.00
	FB-192	Closed 24x42x42, 1 step to curb side (reduces max. platform capacity by 50 lbs., 100 lbs. w/rotator)	\$375.00
	FB-1510-12	Walk-in 24 square x 42 deep, open to curbside. Requires Door	\$52.00
	FB-1520-13	Duckunder 24 square x 42 deep, open to curb side. Requires Door	\$52.00
	FB-1500-11	Closed 24 square, 1 step to rear	\$52.00
	FB-156	Closed 24x24x42 Toespace, 1 step to curb side	\$663.00
	FB-981	Closed 24x30x42 1 15 in. high step to curb side	\$205.00
	FB-1500-61	Closed 24x30x42 1 21 in. high step to curb side	\$288.00
	FB-1510-13	Walk-in 24x30x42, open to curb side. Requires Door	\$205.00
	FB-983	Closed 24x30x42, 2 steps to curb side	\$308.00
	FB-984	Closed 24 square x 42 deep, 2 steps to curb side	\$156.00
	FB-988	Closed 24x30x42, no step	\$205.00
	FB-990	Closed 24x30x42 , 1 step to rear	\$205.00
	FB-1520-12	Duckunder 24x30x42, open to curb side. Requires Door	\$205.00
	FB-1500-21	Closed 24x30x42 , 1 step to curb side and 1 step opposite ribs	\$308.00
	FB-994	Closed 24x30x39 toespace, 1 step to curb side	\$819.00
	FB-995	Closed 24 square x39 deep, 1 step to curb side	\$52.00
	FB-1510-14	Walk-in 24x42x42, open to curb side (reduces max. platform capacity by 50 lbs., 100 lbs w/rotator). Requires Door	\$375.00
	FB-1500-44	Closed 24x30x39, 1 step opposite ribs	\$399.00
	FB-999	Closed 24x42x42, 2 steps to curb side (reduces max. platform capacity by 50 lbs., 100 lbs w/rotator)	\$478.00
	SA-1510-7	Walk-in 24 square x 42 deep, open to curb side, cavity to rear. Requires Door	\$220.00
	Delete	Delete Standard Platform	(\$811.00)

**Left Hand Single-Stick Platform Options (descriptions in end hung position)**

	FB-996	Closed 24 square, 1 step to street side	\$52.00
	FB-855	Closed 24x30 x42 deep, no step	\$205.00
	FB-992	Closed 24x30x42, 1 step to rear	\$205.00
	FB-1500-3	Closed 24X30x42, 1 step to street side	\$205.00
	FB-190	Closed 24x42x42, 1 step to street side (reduces maximum platform capacity by 50 lbs.)	\$375.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
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CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-10	Platform liner 24x42x42 in.	\$541.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$279.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$186.00
-	Fire retardant platform 24 square	\$719.00
-	Fire retardant platform 24x30	\$762.00
-	Fire retardant platform 24x42	\$820.00

#### Rotation Options

1	RO-1230-3/4	StandardNon-continuous with Mechanical Rotation Stop	Standard
	RO-1230-1/2/5/6	Continuous rotation (must add collector ring assy)	\$465.00

#### Platform Capacities

1	CA-900	Standard platform capacity of 300 lbs.	Standard
	CA-853	Increase to 350 lbs. Will affect total weight required for stability	\$ -
	CA-901	Increase to 400 lbs. Will affect total weight required for stability. Not available for 24 x 42 x 42 in. platform with rotator.	\$ -
	CA-854	Increase to 450 lbs. Will affect total weight required for stability. Not available with rotator. Not available with 24 x 42 x42 in. platform	\$ -

#### Pedestal Options

1	P-1230-3	Standard chassis pedestal, 47 in. height	Standard
	P-1230-4	Taller pedestal for 6 in. additional clearance, 53 in. height	\$132.00
	P-1230-5	Taller pedestal for 12 in. additional clearance, 59 in. height	\$132.00
	P-1230-2	Shorter pedestal for 6 in. less clearance, 41 in. height	(\$131.00)
	P-1230-14	Pedestal riser, 8 in. high (pre-welded to fit under pedestal)	\$575.00
	P-128	Adjustable riser which can be modified to provide 16 in. to 39 in. additional height	\$567.00

#### Priority Flow Control Options

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

#### 2 Speed Throttle Control Options

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$576.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$817.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$490.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$445.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$603.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$531.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$324.00

#### Auto Throttle Control Options

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$576.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$556.00

	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$636.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$507.00
<b>Control Circuit Options</b>			
	CC-11	Control circuit from platform including air cylinder, airline and pressure switch (requires 1 slip ring)	\$206.00
	EL-1230	Emergency lowering valve for upper boom only. Manual needle valve is located at upper controls	\$341.00
	EP-101/1230-4	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$789.00
0	LT-1/1230-1	Lift throttle (required with two speed or priority flow)	\$67.00
1	Start/stop	Start/stop is standard (requires 1 slip ring)	Standard
	SS-Delete	Delete engine start/stop	(\$117.00)
<b>Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle</b>			
	RC-1260-11	Radio Control 12V Transmitter and Receiver with continuous rotation option (4-1 airline deleted). Slip rings not required for controls circuits but are still needed for electric/hydraulic lower controls and/or fiber-optics	\$1,186.00
<b>Collector Ring Options, (collector ring is only needed in conjunction with continuous rotation)</b>			
	Not Avail.	Extra slip Rings required	
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip rings not required	\$ -
<b>Fiber-Optic and DC drive Options</b>			
0	HC-1230	Fiber optic system for actuating DC drive units. For lifts without tool power.	\$1,571.00
	HCT-1230	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	
	HS-1200-5	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$6,584.00
	BY-1200-1		
	HS-1200-6	Single speed 36V DC drive system. Includes standard enclosure, motor, 3 gpm pump and 120V AC to 36V DC charger (20 amp). Does NOT include batteries.	\$4,090.00
	BY-1200-1		
0	HC-1230	Fiber optic system for actuating DC drive units. For lifts with tool power.	\$2,213.00
	HCT-1230	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings.	
	HS-1200-7	Two-speed 36V DC drive system (required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3 gpm pump, 3 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 36V DC charger (20 amp).	\$8,826.00
	BY-1200-1		
	HS-1200-8	Two-speed 36V DC drive system (Required for lifts with hydraulic tool power). Includes standard enclosure, motor, 3/5 gpm pump and 120V AC to 36V DC charger (20 amp) Does NOT include batteries.	\$6,332.00
	BY-1200-1		
	GK-1200-2	36V DC Battery Gauge	\$135.00
0	BY-1200-2	12V DC to 36V DC Charger (40 amp)	\$2,611.00
	EC-1200-3	Idle Control Module (auto engine start)- Requires 12V DC to 36V Battery Charger.	\$1,240.00
<b>Misc. Options</b>			
	28009/28010	Extra operator's manual and service manual (in English)	\$92.00
	AL-1230-5/6/7/8	Pneumatic circuit (1/4 in. airline) to platform (Requires air dryer to remove moisture) Not Avail with Emergency Lowering option	\$124.00

BC-1220-1	Rubberized boom cradle in lieu of ratchet style for SST-40-EIH (requires ratchet strap/pad for skid)	\$38.00
BC-1200-7	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,018.00
BC-1200-6	Auto Boom Latch for mounting on outer boom Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,018.00
LB-1230-3/4	Chassis insulating system (lower boom insert) providing 12 in. insulation gap in all positions	\$1,536.00
LB-1230-5	Chassis insulating system (lower boom insert) providing 20 in. insulation gap in all positions (SST-40 only)	\$1,888.00
OB-1230-2	Delete ELECTROGARD	(\$819.00)
HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
LE-7	Lift eye on outer boom with 500 lb. capacity	\$85.00
PS-922	Rubber Tube platform rest (5 in. max)	\$69.00
RE-1200-1	Remote 30 gal. hydraulic reservoir in lieu of standard integral reservoir	\$1,663.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
Delete	Delete pedestal mounting hardware	(\$163.00)

#### Paint Options

1	Std. White	Standard white urethane	\$ -
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not available

#### Front torsion

TB-1400-11	Front Torsion Bar 2008-2010 F-550 19K GVW 6.8L V-10 4X2	\$1,251.00
TB-1400-12	Front Torsion Bar 2008 -2101 F-450/550 6.8L V-10 4X2	\$1,251.00
TB-1400-13	Front Torsion Bar 2008-2010 Up F-450/550 Super Crew Cab 6.8L V-10 4X2	\$1,201.00
TB-1400-19	Front Torsion Bar 2011 and up F-550 4x2 chassis with reinforced frame (19,500 lb) gas or diesel	\$1,331.00
TB-1400-20	Front Torsion Bar 2011 and up F-450/550 4x2 chassis (18,00 lb. gvwr or less) gas or diesel	\$1,207.00
TB-1400-25	Front Torsion Bar 2011 and up International Terrestar	\$1,205.00

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,095.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,107.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500 Level-Ride	\$1,240.00
TB-1400-22	Underframe Torsion Bar 11+ Dodge/Sterling 4500/5500 Stable-Ride	\$1,185.00
TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,205.00

#### Over Frame Torsion

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$889.00
TB-59	Overframe Torsion Bar 2003 GM 4500/5500	\$947.00
TB-1400-14	Overframe Torsion Bar 08+ GM C4500/5500	\$968.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Level-Ride)	\$1,204.00

TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)	\$1,030.00	
<b>Main Outriggers</b> (Include two control valves and a selector)			
OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$3,914.00	
OR-1400-2	Modified-A-Frame 36-40 Inch Frame Height	\$3,914.00	
OR-1400-3	Knock Down Modified-A-Frame	\$3,914.00	
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$3,914.00	
OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,914.00	
OR-1400-17	H-frame 2X8 Cross Tube 30-42 Inch Frame Height	\$3,914.00	
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$3,914.00	
<b>Outrigger Valves &amp; Interlocks</b>			
0	VK-1400-10	12 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00
<b>Power Sources</b>			
	GN-1210-1	5.5 Onan gasoline generator (requires fuel pump)	\$3,396.00
<b>New Lift Extended Warranty</b>			
	EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
	EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-29/32-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VO-29-I Insulated 29 ft. 4 in. overcenter, articulated aerial platform lift, including the items listed.

VO-32-I Insulated 32 ft. 4 in. overcenter, articulated aerial platform lift, including the items listed.

- 1 Standard platform capacity of 300 lbs.
- 2 Fiberglass upper boom finished with white urethane paint over white gel coat. Boom is dielectric tested per ANSI A92.2, Category C, 46 KV and below.
- 3 Engine start/stop from platform and lower controls.
- 4 Standard pedestal with 15 gal. integral hydraulic oil reservoir with dual sight gauges.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 7 Platform mounted full pressure individual controls including emergency stop.
- 8 Full pressure turret mounted lower controls with override.
- 9 Positively leveled 24 in. X 24 in. X 42 in. closed fiberglass platform with one step.
- 10 Non-lube bearings used at all pivot points.
- 11 Upper boom cradle with ratchet type tie down strap.
- 12 Mounting hardware (specify make/model and CA dimension).
- 13 Tubular rubber platform support and lower boom cradle (shipped loose).
- 14 Hydraulic oil not included.
- 15 PTO and pump
- 16 White urethane paint

- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 18 Two operator's manuals and two service manuals (in English).
- 19 ANSI A92.2 data plate.
- 20 Spring loaded bucket rest
- 21 Two slope indicators with decals
- 22 Standard installation of aerial & body

VO-29/32-I Recommended chassis specifications

Cab to rear axle dimensions	60 in.
Frame section modulus (per frame rail)	6.1 in <sup>3</sup>
Frame resisting bending moment (per frame rail)	221,000 in-lbs

VO-29-I (300 lb. cap.) or VO-32-I w/boom Limit system and Torsion Bar

GVWR	11,000 lbs.
GAWR (Front)	4,200 lbs.
GAWR (Rear)	8,250 lbs.
Approximate weight for stability	9,000 lbs.
Approximate weight for stability	10,000 lbs.

VO-29-I (350 and 400 lb cap.) or VO-32-I with Torsion Bar

GVWR	15,000 lbs.
GAWR (Front)	5,000 lbs.
GAWR (Rear)	11,000 lbs.
VO-29-I Approximate weight for stability	10,000 lbs.
VO-32-I Approximate weight for stability	10,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-29-I	Standard VO-29-I overcenter, articulated aerial lift	\$34,575.00
	VO-32-I	Standard VO-32-I overcenter, articulated aerial lift	\$42,012.00

**Multilever Control Options**      **mounted on platform side towards the pedestal**

1	C-1320-1	Multilever Upper Controls	Standard
	C-1320-2	Multilever Upper Controls With Tool Power	\$310.00
	C-1320-3	Multilever Upper Controls With Dual Tool Power	\$387.00

**Singel Stick Control Options**

	SC-1300-1	Single Stick Controls Between Boom & Bucket	\$241.00
	SC-1320-7	Single Stick Controls Between Boom & Bucket With Tool Power	\$851.00
	SC-1320-8	Single Stick Controls Between Boom & Bucket With Dual Tool Power	\$927.00

**Platform Support Options**

1	PS-1300-1/3	Standard Platform Support	Standard
	PS-1300-2/4	Platform Support with mechanical platform tilt	\$424.00

**Platform Options with Individual Controls**

1	FB-163	Standard closed 24x24x42, 1 Step to Rear	Standard
	FB-216	Closed 24x30x39, 1 Step to Pedestal	\$205.00
	FB-49	Closed 24x24x39, 1 Step to Rear	\$52.00
	FB-214	Closed 24x30x39, 1 Step to Pedestal	\$205.00
	SA-1510-15	Walk-in 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00
	DELETE	Delete Standard Platform	-\$856.00

**Platform Options with Single-stick Controls**

FB-127	Closed 24x24x42, 1 Step to Rear	-
FB-124	Closed 24x24x42, 1 Step to Pedestal	\$52.00
FB-126	Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear	\$156.00
FB-128	Closed 24x24x39, 1 Step to Rear	\$52.00
FB-129	Closed 24x30x42, 1 Step to Rear	\$205.00
FB-133	Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear	\$156.00
FB-134	Closed 24x24x39, 1 Step to Pedestal	\$52.00
FB-136	Closed 24x30x42, 1 Step to Pedestal	\$205.00
FB-150	Closed 24x30x42, 2 Steps to Rear	\$308.00
FB-159	Closed 24x24x42, Toe Space, 1 Step to Pedestal	\$663.00
FB-160	Closed 24x24x42, 2 Steps to Pedestal	\$156.00
FB-162	Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear	\$156.00
FB-166	Closed 24x24x42, Toe Space, 1 Step to Rear	\$663.00
FB-212	Closed 24x24x42, 1 Step to Curb Side	\$52.00
FB-211	Closed 24x30x42, 1 Step to curb Side	\$205.00
FB-188	Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal	\$308.00
FB-215	Closed 24x30x39, 1 Step To Rear	\$205.00
FB-1500-13	Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal	\$308.00
FB-1520-16	Duck under 24x24x42, Opening to Rear	\$52.00
SA-1520-9	Duck under 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00
FB-1510-9	Walk-in 24x24x42, Opening to Rear	\$52.00
FB-1510-16	Walk-in 24x30x42, Opening to Pedestal	\$205.00
SA-1510-14	Walk-in 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-10	Platform liner 24x42x42 in.	\$541.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Pedestal Options

1	P-1300-1	Standard 34-3/4 in. pedestal with 15gal. integral hydraulic oil reservoir with dual sight gauges	Standard
	P-1300-2	Taller 40-3/4 in. pedestal for 6 in. more clearance, includes 15gal. integral hydraulic oil reservoir with dual sight gauges	\$132.00
	P-1300-3	Taller 46-3/4 in. pedestal for 12 in. more clearance, includes 15gal. integral hydraulic oil reservoir with dual sight gauges	\$132.00

#### Rotation Options

1	RO-1300-1	Non-continuous 370o rotation with mechanical limit system is standard	Standard
	RO-1300-2/3	Continuous rotation including one electrical slip ring (start/stop requires 1 slip ring)	\$645.00

#### Platform Capacities

1	CA-900	Standard platform capacity of 300 lbs.	Standard
	CA-853	Increase platform capacity to 350 lbs. (not available on 30 in. platform)	-

CA-901	Increase VO-29-I platform capacity to 400 lbs. (not available with 30 in. platform)	-
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**Requirements for Category B, 46 KV and below Certification:**

1	Standard	Category C 46 KV and below	Standard
	ET-1300-1	Category B 46 KV and below including Electrical test band on upper boom and flashover prevention	\$997.00
	ET-1300-1	Category B 69 KV including Electrical test band on upper boom and flashover prevention	\$997.00

**Priority Flow Control Options**

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

**2 Speed Throttle Control Options**

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$477.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$563.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$356.00

**Auto Throttle Control Options**

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$608.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$588.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$565.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$539.00

**Control options** (Maximum of three circuits can be provided):

	CC-900	Control circuit from platform including air cylinder, air line, and pressure switch (requires 1 slip ring each)	\$146.00
	EP-1300-2	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$761.00
0	LT-5	Lift throttle (required with throttle control)	\$67.00
1	SS-1260-5	Standard 12V start/stop (requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$117.00)

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

	RC-1260-1	Radio Control 12V Transmitter and Receiver with continuous rotation option (4-1 airline deleted)	\$1,243.00
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**Collector Ring Options,** (Collector ring is only needed in conjunction with continuous rotation)

	Not Avail.	Extra Slip Rings required	-
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$938.00
1	Not Required	Slip Rings not required	

**Misc. Options**

	22028/22029	Extra operator's manual and service manual (in English)	\$92.00
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HK-1300-7	Lower boom limit system to prevent VO-32-I from going overcenter. Unit becomes Non-overcenter	Unit	\$439.00
LB-1300-3	Lower Boom Insert NOT AVAILABLE with VO-29-I		\$1,617.00
LE-4	Lift eye on lower boom with 700 lb. (318kg) capacity		\$85.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)		\$76.00
HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)		\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)		\$260.50
RE-1200-1	Remote 30 gal. hydraulic reservoir in lieu of internal reservoir.		\$391.00
P-924	8 Inch Pedestal Riser		\$296.00
P-925	Adjustable pedestal riser for up to 39 in. additional clearance		\$405.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated		\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated		\$345.00
Delete	Delete pedestal mounting hardware		(\$163.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

#### Main Outriggers (Include two control valves)

OR-1400-1	A-frame (pivot feet) outriggers with 30 to 35 in. frame heights		\$4,021.00
OR-1400-2	A-frame (pivot feet) outriggers with 36 to 40 in. frame heights		\$4,021.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose		\$4,021.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height		\$4,021.00
OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height		\$4,021.00
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height		\$4,021.00
OR-1400-36	Narrow 10 Degree Knock Down		\$4,021.00

#### Outrigger Valves & Interlock Options

0	VK-1400-28/29	12/24 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450		\$1,281.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550		\$1,293.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500		\$1,368.00
TB-1400-21	Underframe Torsion Bar 2011 F-350		\$1,263.00

#### Over Frame Torsion

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450		\$1,081.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500		\$1,368.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge/Sterling 4500/5500 (Stable-Ride)		\$1,218.00
TB-1400-24	Overframe Torsion Bar 2011+ Ford F-350		\$1,118.00
TB-1400-26	Overframe Torsion Bar 2012+ GM-3500HD		\$1,101.00

#### New Lift Extended Warranty

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)		\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)		\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-36-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated 36 ft. overcenter, articulated aerial platform lift, including the items listed.

- 1 Standard platform capacity of 300 lbs.
- 2 Fiberglass upper boom finished with white urethane paint over white gel coat. Boom is dielectric tested per ANSI A92.2, Category C, 46 KV and below.
- 3 Engine start/stop from platform and lower controls.
- 4 Standard pedestal with 12 gal. integral hydraulic oil reservoir with dual sight gauges.
- 5 Non-continuous 370o rotation with mechanical limit system.
- 6 Three gpm open center hydraulic system. Operating pressure is 2500 psi
- 7 Platform mounted full pressure individual controls including emergency stop.
- 8 Full pressure turret mounted lower controls with override.
- 9 Positively leveled 24 in. X 24 in. X 42 in. closed fiberglass platform with one step.
- 10 Non-lube bearings used at all pivot points.
- 11 Upper boom cradle with ratchet type tie down strap.
- 12 Mounting hardware (specify make/model and CA dimension).
- 13 Tubular rubber platform support and lower boom cradle (shipped loose).
- 14 Hydraulic oil not included.
- 15 PTO and pump
- 16 White urethane paint.
- 17 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.

- 18 Two operator's manuals and two service manuals (in English).
- 19 ANSI A92.2 data plate.
- 20 Two Slope Indicators with decals.
- 21 Spring loaded bucket rest
- 22 Standard installation of aerial and body

VO-36-I Recommended chassis specifications

Cab to rear axle dimensions for torsion bar	60 in.
Cab to rear axle dimensions for outriggers	84 in.
Frame section modulus (per frame rail)	9.75 in <sup>3</sup>
Frame resisting bending moment (per frame rail)	351,000 in-lbs
With Torsion Bar	
GVWR	20,000 lbs.
GAWR (Front)	5,000 lbs.
GAWR (Rear)	15,000 lbs.
Approximate weight for stability	15,000 lbs.
With Outriggers	
GVWR	15,000 lbs.
GAWR (Front)	5,000 lbs.
GAWR (Rear)	10,000 lbs.
Approximate weight for stability	10,300 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-36-I	Standard VO-36-I overcenter, articulated aerial lift	\$34,658.00
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**Multilever Upper Control Options    mounted on platform side towards the pedestal**

1	C-1320-1	Multilever Upper Controls	
	C-1320-2	Multilever Upper Controls With Tool Power	\$310.00
	C-1320-3	Multilever Upper Controls With Dual Tool Power	\$387.00

**Singel Stick Control Options**

SC-1300-1	Single Stick Controls Between Boom & Bucket	\$541.00
SC-1320-7	Single Stick Controls Between Boom & Bucket With Tool Power	\$851.00
SC-1320-8	Single Stick Controls Between Boom & Bucket With Dual Tool Power	\$927.00

**Platform Support Options**

1	PS-1300-1/3	Standard Platform Support	\$ -
	PS-1300-2/4	Platform support with mechanical tilt	\$424.00

**Platform Options with Individual Controls**

1	FB-163	Standard closed 24x24x42, 1 Step to Rear	
	FB-1500-14	Closed 24x30x39, 1 Step to Pedestal	\$205.00
	FB-1500-22	Closed 24x30x42, 1 Step to Pedestal	\$205.00
	FB-49	Closed 24x24x39, 1 Step to Rear	\$52.00
	FB-214	Closed 24x30x39, 1 Step to Curb side	\$205.00
	FB-1500-15	Closed 24x30x39, 1 Step to Rear	\$205.00
	SA-1510-15	Walk-in 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00

**Platform Options with Single-stick Controls**

FB-127	Closed 24x24x42, 1 Step to Rear	\$ -
FB-124	Closed 24x24x42, 1 Step to Pedestal	\$52.00
FB-126	Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear	\$156.00
FB-128	Closed 24x24x39, 1 Step to Rear	\$52.00
FB-129	Closed 24x30x42, 1 Step to Rear	\$205.00
FB-133	Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear	\$156.00

FB-134	Closed 24x24x39, 1 Step to Pedestal	\$52.00
FB-136	Closed 24x30x42, 1 Step to Pedestal	\$205.00
FB-150	Closed 24x30x42, 2 Steps to Rear	\$308.00
FB-159	Closed 24x24x42, Toe Space, 1 Step to Pedestal	\$663.00
FB-160	Closed 24x24x42, 2 Steps to Pedestal	\$156.00
FB-162	Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear	\$156.00
FB-166	Closed 24x24x42, Toe Space, 1 Step to Rear	\$663.00
FB-212	Closed 24x24x42, 1 Step to Curb Side	\$52.00
FB-211	Closed 24x30x42, 1 Step to curb Side	\$205.00
FB-188	Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal	\$308.00
FB-215	Closed 24x30x39, 1 Step To Rear	\$208.00
FB-1500-13	Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal	\$308.00
FB-1520-16	Duck under 24x24x42, Opening to Rear	\$52.00
SA-1520-9	Duck under 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00
FB-1510-9	Walk-in 24x24x42, Opening to Rear	\$52.00
FB-1510-16	Walk-in 24x30x42, Opening to Pedestal	\$205.00
SA-1510-14	Walk-in 24x24x42, Tool Pouch Cavity, Opening to Rear	\$271.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-10	Platform liner 24x42x42 in.	\$541.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Pedestal Options

1	P-1230-1	Standard 35" Inch Pedestal	Standard
	P-1230-2	6" Inch Taller 41" Inch Pedestal	\$132.00
	P-1230-3	12" Inch Taller 47" Inch Pedestal	\$132.00

#### Rotation Options

1	RO-1300-5	Non-continuous 370 degree rotation with mechanical limit system is standard	Standard
	RO-1300-4	Continuous rotation including one electrical slip ring (start/stop requires 1 slip ring)	\$469.00

#### Platform Capacities

1	CA-900	Standard platform capacity of 300 lbs.	Standard
	CA-853	Increase platform capacity to 350 lbs. (not available on 30 in. platform with individual controls)	\$ -
	CA-901	Increase platform capacity to 400 lbs. (single stick only - not available on individual controls)	\$ -

#### Requirements for Category B, 46 KV and below Certification:

1	Standard	Category C 46 KV and below	
	ET-1300-1	Category B 46 KV and below including Electrical test band on upper boom and flashover prevention	\$997.00
	ET-1300-1	Category B 69 KV including Electrical test band on upper boom and flashover prevention	\$997.00

**Priority Flow Control Options**

CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

**2 Speed Throttle Control Options**

CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$608.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$477.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$563.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$356.00

**Auto Throttle Control Options**

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$608.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$588.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$668.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$539.00

**Control options (Maximum of three circuits can be provided):**

	CC-900	Control circuit from platform including air cylinder, air line, and pressure switch (requires 1 slip ring each)	\$206.00
	EP-1300-2	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$804.00
0	LT-7	Lift throttle (required with throttle control)	\$67.00
1	SS-59	Standard 12V start/stop (requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$117.00)

**Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)**

		Extra Slip Rings required	
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
1	Not Required	Slip Rings not required	\$ -

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

RC-1260	Radio Control 12V Transmitter and Receiver with continuous rotation option (4-1	\$1,242.00
RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Misc. Options**

22100/22101	Extra operator's manual and service manual (in English)	\$92.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve is shipped loose)	\$76.00
HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
LB-1300-5	Chassis insulation system (lower boom insert) with 12 in. insulation gap w/accommodations to bridge insulation gap for testing per ANSI A92.2	\$1,617.00
LE-4	Lift eye on lower boom with 700 lb. capacity	\$85.00
RE-1200-1	Remote 30 gal. hydraulic reservoir	\$1,716.00

P-133	8 Inch Pedestal Riser	\$310.00
P-128	Adjustable Pedestal Riser	\$408.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
Delete	Delete pedestal mounting hardware	(\$163.00)

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

#### Main Outriggers (Include two control valves and a selector)

OR-1400-1	A-frame (pivot feet) outriggers with 30 to 35 in. frame heights	\$4,021.00
OR-1400-2	A-frame (pivot feet) outriggers with 36 to 40 in. frame heights	\$4,021.00
OR-1400-3	Knock-down A-frame outriggers with pivot feet. Cross tube shipped loose	\$4,021.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,021.00
OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,021.00
OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$4,021.00

#### Outrigger Valves & Interlock Options

0	VK-1400-28/29	12/24 Volt Lift/boom selector for outrigger boom interlock	\$335.00
0	VK-1400-6/7	Outrigger switch kit for outrigger boom interlock system	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated)	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

#### Front Torsion Bar

TB-1400-19	Front Torsion Bar 2011 and up F-550 4x2 chassis with reinforced frame (19,500 lb) gas or deisel	\$1,353.00
TB-1400-20	Front Torsion Bar 2011 and up F-450/550 4x2 chassis (18,00 lb. gvwr or less) gas or deisel	\$1,229.00
TB-1400-25	Front Torsion Bar 2011 and up International Terrestar	\$1,227.00

#### Underframe Torsion

TB-1400-6	Underframe Torsion Bar 08' & Up F-450	\$1,281.00
TB-1400-7	Underframe Torsion Bar 08' & Up F-550	\$1,293.00
TB-1400-15	Underframe Torsion Bar 08+ Dodge/Sterling 4500/5500 Level-Ride	\$1,368.00
TB-1400-22	Underframe Torsion Bar 11+ Dodge/Sterling 4500/5500 Stable-Ride	\$1,310.00
TB-1400-23	Underframe Torsion Bar 2011+ International Terrestar	\$1,330.00

#### Over Frame Torsion

TB-47	Overframe Torsion Bar 99 & up Ford F-550 2008 and up F-450	\$1,081.00
TB-59	Overframe Torsion Bar 2003-06 GM 4500/5500	\$1,157.00
TB-1400-14	Overframe Torsion Bar 07+ GM C4500/5500	\$1,195.00
TB-1400-16	Overframe Torsion Bar 08+ Dodge 4500/5500 (Level Ride)	\$1,368.00
TB-1400-18	Overframe Torsion Bar 08+ Dodge 4500/5500 (Stable-Ride)	\$1,218.00

#### New Lift Extended Warranty

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-40-MHI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated 39 ft. 10 in. overcenter, articulated, material handling, aerial platform lift including the items listed.

- 1 Standard platform capacity of 350 lbs.
- 2 Fiberglass upper boom finished with white urethane paint over white gel coat. Boom is dielectric tested per ANSI A92.2, Category C, 46 KV and below.
- 3 Chassis insulation system (lower boom insert) with 12 in. insulation gap.
- 4 Engine start/stop from platform and lower controls.
- 5 Standard pedestal with 17 gal. integral hydraulic oil reservoir with sight level gauge.
- 6 Continuous rotation including 1 slip ring (start/stop system requires 1 slip ring).
- 7 Six gpm open center hydraulic system at 2500 psi
- 8 Platform mounted full pressure Unitrol single-stick control with safety trigger and emergency stop.
- 9 TruGuard dielectric isolating system
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings.
- 11 Hydraulic 90 degree platform rotator.
- 12 Manual platform tilt with hydraulic dampeners.
- 13 Full pressure turret mounted lower controls with override.
- 14 Jib and winch with hydraulic articulation and manual extension. Provides up to 1,100 lbs. capacity and includes 55 ft. of 3/8 in. diameter line.
- 15 Positively leveled 24 in. X 24 in. X 42 in. closed fiberglass platform with one step.
- 16 Non-lube bearings used at all pivot points.
- 17 Upper boom cradle with ratchet type tie down strap.

- 18 Tubular rubber platform support and lower boom cradle.
- 19 PTO and pump
- 20 Mounting hardware with short subframe (outriggers not included see options).
- 21 Standard white urethane paint.
- 22 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 23 Two operator's manuals and two service manuals (in English).
- 24 ANSI A92.2 data plate.
- 25 Spring loaded bucket rest
- 26 Two slope indicators and decals included.
- 27 Standard installation of aerial & body

VO-40-MHI Recommended chassis specifications

Cab to rear axle dimension 84 in.

With A-Frame outriggers

GVWR 17,500 lbs.  
 GAWR (Front) 6,000 lbs.  
 GAWR (Rear) 13,500 lbs.

Approximate curb weight for stability 13,500 lbs.  
 Frame resisting bending moment per frame rail 351,000 in.-lbs.  
 Frame section modulus per frame rail (36,000 psi frame steel) 9.75 in.3

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required

1 VO-40-MHI Standard VO-40-MHI articulated, material handling, aerial platform lift \$49,543.00

**Upper Controls**

1 SC-1320-1/2 Single Stick Control, Rotating Platform Support With Tool Power Standard  
 SC-1320-4/5 Single Stick Controls Rotating Platform Support With Dual Tool Power \$172.00

**Platform Options**

1 FB-212 Closed 24x24x42, 1 Step to Curb Side Standard  
 FB-124 Closed 24x24x42, 1 Step to Pedestal \$52.00  
 FB-126 Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear \$156.00  
 FB-128 Closed 24x24x39, 1 Step to Rear \$52.00  
 FB-129 Closed 24x30x42, 1 Step to Rear \$205.00  
 FB-133 Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear \$156.00  
 FB-134 Closed 24x24x39, 1 Step to Pedestal \$52.00  
 FB-136 Closed 24x30x42, 1 Step to Pedestal \$205.00  
 FB-150 Closed 24x30x42, 2 Steps to Rear \$308.00  
 FB-159 Closed 24x24x42, Toe Space, 1 Step to Pedestal \$663.00  
 FB-160 Closed 24x24x42, 2 Steps to Pedestal \$156.00  
 FB-162 Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear \$156.00  
 FB-166 Closed 24x24x42, Toe Space, 1 Step to Rear \$663.00  
 FB-127 Closed 24x24x42, 1 Step to Rear \$52.00  
 FB-211 Closed 24x30x42, 1 Step to curb Side \$205.00  
 FB-188 Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal \$308.00  
 FB-203 Closed 24x30x42, Toe Space 1 Step to pedestal \$819.00  
 FB-215 Closed 24x30x39, 1 Step To Rear \$205.00  
 FB-1500-13 Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal \$308.00

**Platform Accessories**

CB-2 Platform cover, nylon/vinyl, 24x24 in. \$89.00  
 CB-7 Platform cover, nylon/vinyl, 24x30 in. \$147.00

	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
<b>Jib and Winch Options</b>			
1	JW-1320-6	Jib and winch with hydraulic articulation and manual extension is standard	Standard
	JW-1320-5	Jib and winch with hydraulic articulation and Hydraulic jib extension (will accommodate LL-1200-1 line lifting option)	\$1,167.00
<b>Platform Leveling</b>			
1	LO-1320-1	Mechanical leveling system.	Standard
0	LO-1320-6	Hydraulic platform tilt includes a lever at the platform tilts the platform for rescue or clean-out. This is accomplished by a double acting hydraulic cylinder	\$2,032.00
<b>Capacities Options</b>			
1	CA-914	Standard platform capacity of 350 lbs.	Standard
	CA-915	Increase platform capacity to 400 lbs. Increased capacity may affect vehicle stability	\$ -
<b>Pedestal Options</b>			
1	P-1320-1	Standard pedestal with 17 gal. ) integral hydraulic oil reservoir with sight level gauge. 40 in. tall.	Standard
	P-1320-2	Taller pedestal for 6 in. additional clearance. 46 in. tall pedestal	\$134.00
	P-1320-3	Taller pedestal for 12 in. additional clearance. 52 in. pedestal	\$134.00
<b>2 Speed Throttle Control Options</b>			
	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
	CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed	\$545.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
	CT-1400-50	Chassis Throttle 2013+ Dodge Auto Throttle.	\$558.00
<b>Control options (Maximum of three circuits can be provided):</b>			
	CC-11	Control circuit from platform including air cylinder, air line, and pressure switch (requires 1 slip ring each)	\$146.00
	EP-108	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0	LT-1	Lift throttle (required with 2 speed throttle control option)	\$67.00
1	SS-60	Standard 12V start/stop	Standard
	Delete	Delete engine start/stop system (requires 1 less slip ring)	(\$117.00)
<b>Collector Ring Options</b>			
	Extra	Extra Slip Rings required	-
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00

0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

0	HC-1320-XX HCT-1320-1	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,266.00
	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm piston pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
	GK-1200-3	48V DC Battery Gauge	\$94.00
0	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,147.00

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

	RC-1320-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,242.00
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**Requirements for Category B, 46 KV and below Certification:**

1	Standard	Category C 46 KV and below	Standard
	ET-1320-1	Electrical test band on upper boom. Category B 46 KV and below	\$997.00
	ET-1320-1	Electrical test band on upper boom. Category B 69 KV	\$997.00

**Misc. Options**

	28088/28089	Extra operator's manual and service manual (in English)	\$92.00
	BC-1330-1	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with horizontal stowed units.	\$1,180.00
	BC-1330-2	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with low stowed unit.	\$1,180.00
	HP-952	Pressure limit at upper controls (preset at 2000 psi – adjusts from 100-2500 psi)	\$337.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnects)	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-8	Lift eye on lower boom with 1500 lb. capacity	\$85.00
	LL-1200-2	Single wireholder with round jib adapter	\$453.00
	LL-1200-6	Line lifting jib extension for use with hydraulic extending jib (36.7 in. long)	\$664.00
1	PS-11	Tubular rubber platform support 23 in. high	Standard
	PS-922	Tubular rubber platform support 5 in. high	(\$35.00)
	Delete	Delete Tubular rubber platform support	(\$42.00)
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00

**Mounting Hardware/Subframe**

0	MH-110	Mounting hardware for 30 to 35 in frame height. Subframe is attached to outriggers	\$ -
1	MH-116	Subframe for medium duty chassis (36 in. + frame height) for use with outriggers	\$ -

MH-113	Subframe for medium duty chassis and without outriggers (36 in. + frame height)	\$ -
MH-300	Mounting hardware with 4,300 lb. ballast plates for medium duty chassis without outriggers (36 in. + frame)	\$4,559.00
Delete	Delete Standard mounting hardware	(\$466.00)
<b>Upper Boom Cradle</b>		
1	MH-814 Low stow upper boom cradle	Standard
	MH-812 High stow upper boom cradle	\$ -
<b>Paint Options</b>		
1	Std. White Standard white urethane	Standard
	6 mil Std. White Standard White Extreme Climate Urethane (6mils)	\$634.00
	Urethane Special color urethane (specify color code)	\$777.00
	6 mil Urethane Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Special Special red, chrome colors, or Imron 5000	Consult Factory
	Not Available Base coat/clear coat. Metallic.	Not Available
<b>Main Outrigger options:</b>		
1	OR-1400-19 Independent A-Frame 35-41 Inch Frame Height	\$4,963.00
	OR-1400-20 Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,963.00
	OR-1400-38 SubFrame with Outriggers 84 Inch CA fo 30-34 in frame height	\$4,963.00
<b>Auxiliary Outrigger options:</b>		
	OR-1400-4 Independent Modified A-Frame 36-40 Inch Frame Height	\$3,841.00
	OR-1400-5 Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,841.00
1	OR-1400-16 H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,841.00
	OR-1400-19 Independent A-Frame 35-41 Inch Frame Height	\$4,778.00
	OR-1400-20 Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,778.00
	OR-1400-24 Independent Modified A-Frame 40-44 Inch Frame Height	\$3,841.00
	OR-1400-36 Narrow 10 Degree Knock Down	\$3,841.00
<b>Outrigger Valves &amp; Interlock</b>		
1	VK-1400-28/29 12/24 volt Outrigger/Bboom switch kit	\$335.00
1	VK-1400-5/6/7/8 Outrigger switch kit for main outriggers	\$337.00
1	VK-1400-5/6/7/8 Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-4 Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
	VK-1400-3 Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-16 Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00
<b>Extended Warranty</b>		
	EXT-WAR + 1 1 Year Extended warranty (2 Year Total Coverage)	\$1,854.00
	EXT-WAR + 2 2 Year Extended warranty (3 Year Total Coverage)	\$3,399.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-42-MHI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated 42 ft. 4 in. overcenter, articulated, stacked boom, material handling, aerial platform lift including the items listed.

- 1 Standard platform capacity of 350 lbs.
- 2 Fiberglass upper boom finished with white urethane paint over white gel coat. Boom is dielectric tested per ANSI A92.2, Category C, 46 KV and below.
- 3 Chassis insulation system (lower boom insert) with 24 in. insulation gap.
- 4 Engine start/stop from platform and lower controls.
- 5 Standard pedestal with 25 gal. integral hydraulic oil reservoir with sight level gauge.
- 6 Continuous rotation including 1 slip ring (start/stop system requires 1 slip ring).
- 7 Eight gpm open center hydraulic system at 3000 psi
- 8 Platform mounted full pressure Unitrol single-stick control with safety trigger and emergency stop.
- 9 TruGuard dielectric isolating system
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes 2000 psi pressure limit.
- 11 Hydraulic 90 degree platform rotator.
- 12 Manual platform tilt with hydraulic dampeners.
- 13 Full pressure turret mounted lower controls with override.
- 14 Jib and winch with hydraulic articulation and manual extension. Provides up to 1,500 lbs. capacity and includes 70 ft. of 7/16 in. diameter line.
- 15 Positively leveled 24 in. X 24 in. X 42 in. closed fiberglass platform with one step.
- 16 Non-lube bearings used at all pivot points.

- 17 Upper boom cradle with ratchet type tie down strap.
- 18 Tubular rubber platform support and lower boom cradle (shipped loose).
- 19 PTO and pump
- 20 Mounting hardware with short subframe.
- 21 Subframe mounted A-frame outriggers providing 148 in. of spread and 7 in. of penetration based on a 39 in. frame height.
- 22 Standard white urethane paint.
- 23 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 24 Two operator's manuals and two service manuals (in English).
- 25 ANSI A92.2 data plate.
- 26 Spring loaded bucket rest
- 27 Two slope indicators and decals included.
- 28 Standard installation of aerial & body

VO-42-MHI Recommended chassis specifications

Cab to rear axle dimension	84 in.
Frame resisting bending moment with short subframe	900,000 in.-lbs.
Frame Section Modulus with short subframe	18 in.3
Frame resisting bending moment with long subframe	500,000 in.-lbs.
Frame Section Modulus with long subframe	10 in.3
With standard jib capacity and single platform	
GVWR	24,500 lbs.
GAWR (Front)	7,000 lbs.
GAWR (Rear)	17,500 lbs.
Approximate curb weight for stability with standard jib capacity and single platform	
One set of outriggers	19,000 lbs.
Two sets of outriggers	17,000 lbs.
With full jib capacity or dual platforms	
GVWR	26,500 lbs.
GAWR (Front)	9,000 lbs.
GAWR (Rear)	17,500 lbs.
Approximate curb weight for stability with full jib capacity or dual platforms	
One set of outriggers	22,000 lbs.
Two sets of outriggers	17,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-42-MHI	Standard VO-42-MHI articulated, material handling, aerial platform lift	\$60,826.00
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**Primary Upper Controls**

1	SC-1310-1/2//4/6	Single Stick Control, Rotating Platform Support With Tool Power	Standard
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**Secondary Platform Support (Maximum platform capacity for dual platforms is 350 lbs. each)**

0	C-1310-1/2	Secondary platform support with control for tilt and rotation only (Select secondary platform).	\$2,672.00
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**Lower Control Options**

1	HYD-1310-2	Lower controls mounted under boom (on turret) with standard rotary joint	Standard
	HYD-1310-3	Lower controls on Street side of turret with standard rotary joint	\$32.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes 2000 psi pressure limit.	Standard
	HP-1310	Second set of tool outlets at the platform	\$174.00

**Leveling/Tilt Options**

1	LO-1310-1	Standard leveling system with mechanical tilt	Standard
	LO-1310-2	Leveling system with hydraulic platform tilt. Includes cylinder at turret and lever at upper control to actuate leveling system	\$1,096.00

**Primary Platform Options**

1	FB-124	Closed 24x24x42, 1 Step to Pedestal	Standard
	FB-212	Closed 24x24x42, 1 Step to Curb Side	\$52.00
	FB-126	Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear	\$156.00
	FB-128	Closed 24x24x39, 1 Step to Rear	\$52.00
	FB-129	Closed 24x30x42, 1 Step to Rear	\$205.00
	FB-133	Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear	\$156.00
	FB-134	Closed 24x24x39, 1 Step to Pedestal	\$52.00
	FB-136	Closed 24x30x42, 1 Step to Pedestal	\$205.00
	FB-150	Closed 24x30x42, 2 Steps to Rear	\$308.00
	FB-159	Closed 24x24x42, Toe Space, 1 Step to Pedestal	\$663.00
	FB-160	Closed 24x24x42, 2 Steps to Pedestal	\$156.00
	FB-162	Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear	\$156.00
	FB-166	Closed 24x24x42, Toe Space, 1 Step to Rear	\$663.00
	FB-127	Closed 24x24x42, 1 Step to Rear	\$52.00
	FB-211	Closed 24x30x42, 1 Step to curb Side	\$205.00
	FB-188	Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal	\$308.00
	FB-203	Closed 24x30x42, Toe Space 1 Step to pedestal	\$819.00
	FB-215	Closed 24x30x39, 1 Step To Rear	\$205.00
	FB-1500-13	Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal	\$308.00
	Delete	Delete standard 24x24x42 in. platform	(\$681.00)

**Secondary Platform Options**

	FB-127	Closed 24x24x42, 1 Step to Pedestal	-
	FB-124	Closed 24x24x42, 1 Step to Rear	\$52.00
	FB-126	Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear	\$156.00
	FB-128	Closed 24x24x39, 1 Step to Pedestal	\$52.00
	FB-212	Closed 24x24x42, 1 Step to Street Side	\$52.00
	FB-129	Closed 24x30x42, 1 Step to Pedestal	\$205.00
	FB-133	Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear	\$156.00
	FB-134	Closed 24x24x39, 1 Step to Rear	\$52.00
	FB-136	Closed 24x30x42, 1 Step to Rear	\$205.00
	FB-150	Closed 24x30x42, 2 Steps to Pedestal	\$308.00
	FB-159	Closed 24x24x42, Toe Space, 1 Step to Rear	\$663.00
	FB-160	Closed 24x24x42, 2 Steps to Rear	\$156.00
	FB-162	Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear	\$156.00
	FB-166	Closed 24x24x42, Toe Space, 1 Step to Pedestal	\$663.00
	FB-127	Closed 24x24x42, 1 Step to Pedestal	\$52.00
	FB-211	Closed 24x30x42, 1 Step to Street Side	\$205.00
	FB-188	Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal	\$308.00
	FB-215	Closed 24x30x39, 1 Step To Pedestal	\$205.00
	FB-1500-13	Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal	\$308.00
	Delete	Delete secondary 24x24x42 in. platform	(\$681.00)

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-2 x2	Two platform covers, nylon/vinyl, 24x24 in.	\$177.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-7 x2	Two platform covers, nylon/vinyl, 24x30 in.	\$295.00

LR-3	Platform liner 24x24x42 in.	\$392.00
LR-3 x2	Two platform liners 24x24x42 in.	\$785.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-5 x2	Two platform liners 24x30x42 in.	\$1,011.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-8 x2	Two platform liners 24x24x39 in.	\$785.00
SA-17	Work tray w/ mounting	\$122.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Jib and Winch Options

1	JW-1310-3	Jib and winch with hydraulic articulation and manual extension. Includes 5 foot Standard jib pole	
	JW-1310-2	Jib and winch with hydraulic articulation and Hydraulic jib extension. Includes 5 foot jib pole	\$1,167.00
	JW-1310-4	Jib and winch with hydraulic articulation and manual extension Includes 5 foot jib pole	\$312.00
	JW-1310-5	Jib and winch with hydraulic articulation and Hydraulic jib extension. Includes 5 foot jib pole	\$1,479.00
	Delete	Delete standard winch rope	(\$182.00)

#### Capacities Options

1	CA-853	Standard platform capacity of 350 lbs.	Standard
	CA-901	Increase platform capacity to 400 lbs. Increased capacity may affect vehicle stability. Not available with dual platforms.	\$ -

#### Pedestal Options

1	P-1330-8	Standard pedestal with 25 gal. integral hydraulic oil reservoir with sight level gauge. 32-5/8 in. tall.	Standard
	P-1330-9	Taller pedestal for 4 in. additional clearance. 36-5/8 in. pedestal	\$115.00
	P-1330-10	Taller pedestal for 12 in. additional clearance. 44-5/8 in. pedestal	\$134.00

#### 2 Speed Throttle Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
	CT-1400-7	Radio Control 2005 Ford F-650/750 6.0L DSL Throttle Control (requires transmitter and receiver & LT option)	\$439.00
	CT-1400-24	Radio Control ChassisThrottle Control Navistar (requires transmitter and receiver & LT option)	\$439.00
	CT-1400-25	Radio Control Chassis Throttle CTRL Ford 6.0 and 6.4 L 2 speed (requires transmitter and receiver& LT option)	\$439.00

#### Control options (Maximum of three circuits can be provided):

	CC-11	Control circuit from platform including air cylinder, air line, and pressure switch (requires 1 slip ring each)	\$146.00
	EP-1340-1	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0	LT-1260-4	Lift throttle (required with 2 speed throttle control option)	\$67.00
1	SS-1260-5	Standard 12V start/stop	Standard
	Delete	Delete engine start/stop system (requires 1 less slip ring)	\$117.00

#### Collector Ring Options

	Extra	Extra Slip Rings required	-
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00

0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

	RC-1320-XX	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,242.00
	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Requirements for Category B, 46 KV and below Certification:**

1	Standard	Category C 46 KV and below	Standard
	ET-1320/1310-1	Electrical test band on upper boom. Category B 46 KV and below	\$997.00
	ET-1320/1310-1	Electrical test band on upper boom. Category B 69 KV	\$997.00

**Misc. Options**

	39036/39037	Extra operator's manual and service manual (in English)	\$92.00
	BC-1310-2	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close.	\$1,180.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnects)	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-6	Lift eye on lower boom with 2500 lb. (1100kg) capacity	\$85.00
1	PS-19	Tubular rubber platform support 48 in. high max.	Standard
	Delete	Delete Tubular rubber platform support	(\$41.00)
	SD-1200-11	Body belt and lanyard	\$103.00
	SD-18	Full body harness and lanyard, ARC Flash Rated (Large)	\$345.00
	SD-19	Full body harness and lanyard, ARC Flash Rated (Extra-large)	\$345.00
	SD-18 x2	Two Full body harness and lanyards, ARC Flash Rated (Large)	\$691.00
	SD-19 x2	Two Full body harness and lanyards, ARC Flash Rated (Extra-large)	\$691.00

**Upper Boom Cradle**

1	BC-1310-1	Standard upper boom rest assembly	Standard
	BC-1200-XX	Auto Boom Latch for upper boom. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00

**Subframe Options**

1	MH-51	Subframe for chassis up to 84 in. CA. 113 in. Subframe tubes shipped loose (not welded)	Standard
	MH-52	Subframe for chassis up to 108 in. CA. 137 in. Subframe tubes shipped loose (not welded)	\$254.00
	MH-53	Subframe for chassis up to 138 in. CA. 167 in. Subframe tubes shipped loose (not welded)	\$496.00
	MH-1310-1	Subframe 202 in. long tubes shipped loose (not welded)	\$692.00
	Delete	Standard subframe mounting hardware	(\$728.00)

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane Special	Special color urethane (specify color code)	\$1,037.00
	6 mil Urethane Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Main Outrigger options:**

1	OR-1400-19	Independent A-Frame 35-41 Inch Frame Height	Standard
	OR-1400-20	Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,963.00

			\$4,963.00
<b>Auxiliary Outrigger options:</b>			
	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$3,841.00
	OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,841.00
	OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$3,841.00
	OR-1400-36	Independent Modified A-Frame 10 Degree Knock Down	\$3,841.00
	OR-1400-19	Independent A-Frame 35-41 Inch Frame Height	\$4,759.00
	OR-1400-20	Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,759.00
<b>Outrigger Valves &amp; Interlock</b>			
1	VK-1400-28/29	12/24 volt Outrigger/Bboom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00
<b>Extended Warranty</b>			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,575.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,326.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-40/43-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VO-43-I Insulated 42 ft. 10 in. overcenter, articulated aerial platform lift, including the items listed.

VO-40-I Insulated 39 ft. 10 in. overcenter, articulated aerial platform lift including the items listed.

- 1 Standard platform capacity of 350 lbs.
- 2 Fiberglass upper boom finished with white urethane paint over white gel coat. Boom is dielectric tested per ANSI A92.2, Category C, 46 KV and below.
- 3 Chassis insulation system (lower boom insert) with 18 in. insulation gap.
- 4 Engine start/stop from platform and lower controls.
- 5 Standard pedestal with 17 gal. integral hydraulic oil reservoir with sight level gauge.
- 6 Continuous rotation including 1 slip ring (start/stop system requires 1 slip ring).
- 7 Six gpm open center hydraulic system at 2500 psi
- 8 Platform mounted full pressure Unitrol single-stick control with safety trigger and emergency stop.
- 9 TruGuard dielectric isolating system
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings.
- 11 Full pressure turret mounted lower controls with override.
- 12 Positively leveled 24 in. X 24 in. X 42 in. closed fiberglass platform with one step.
- 13 Non-lube bearings used at all pivot points.
- 14 Upper boom cradle with ratchet type tie down strap.
- 15 Tubular rubber platform support and lower boom cradle.
- 16 PTO and pump
- 17 Subframe mounting hardware for use with outriggers.
- 18 Standard white urethane paint.

- 19 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 22 Spring loaded bucket rest
- 23 Two Slope Indicators and decals.
- 24 Standard installation of aerial and body

VO-43-I Recommended chassis specifications

Cab to rear axle dimension	84 in.
Frame resisting bending moment per frame rail	500,000 in.-lbs.
Frame section modulus per frame rail (50,000 psi frame steel)	10 in.3

With A-Frame outriggers, Approximate curb weight for stability	13,500 lbs.
GVWR	20,000 lbs.
GAWR (Front)	8,100 lbs.
GAWR (Rear)	15,000 lbs.

With Dual Torsion Bars, Approximate curb weight for stability	21,000 lbs.
GVWR	30,000 lbs.
GAWR (Front)	10,000 lbx.
GAWR (Rear)	20,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-43-I	Standard VO-43-I overcenter, articulated aerial lift	\$43,277.00
	VO-40-I	VO-40-I overcenter, articulated aerial lift (VO-40-MHI with material handling deleted)	\$43,277.00

**Single Stick Upper Controls**

1	SC-1320-3/7/10	Single Stick Upper Controls with Single Tool Power	\$ -
	SC-1320-6/8/9	Single Stick Upper Controls With Dual Tool Power	\$172.00

**Multi-Lever Upper Controls**

	C-1320-2	Multi-Lever Upper Controls With Tool Power	-\$356.00
	C-1320-3	Multi-Lever Upper Controls With Dual Tool Power	-\$184.00

**Platform Support**

1	PS-1320-3/5	Non Rotating Platform Support	Standard
	PS-1320-4/6	Non Rotating Platform Support With Mechanical Tilt	\$416.00
	PS-1320-2/7	90O Rotating Platform Support With Mechanical Tilt	\$1,418.00
	PS-1320-8/12	90O Rotating Platform Support With Hydraulic platform leveling. LO-1320-6 option must be selected below	\$1,319.00

**Platform Leveling**

1	LO-1320-1	Mechanical leveling system.	Standard
0	LO-1320-6	Hydraulic platform tilt includes a lever at the platform tilts the platform for rescue or clean-out. This is accomplished by a double acting hydraulic cylinder with two holding valves mounted at the turret, which drives the mechanical leveling system. Control at upper controls only.	\$2,032.00

**Platform Options with Single-stick Controls**

1	FB-212	Closed 24x24x42, 1 Step to Curb Side	Standard
	FB-127	Closed 24x24x42, 1 Step to Rear	\$52.00
	FB-124	Closed 24x24x42, 1 Step to Pedestal	\$52.00
	FB-126	Closed 24x24x42, 1 Step to Pedestal and 1 Step to Rear	\$156.00

FB-128	Closed 24x24x39, 1 Step to Rear	\$52.00
FB-129	Closed 24x30x42, 1 Step to Rear	\$205.00
FB-133	Closed 24x24x39, 1 Step to Pedestal and 1 Step to Rear	\$156.00
FB-134	Closed 24x24x39, 1 Step to Pedestal	\$52.00
FB-136	Closed 24x30x42, 1 Step to Pedestal	\$205.00
FB-150	Closed 24x30x42, 2 Steps to Rear	\$308.00
FB-159	Closed 24x24x42, Toe Space, 1 Step to Pedestal	\$663.00
FB-160	Closed 24x24x42, 2 Steps to Pedestal	\$156.00
FB-162	Closed 24x24x42, 2 Steps, 1 to Pedestal 1 to Rear	\$156.00
FB-166	Closed 24x24x42, Toe Space, 1 Step to Rear	\$663.00
FB-211	Closed 24x30x42, 1 Step to curb Side	\$205.00
FB-188	Closed 24x30x42, 2 Steps, 1 to Rear 1 to Pedestal	\$308.00
FB-203	Closed 24x30x42, Toe Space 1 Step to pedestal	\$819.00
FB-215	Closed 24x30x39, 1 Step To Rear	\$205.00
FB-1500-13	Closed 24x30x42, 2 Steps, 1 to Curb Side 1 to Pedestal	\$308.00

#### Platform Options with Individual Controls

FB-163	Standard closed 24x24x42, 1 Step to Rear	\$ -
FB-216	Closed 24x30x39, 1 Step to Pedestal	\$205.00
FB-49	Closed 24x24x39, 1 Step to Rear	\$52.00
FB-214	Closed 24x30x39, 1 Step to Pedestal	\$208.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Hydraulic Options

HP-952	Pressure limit at upper controls (preset at 2000 psi – adjusts from 100-2500 psi)	\$337.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnects)	\$76.00
HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00

#### Capacities Options

1	CA-853	Standard platform capacity of 350 lbs.	Standard
	CA-901	Increase platform capacity to 400 lbs. Increased capacity may affect vehicle stability	\$ -
	CA-901	Increase platform capacity to 400 lbs. Increased capacity may affect vehicle stability	\$ -

#### Pedestal Options

1	P-1320-1	Standard pedestal with 17 gal. integral hydraulic oil reservoir with sight level gauge. 40 in. tall.	Standard
	P-1320-2	Taller pedestal for 6 in. additional clearance. 46 in. tall pedestal	\$134.00
	P-1320-3	Taller pedestal for 12 in. additional clearance. 52 in. pedestal	\$134.00

#### 2 Speed Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00

CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
CT-1400-46	2011+ Dodge 6.7L Cummins Chassis Throttle Man 2 Speed	\$545.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
CT-1400-50	Chassis Throttle 2013+ Dodge Auto Throttle.	\$558.00

#### Control options (Maximum of three circuits can be provided):

CC-11	Control circuit from platform including air cylinder, air line, and pressure switch (requires 1 slip ring each)	\$146.00
EP-108/1320-1	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0 LT-1	Lift throttle (required with 2 speed throttle control option)	\$67.00
1 Start/stop	Standard 12V start/stop	Standard
Delete	Delete engine start/stop system (requires 1 less slip ring)	(\$159.00)

#### Collector Ring Options:

Extra	Extra Slip Rings required	
1 28457-1	Collector ring, 1-pass	\$168.00
0 28457-2	Collector ring, 3-pass	\$234.00
0 28457-3	Collector ring, 5-pass	\$280.00
0 28457-4	Collector ring, 7-pass	\$332.00
0 4382-5	Collector ring, 10-pass	\$408.00
0 4382-6	Collector ring, 20-pass	\$958.00

#### Fiber-Optic and DC drive Options

0 HC-1320-XX HCT-1320-1	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,097.00
HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm piston pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
GK-1200-3	48V DC Battery Gauge	\$94.00
0 BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,147.00

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

RC-1320-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,242.00
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#### Requirements for Category B, 46 KV and below Certification:

1 Standard	Category C 46 KV and below	Standard
ET-1320-1	Electrical test band on upper boom and flashover prevention for Category B, 46KV and below	\$997.00
ET-1320-1	Electrical test band on upper boom and flashover prevention for Category B, 69KV	\$997.00

#### Misc. Options

28088/28089	Extra operator's manual and service manual (in English)	\$92.00
BC-1330-1	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with horizontal stowed units.	\$1,180.00

	BC-1330-2	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with low stowed unit.	\$1,180.00
1	LE-8	Lift eye on lower boom with 1500 lb.capacity	\$85.00
	PS-11	Tubular rubber platform support 23 in. high	Standard
	PS-922	Tubular rubber platform support 5 in. high	(\$35.00)
	Delete	Delete Tubular rubber platform support	(\$42.00)
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
<b>Mounting Hardware/Subframe</b>			
1	MH-116	Subframe for medium duty chassis (36 in. + frame height) for use with outriggers	-
	MH-113	Subframe for medium duty chassis and without outriggers (36 in. + frame height)	\$ -
	MH-300	Mounting hardware with 4,300 lb. ballast plates for medium duty chassis without outriggers (36 in. + frame)	\$4,559.00
0	Not Available	Mounting hardware for 30 to 35 in frame height. Subframe is attached to outriggers	\$ -
	Delete	Delete Standard mounting hardware	(\$466.00)
<b>Upper Boom Cradle</b>			
1	MH-814	Low stow upper boom cradle	Standard
	MH-812	High stow upper boom cradle	\$ -
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Main Outrigger options:</b>			
	OR-1400-19	Independent A-Frame 35-41 Inch Frame Height for medium duty chassis	\$4,964.00
	OR-1400-20	Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,964.00
	Not Available	Independent A- frame 30-35 in frame height for 84 Inch CA (F-550-VO-40 only, C-5500, and Dodge 5500)	\$4,964.00
<b>Auxiliary Outrigger options:</b>			
	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$3,841.00
	OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,841.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,841.00
	OR-1400-19	Independent A-Frame 35-41 Inch Frame Height	\$4,759.00
	OR-1400-20	Deep Penetration A-Frame 42-48 Inch Frame Height	\$4,759.00
	OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$3,841.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,841.00
<b>Outrigger Valves &amp; Interlock</b>			
0	VK-1400-28/29	12/24 volt Outrigger/Bboom switch kit	\$335.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
	VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

#### Extended Warranty

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,545.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,090.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-36/40/47/52-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VST-36-I Insulated 36 ft. 4 Inches telescopic/articulating aerial platform lift, including the items listed  
 VST-40-I Insulated 40 ft. 4 Inches telescopic/articulating aerial platform lift, including the items listed  
 VST-47-I Insulated 46 ft. 4 Inches telescopic/articulating aerial platform lift, including the items listed  
 VST-52-I Insulated 50 ft. 6 Inches telescopic/articulating aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitol single lever control including safety trigger, dump valve, and tool selector.
- 3 Hydraulic platform rotator.
- 4 Full pressure turret mounted lower controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including one pass slip ring for start/stop system.
- 7 Six gpm open center hydraulic system at 3000 psi
- 8 Side mounted telescopic upper boom for low stowed platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below. ELECTROGARD not provided/available on the VST-52-I.
- 9 Chassis insulating system (fiberglass lower boom insert) providing 12 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 10 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat (VST-36/40/47 only).
- 11 TruGuard dielectric isolating system
- 12 Non-lube bearings used throughout.

- 13 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 14 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 15 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).
- 16 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 17 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 18 Mounting hardware (specify make/model and CA dimension). VST-47 and VST-52 require subframe.
- 19 PTO and Pump
- 20 Standard white urethane paint.
- 21 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 22 Two operator's manuals and two service manuals (in English).
- 23 ANSI A92.2 data plate.
- 24 Spring loaded bucket rest
- 25 Two Slope Indicators with decals.
- 26 Standard installation of aerial & body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

	VST-36-I	Insulated 36 ft. 4 in. telescopic/articulated aerial platform lift, including the items listed	\$46,599.00
1	VST-40-I	Insulated 40 ft. 4 in. telescopic/articulated aerial platform lift, including the items listed	\$47,931.00
1	VST-47-I	Insulated 46 ft. 10 in. telescopic/articulated aerial platform lift, including the items listed	\$54,157.00
	VST-52-I	Insulated 51 ft. 6 in. telescopic/articulated aerial platform lift, including the items listed	\$56,199.00

**Lower Control Options**

1	RO-1260-6	Lower controls on turret with standard rotary joint	Standard
	RO-1260-7/8	Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$4,799.00
	RC-1260-3/4	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,232.00
	RC-1260-5/6	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,187.00

**Upper Control Options**

1	SC-1260-1/2/3	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1260-4/5/6	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -

SC-1260-41/42 /43	4-AXIS Right hand single-stick controls platform support including 180 degree platform rotator	\$747.00
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**Platform Elevator**

0	PS-1260-28/-30 BE-1260-1	Heavy duty rotator and platform support. Required with platform elevator Platform elevator (reduces platform capacity by 100 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds seven inches of length from the centerline of the platform rotator.	\$829.00 \$2,566.00
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**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2/3/4/5	Second set of tool outlets at the platform	\$174.00

**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-921	Closed 24x24x42, 1 step to curb side	Standard
	FB-169	Closed 24x24x42, 2 steps to curb side	\$156.00
	FB-967	Closed 24x24x42, 2 step 1 to rear and 1 step curb side	\$156.00
	FB-929	Closed 24x24x42 Toespace, 1 step to curb side	\$663.00
	FB-1001	Closed 24x30x39, 1 step to curb side	\$205.00
	FB-948	Closed 24x30x42, 1 step to curb side	\$205.00
	FB-1500-1/-17	Closed 24x30x42 1 step to rear (opposite ribs)	\$205.00
	FB-852	Closed 24x30x42 2 steps to curb side	\$308.00
	FB-186	Closed 24x30x39 Toespace, 1 step to curb side	\$819.00
	FB-959	Closed 24x30x42 with Toespace 1 Step to curb side	\$819.00
	FB-987	Closed 24x30x42 Toespace, 1 step to rear (opposite ribs)	\$819.00
	FB-950	Closed 24x42x42 1 step to Curb side	\$375.00
	FB-856	Closed 24x42x42 2 steps to Curb side	\$478.00
	FB-944	Closed 24x48x42 1 step to curb side (Not available with jib and winch)	\$523.00
	FB-850	Closed 24x48x42 2 step to curb side (Not available with jib and winch)	\$627.00
	FB-1520-1	Duckunder 24x24x42, open to curbl side (Requires door)	\$52.00
	FB-1520-3	Duckunder 24x42x42, open to curb side (Requires door)	\$375.00
	FB-1520-5	Duckunder 24x30x42, open to curb side (Requires door)	\$205.00
	FB-1510-25	Walk-in 24x42x42, open to curb side (Requires door)	\$375.00
	FB-1510-42	Walk-in 24x30x42, open to curb side (Requires door)	\$205.00
	FB-1510-4	Walk-in 24x24x42, open to curb side (Requires door)	\$52.00
	FB-1510-5	Walk-in 24x24x42, open to rear (opposite ribs - Requires door)	\$49.00
	SA-1510-1	Walk-in 24x24x42, open to curb side, cavity towards rear (opposite ribs - Requires door)	\$220.00
	Delete	Delete Standard Platform	-\$811.00
	AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100	\$5,390.00
	AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100	\$5,660.00

**Left Hand Single-Stick Platform Options (descriptions in end hung position)**

	FB-924	Closed 24x24x42, 1 step to street side	\$52.00
	FB-206	Closed 24x24x42, 2 steps to street side	\$156.00
	FB-946	Closed 24x24x42, Toespace, 1 step to rear (opposite ribs)	\$663.00
	FB-947	Closed 24x30x42, 1 step to street side	\$205.00
	FB-985	Closed 24x30x42, 1 step to Rear	\$205.00
	FB-853	Closed 24x30x42, 2 steps to street side	\$308.00
	FB-989	Closed 24x30x42, with Toespace 1 step to street side	\$819.00
	FB-949	Closed 24x42x42, 1 step to street side	\$375.00
	FB-943	Closed 24x48x42, 1 step to street side (Not available with jib and winch)	\$523.00
	FB-961	Closed 24x48x42, 2 steps to streetside (Not available with jib and winch)	\$627.00
	FB-1520-2	Duckunder 24x42x42, open to street side (Requires door)	\$375.00
	FB-1520-4	Duckunder 24x30x42, open to street side (Requires door)	\$205.00
	FB-1510-2	Walk-in 24x42x42, open to street side (Requires door)	\$375.00
	SA-1510-2	Walk-in 24x24x42 Toespace, open to street side (Requires door)	\$663.00

FB-1500-49	Closed 24x48x42 2 step to street side (Not available with jib and winch)	\$627.00
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**Platform Accessories**

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-10	Platform liner 24x42x42 in.	\$541.00
LR-9	Platform liner 24x48x42 in.	\$654.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
-	Fire retardant platform 24" SQ	\$719.00
-	Fire retardant platform 24" X 30"	\$762.00
-	Fire retardant platform 24" X 42"	\$820.00
FB-180	Handrail for platform 24" SQ	\$421.00
FB-182/183	Handrail for platform 24" X 30"	\$513.00
FB-177/178	Handrail for platform 24" X 42"	\$560.00
FB-184/185	Handrail for platform 24" X 48"	\$657.00

**Platform Capacities (consult specifications)**

1	CA-857	Manlift Platform Capacity 600lbs. Not available with aluminum platform. Not available with platform elevator.	Standard
	CA-852	Manlift platform capacity of 500 lbs. Not available with aluminum platform + platform elevator.	\$ -
	CA-853	Manlift platform capacity of 350 lbs.	\$ -
	CA-901	Manlift platform capacity of 400 lbs.	\$ -
	CA-1260-31	Std. jib capacity of 300/400P lbs., 1000J lbs.	\$ -
	CA-1260-32	Jib Capacity (400/500P, 1000J)lbs. Not available with aluminum platform + platform elevator.	\$ -
	CA-1260-33	Jib Capacity (500/600P, 1000J)lbs. Not available with aluminum platform. Not available with platform elevator.	\$ -

**Material Handling Option**

JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. See specifications for platform variations with jib and winch.	\$3,741.00
JW-1270-2	Hydraulic extending and articulating jib pole and winch package for up to 1000lbs. capacity. See specifications for platform variations with jib and winch. Not available with platform elevator.	\$6,372.00
JW-1270-15	Hydraulic dual arm articulating jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. Required for live line lifting	\$6,989.00
JW-1270-7	Hydraulic extending and articulating jib pole and winch package for up to 1000 lbs. capacity. Includes winch load indicator to determine approximate load. See specifications for platform variations with jib and winch. Not available with platform elevator.	\$7,077.00
CA/IB/SC-XX	Jib and winch prep package for hydraulic jib	\$1,661.00
CA/IB/SC-XX	Jib and winch prep package for manual jib	\$1,570.00
CB-18	Jib socket cover	\$10.00
JW-901	Jib socket tube. Can be welded to body for jib stowage	\$140.00

	PS-1260-6	Delete jib socket	(\$40.00)
<b>VST-36/40 Pedestal Options</b>			
1	P-1260-8	Standard 46-1/4 in. tall pedestal	Standard
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00
<b>VST-47 Pedestal Options</b>			
1	P-1260-9	52-1/4 in. tall pedestal	\$101.00
	P-1260-8	Shorter pedestal for 6 Inch less clearance. 46-1/4 tall pedestal	\$ -
	P-1260-10	Taller pedestal for 6 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 12 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00
<b>VST-52 Pedestal Options</b>			
0	P-1260-10	58-1/4 in. tall pedestal	\$138.00
	P-1260-8	Shorter pedestal for 12 in. less clearance. 46-1/4 in. tall pedestal	\$ -
	P-1260-9	Shorter pedestal for 6 in. less clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-11	Taller pedestal for 6 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00
<b>2 Speed Throttle Control Options</b>			
	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$563.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00
	CT-1400-7/24/ 25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00
<b>Control Circuits</b>			
	CC-1260-X	Control circuit from platform including air cylinder, air line and pressure switch (f	\$146.00
	EP-1260-11/13	Emergency Power Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$805.00
0	LT-1260-1/2/4	Lift throttle Insulated (required with 2-speed throttle control or priority flow contr	\$67.00
1	SS-1260-1/5	Start/stop 12V DC is standard (Requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$117.00)
	AL-45	Airline desiccant kit per circuit	\$38.00
<b>Collector Ring Options</b>			
	Extra	Extra Slip Rings required	\$ -

1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

#### Fiber-Optic and DC drive Options

0	HC-1260/ 1270-XX HCT-1260-XX	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,395.00
	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
	GK-1200-3	48V DC Battery Gauge	\$94.00
0	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,240.00

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

	RC-1260	Radio Control 12V Transmitter and Receiver (4-1 airline deleted)	\$1,242.00
	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

#### Misc. Options

	39014/39015	Extra operator's manual and service manual (in English)	\$92.00
	BC-1200-6 SK-1200-1	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	BC-1200-4 SK-1200-1	Auto Boom Latch for mounting on outer boom Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	OB-1260-17/18	Delete outer boom tip (Electrogard)	(\$819.00)
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-1260-1	Lift eye on outer boom with 1000 lb. capacity (not available on VST-36)	\$85.00
1	PS-922	Tubular rubber platform support 5 in. high	
	PS-11	Tubular rubber platform support 23 in. high	\$35.00
	Delete	Delete Tubular rubber platform support	(\$34.00)
	RE-1200-1	External 30 gallon reservoir	\$1,309.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	SD-18 x2	Full body harness and lanyard (large) ARC Flash Rated	\$691.00
	SD-19 x2	Full body harness and lanyard (extra-large) ARC Flash Rated	\$691.00
	Delete	Lower boom insert	(\$1,812.00)
	-	Inner boom serial number tagging (Only for Export)	\$177.00

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	6 mil Urethane	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00

	Special Not Available	Special red, chrome colors, or Imron 5000 Base coat/clear coat. Metallic.	Consult Factory Not Available
<b>Mounting Hardware for VST-36/40 Only</b>			
1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe). Excludes Dodge, see below	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe) Excludes Dodge, see below	\$ -
	MH-1260-11	Mounting hardware for Dodge 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
	Delete	Delete Pedestal mounting hardware	(\$163.00)
<b>Mounting Hardware for VST-47/52 Only</b>			
1	MH-1260-3	Mounting hardware for under 24,000 GVWR 84 CA chassis. Requires dual outriggers	Standard
	MH-1260-10	Mounting hardware for 24,000+ GVWR chassis with one set of outriggers	(\$96.00)
	Delete	Delete Pedestal mounting hardware and subframe	(\$693.00)
<b>Main Outriggers, (Include control valves)</b>			
	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,047.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,047.00
	OR-1400-37	Modified A-frame Knock Down	\$4,047.00
<b>Auxiliary Outriggers, (Include control valves)</b>			
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,842.00
	OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
	OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$3,842.00
	OR-1400-36	Independent Narrow Modified A-frame 10 Degree Knock Down	\$3,842.00
	OR-1400-3	Knock Down Modified-A-Frame	\$3,842.00
<b>Outrigger Valves &amp; Interlock</b>			
0	VK-1400-31	12 volt Outrigger/Boom switch kit	\$335.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
<b>New Lift Extended Warranty</b>			
	EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
	EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-36/40/47/52-SI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VST-36-SI Insulated 36 ft. telescopic/articulating aerial platform lift, including the items listed  
 VST-40-SI Insulated 40 ft. telescopic/articulating aerial platform lift, including the items listed  
 VST-47-SI Insulated 46 ft.6 In telescopic/articulating aerial platform lift, including the items listed  
 VST-52-SI Insulated 51ft.2 In. telescopic/articulating aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitrol single lever control including safety trigger, dump valve, and tool selector.
- 3 TruGuard dielectric isolating system
- 4 Hydraulic platform rotator 1000
- 5 Full pressure turret mounted lower controls with override.
- 6 Engine start/stop from platform and lower controls.
- 7 Continuous rotation including one pass slip ring for start/stop system.
- 8 Six gpm open center hydraulic system at 3000 psi
- 9 Side mounted telescopic upper boom for low stowed platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below. ELECTROGARD not provided/available on the VST-52-SI.
- 10 Chassis insulating system (fiberglass lower boom insert) providing 12 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 11 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat.
- 12 Non-lube bearings used throughout.

- 13 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 14 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 15 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).
- 16 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 17 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 18 Mounting hardware (specify make/model and CA dimension). VST-47 and VST-52 require subframe.
- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 22 Two operator's manuals and two service manuals (in English).
- 23 ANSI A92.2 data plate.
- 24 Spring loaded bucket rest
- 25 Two Slope Indicators with decals
- 26 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VST-36-SI	Insulated 36 ft. telescopic aerial platform lift, including the items listed	\$52,624.00
	VST-40-SI	Insulated 40 ft. telescopic aerial platform lift, including the items listed	\$53,815.00
1	VST-47-SI	Insulated 46 ft. 6 in. telescopic aerial platform lift, including the items listed	\$58,986.00
	VST-52-SI	Insulated 51 ft. 2 in. telescopic aerial platform lift, including the items listed	\$62,212.00

**Lower Control Options**

1	RO-1260-6 RO-1260-7/8	Lower controls on turret with standard rotary joint Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	Standard \$4,799.00
	RC-1260-3/4	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,232.00
	RC-1260-5/6	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,187.00

**Upper Controls**

1	PS-1260-9/10/26	Single-stick controls mounted between the boom and platform including 1000 platform rotator	Standard
	PS-1260-24/25/32	4-AXIS Single-stick controls mounted between boom and platform support including 1000 platform rotator	\$747.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2/3/4/5	Second set of tool outlets at the platform	\$174.00

**Platform Elevator**

	BE-1260-2	Platform elevator (reduces platform capacity by 50 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds 7 inches of width.	\$3,198.00
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**Right Hand Single-Stick Platform Options**

1	FB-124	Closed 24x24x42, 1 step to Pedestal	Standard
	FB-127	Closed 24x24x42, 1 step to Rear	\$52.00
	FB-212	Closed 24x24x42, 1 step to Curb side	\$52.00
	FB-128	Closed 24x24x39, 1 step to Rear	\$52.00
	FB-134	Closed 24x24x39, 1 step to Pedestal	\$52.00
	FB-215	Closed 24x30x39, 1 step to Rear	\$205.00
	FB-211	Closed 24x30x42, 1 step to Curb Side	\$205.00
	FB-136	Closed 24x30x42, 1 step to Pedestal	\$205.00
	FB-129	Closed 24x30x42, 1 step to Rear	\$205.00
	FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00
	FB-138	Closed 24x24x42, 2 steps to Rear	\$156.00
	FB-162	Closed 24x24x42, 2 steps to Pedestal	\$156.00
	FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
	FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
	FB-150	Closed 24x30x42, 2 steps to Rear	\$308.00
	FB-159	Closed 24x24x42, Toespace 1 step to Pedestal	\$663.00
	FB-166	Closed 24x24x42 Toespace, 1 step to Rear	\$663.00
	Delete	Delete Standard Platform	-\$811.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platform 24" SQ	\$719.00
	-	Fire retardant platform 24" X 30"	\$762.00
	FB-181	Handrail for platform 24" SQ	\$604.00

**Platform Capacities**

1	CA-1260-20	Manlift platform capacity of 450/1000 lbs. Not available with platform elevator.	Standard
	CA-1260-30	Manlift platform capacity of 300/1000 lbs.	\$ -
	CA-1260-XX	Manlift platform capacity of 400/1000 lbs.	\$ -

**Material Handling Option**

1	JW-1260-9	Manual extending , hydraulically articulating jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch.	Standard
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JW-1260-8	Hydraulic extending and articulating jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch. will accommodate LL-1200-1 line lifting option)	\$1,167.00
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**VST-36/40-SI Pedestal Options**

1	P-1260-8	Standard 46-1/4 in. tall pedestal	Standard
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00

**VST-47-SI Pedestal Options**

1	P-1260-9	52-1/4 in. tall pedestal	\$117.00
	P-1260-8	Shorter pedestal for 6 Inch less clearance. 46-1/4 tall pedestal	-
	P-1260-10	Taller pedestal for 6 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00

**VST-52-SI Pedestal Options**

0	P-1260-10	Standard 58-1/4 in. tall pedestal	\$138.00
	P-1260-9	Shorter pedestal for 6 in. less clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-11	Taller pedestal for 6 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00
	P-1260-8	Shorter pedestal for 12 in. less clearance. 46-1/4 in. tall pedestal	-

**2 Speed Throttle Control Options**

CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$608.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$563.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00

**Auto Throttle Control Options**

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00

**Control Circuits**

	CC-900	Control circuit from platform including air cylinder, air line and pressure switch (Requires 1 slip ring)	\$146.00
0	LT-1260-1/2/4	Lift throttle Insulated (required with 2-speed throttle control or priority flow control)	\$67.00

1	EP-1260-11/13	Emergency 12V DC hydraulic system (Requires 1 slip ring)	\$805.00
	SS-1260-1/5	Start/stop is standard (Requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$117.00)

#### Collector Ring Options

0	Extra	Extra Slip Rings	
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

#### Fiber-Optic and DC drive Options

0	HC-1260/1270 -XX HCT-1260-XX	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,395.00
	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
0	GK-1200-3	48V DC Battery Gauge	\$94.00
	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,240.00

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

	RC-1260	Radio Control 12V Transmitter and Receiver	\$1,243.00
	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

#### Misc. Options

	39016/39017	Extra operator's manual and service manual (in English)	\$92.00
	BC-1200-6	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included. VST-36/40-SI Only	\$1,034.00
	BC-1200-4 SK-1200-1	Auto Boom Latch for mounting on outer boom Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	OB-1260-17/18	Delete outer boom tip (Electrogard)	(\$819.00)
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-1260-1	Lift eye on outer boom with 1000 lb. capacity (not available on VST-36)	\$85.00
1	PS-922	Tubular rubber platform support 5 in. high	Standard
	PS-11	Tubular rubber platform support 23 in. high	-
	Delete	Delete Tubular rubber platform support	-
	RE-1200-1	External 30 gallon reservoir	\$1,309.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	LB-1260-9/10/11	Delete Lower boom insert	(\$1,812.00)
	-	Inner boom serial number tagging	\$177.00

#### Paint Options

1	Std. White	Standard white urethane	Standard
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6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
6 mil Urethane Special	Special Color Urethane (specify color code)	\$777.00
6 mil Urethane Special	Special Color Extreme Climate Urethane (6 mils)	\$1,555.00
Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
	Base coat/clear coat. Metallic.	Not Available

#### VST-36/40-SI Mounting Hardware

1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe). Excludes Dodge, see below	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe). Excludes Dodge, see below	\$ -
	MH-1260-11	Mounting hardware for Dodge 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
	Delete	Delete Pedestal mounting hardware	(\$163.00)

#### VST-47/52-SI Mounting Hardware

1	MH-1260-3	Mounting hardware for under 24,000 GVWR 84 CA chassis. Requires dual outriggers (135 in. ship loose subframe)	Standard
	MH-1260-10	Mounting hardware for 24,000+ GVWR chassis with one set of outriggers (93-1/2 in. ship loose subframe)	(\$96.00)
	Delete	Delete Pedestal mounting hardware and subframe	(\$297.00)

#### Main Outriggers, (Include two control valves)

	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,047.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,047.00
	OR-1400-37	Modified A-frame Knock Down	\$4,047.00

#### Auxiliary Outriggers, (Include two control valves)

	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,842.00
	OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
	OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$3,842.00
	OR-1400-36	Independent Narrow Modified A-frame 10 Degree Knock Down	\$3,842.00
	OR-1400-3	Knock Down Modified-A-Frame	\$3,842.00

#### Outrigger Valves & Interlock

0	VK-1400-31	12 volt Outrigger/Boom switch kit	\$335.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

#### New Lift Extended Warranty

	EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
	EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-36/40-N</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VST-36-N Non-Insulated 36' 4" ft. telescopic/articulating aerial platform lift, including the items listed  
 VST-40-N Non-Insulated 40' 4" ft. telescopic/articulating aerial platform lift, including the items listed  
 VST-47-N Non-Insulated 46' 10" ft. telescopic/articulating aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitrol single lever control including safety trigger, dump valve, and tool selector.
- 3 Hydraulic platform rotator.
- 4 Full pressure turret mounted lower controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including one pass slip ring for start/stop system.
- 7 Six gpm open center hydraulic system at 3000 psi
- 8 Side mounted telescopic upper boom for low stowed platform.
- 9 Non-lube bearings used throughout.
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 12 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).
- 13 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 14 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 15 Mounting hardware (specify make/model and CA dimension).
- 16 PTO and pump

- 17 Standard white urethane paint.
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 19 Two operator's manuals and two service manuals (in English).
- 20 ANSI A92.2 data plate.
- 21 Spring loaded bucket rest
- 22 Two Slope Indicators with decals.
- 23 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VST-36-N	Non-Insulated 36 ft. telescopic aerial platform lift, including the items listed	\$41,432.00
1	VST-40-N	Non-Insulated 40 ft. telescopic aerial platform lift, including the items listed	\$42,676.00
1	VST-47-N	Non-Insulated 46 ft. 10 in. telescopic aerial platform lift, including the items listed	\$47,975.00

**Lower Control Options**

1	RO-1260-6	Lower controls on turret with standard rotary joint	Standard
	RO-1260-7/8	Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal)	\$4,799.00
	RC-1260-5/6	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,232.00
	RC-1260-3/4	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,187.00

**Upper Control Options**

1	SC-1260-1/2/3	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1260-11/12/13	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -
	SC-1260-4/5/6	4-AXIS Right hand single-stick controls platform support including 180 degree platform rotator	\$747.00
	SC-26/27/28 /41/42/43		

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2//4	Second set of tool outlets at the platform	\$174.00

**Platform Wiring**

1	PW-1260-1/2	120 Volt Wiring Including GFCI receptacle at platform (requires 3 slip rings)	\$186.00
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**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-921	Closed 24x24x42, 1 step to curb side	Standard
	FB-169	Closed 24x24x42, 2 steps to curb side	\$156.00
	FB-967	Closed 24x24x42, 2 step 1 to rear and 1 step curb side	\$156.00
	FB-929	Closed 24x24x42 Toespace, 1 step to curb side	\$663.00
	FB-1001	Closed 24x30x39, 1 step to curb side	\$205.00
	FB-948	Closed 24x30x42, 1 step to curb side	\$205.00
	FB-1500-1/17	Closed 24x30x42 1 step to rear (opposite ribs)	\$205.00
	FB-852	Closed 24x30x42 2 steps to curb side	\$308.00

FB-186	Closed 24x30x42 Toespace, 1 step to curb side	\$819.00
FB-959	Closed 24x30x42 with Toespace 1 Step to curb side	\$819.00
FB-987	Closed 24x30x42 Toespace, 1 step to rear (opposite ribs)	\$819.00
FB-950	Closed 24x42x42 1 step to Curb side	\$375.00
FB-856	Closed 24x42x42 2 steps to Curb side	\$478.00
FB-944	Closed 24x48x42 1 step to curb side (Not available with jib and winch)	\$523.00
FB-850	Closed 24x48x42 2 step to curb side (Not available with jib and winch)	\$627.00
FB-1520-1	Duckunder 24x24x42, open to curb side	\$52.00
FB-1520-3	Duckunder 24x42x42, open to curb side	\$375.00
FB-1520-5	Duckunder 24x30x42, open to curb side	\$205.00
FB-1510-25	Walk-in 24x42x42, open to curb side	\$375.00
FB-1510-42	Walk-in 24x30x42, open to curb side	\$205.00
FB-1510-4	Walk-in 24x24x42, open to curb side	\$52.00
FB-1510-5	Walk-in 24x24x42, open to rear (opposite ribs)	\$52.00
SA-1510-1	Walk-in 24x24x42, open to curb side, cavity towards rear (opposite ribs)	\$220.00
Delete	Delete Standard Platform	-\$811.00
AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door.	\$5,390.00
AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100 lbs.) Includes door.	\$5,660.00

#### Left Hand Single-Stick Platform Options (descriptions in end hung position)

FB-924	Closed 24x24x42, 1 step to street side	\$52.00
FB-206	Closed 24x24x42, 2 steps to street side	\$156.00
FB-946	Closed 24x24x42, Toespace, 1 step to rear (opposite ribs)	\$663.00
FB-947	Closed 24x30x42, 1 step to street side	\$205.00
FB-985	Closed 24x30x42, 1 step to Rear	\$205.00
FB-853	Closed 24x30x42, 2 steps to street side	\$308.00
FB-989	Closed 24x30x42, with Toespace 1 to Street side	\$819.00
FB-949	Closed 24x42x42, 1 step to street side	\$375.00
FB-943	Closed 24x48x42, 1 step to street side (Not available with jib and winch)	\$523.00
FB-961	Closed 24x48x42, 2 steps to streetside (Not available with jib and winch)	\$627.00
FB-1520-2	Duckunder 24x42x42, open to street side	\$375.00
FB-1520-4	Duckunder 24x30x42, open to street side	\$205.00
FB-1510-2	Walk-in 24x42x42, open to street side	\$375.00
SA-1510-2	Walk-in 24x24x42 Toespace, open to street side	\$663.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
CB-14	24 square Transparent tent & top	\$767.00
SA-1530-8	24 x 30 Transparent tent & top	\$871.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Platform Capacities

1	CA-857	Manlift Platform Capacity 600lbs. (Not available with aluminum platform).	Standard
	CA-852	Manlift platform capacity of 500 lbs.	\$ -
	CA-853	Manlift platform capacity of 350 lbs.	\$ -
	CA-901	Manlift platform capacity of 400 lbs.	\$ -

CA-1260-31	Std. jib capacity of 300/400P lbs., 1000J lbs.	\$	-
CA-1260-32	Jib Capacity Indicator Installation (400/500P, 1000J)lbs.	\$	-
CA-1260-33	Jib Capacity Indicator Installation (500/600P, 1000J)lbs. (Not available with aluminum platform)	\$	-

#### Material Handling Option

JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. See specificati	\$3,741.00
JW-1270-2	Hydraulic articulating and extending jib pole and winch package for up to 1000lb	\$6,372.00
JW-1270-15	Hydraulic articulating dual arm jib and winch package for up to 1000lbs. capacit	\$6,989.00
CA/IB/SC-XX	Jib and winch prep package for hydraulic jib	\$1,661.00
CA/IB/SC-XX	Jib and winch prep package for manual jib	\$1,570.00
CB-18	Jib socket cover	\$10.00

#### VST-36/40 Pedestal Options

1	P-1260-8	Standard 46-1/4 in. tall pedestal	Standard
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00

#### VST-47 Pedestal Options

1	P-1260-9	52-1/4 in. tall pedestal	\$101.00
	P-1260-8	Shorter pedestal for 6 Inch less clearance. 46-1/4 tall pedestal	\$ -
	P-1260-10	Taller pedestal for 6 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 12 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-6	Adjustable pedestal riser for between 20-3/4 in. and 30-3/4 in. additional clearance.	\$693.00

#### 2 Speed Throttle Control Options

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$849.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$563.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$650.00

#### Auto Throttle Control Options

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$675.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$671.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$542.00

#### Control Circuits

	EP-1260-9/13	Emergency Power Non-Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$805.00
0	LT-1260-1/2/3	Lift throttle Non-Insulated (required with 2-speed throttle control or priority flow control)	\$30.00
1	SS-1260-1/3	Start/stop 12V DC is standard (Requires 2 slip ring)	Standard
	Delete	Delete engine start/stop	(\$62.00)
	61006-2	Extra 19 wire cable for electrical control circuit	\$230.00

**Collector Ring Options**

	Extra	Extra Slip Rings required	-
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
1	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**DC drive Options**

0	HC-NEW	Actuation system for DC drive units. For lifts without tool power. Provides wires through boom including actuators and transceivers. Requires 3 slip rings.	\$658.00
	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
0	GK-1200-3	48V DC Battery Gauge	\$94.00
	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,332.00

**Misc. Options**

	39018/39019	Extra operator's manual and service manual (in English)	\$92.00
	BC-1200-6	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	SK-1200-1		
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-1260-1	Lift eye on outer boom with 1000 lb. capacity (not available on VST-36)	\$85.00
1	PS-922	Tubular rubber platform support 5 in. high	Standard
	PS-11	Tubular rubber platform support 23 in. high	\$35.00
	Delete	Delete Tubular rubber platform support	(\$34.00)
	RE-1200-1	External 30 gallon reservoir	\$1,309.00
	SD-1200-11	Body belt and 24 Inch lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard (Extra-large)	\$205.00
	SD-1200-11 x2	Body belts and 24 inch lanyards	\$206.00
	SD-1200-48 x2	Two Full body harnesses and lanyards	\$409.00
	SD-1200-49 x2	Full body harnesses and lanyards (Extra-large)	\$409.00
	LB-1260-XX	Lower boom insert for low voltage insulation (Export only)	\$1,812.00

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Mounting Hardware For VST-36/40-N**

1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe). Excludes Dodge, see below	Standard
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MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe). Excludes Dodge, see below	\$ -
MH-1260-11	Mounting hardware for Dodge 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
Delete	Delete Pedestal mounting hardware	(\$163.00)

**Mounting Hardware for VST-47-N**

1	MH-1260-3	Mounting hardware for under 24,000 GVWR 84 CA chassis. Requires dual outri	Standard
	MH-1260-10	Mounting hardware for 24,000+ GVWR chassis with one set of outriggers (93-1,	(\$96.00)
	Delete	Delete Pedestal mounting hardware and subframe	(\$297.00)

**Main Outriggers, (Include control valves and a selector)**

OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,047.00
OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,047.00
OR-1400-37	Modified A-frame Knock Down	\$4,047.00

**Auxiliary Outriggers, (Include control valves and a selector)**

OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,842.00
OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$3,842.00
OR-1400-36	Narrow 10 Degree Knock Down	\$3,842.00
OR-1400-3	Knock Down Modified-A-Frame	\$3,842.00

**Outrigger Valves & Interlock**

0	VK-1400-31	12 volt Outrigger/Boom switch kit	\$335.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**New Lift Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift LT-56/62-NE</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

LT-56-NE Non-Insulated 56 Ft. telescopic aerial platform lift, including the items listed

LT-62-NE Non-Insulated 62 Ft. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 440 lbs.
- 2 OEM Full proportional control system.
- 3 Platform mounted full feathering joystick controls, including safety triggers, and emergency stop/dump valve.
- 4 Turret mounted toggle switches operate boom functions at reduced speeds.
- 5 Engine start/stop from platform and lower controls.
- 6 Emergency 12 volt emergency power (requires one slip ring).
- 7 Continuous rotation including five slip rings (start/stop system, positive, and negative require 4 slip rings).
- 8 Three gpm open center hydraulic system. Operating pressure is 2250 psi
- 9 High strength steel intermediate and outer booms. Aluminum inner boom.
- 10 Non-lube bearings used throughout.
- 11 Remote mount steel 30 gal (114 l) hydraulic oil reservoir with sight level gauge.
- 12 Duck under 49 in. X 33 in. X 43 in. steel platform.
- 13 Master/slave hydraulic leveling with upper and lower controls to tilt for cleanout or rescue.
- 14 Hydraulic 180O platform rotation.
- 15 Upper boom storage cradle with ratchet type tie down strap.
- 16 Mounting hardware (specify make/model and CA dimension).
- 17 PTO and pump
- 18 Standard white urethane paint.

- 19 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 data plate.
- 22 Spring loaded bucket rest
- 23 Two Slope Indicators with decals.
- 24 Standard installation of aerial and body

Recommended chassis specification

Cab to rear axle dimensions	84 in.
Frame section modulus (per frame rail)	10.1 in <sup>3</sup>
Frame resisting bending moment (per frame rail)	363,600 in-lbs

With Outriggers

GVWR	17,500 lbs.
GVWR (Front)	6,000 lbs.
GVWR (Rear)	13,500 lbs.
Approximate curb weight for stability	11,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	LT-56-NE	Non-Insulated 56 Ft. telescopic aerial platform lift, including the items listed (base unit requires 2 slip rings)	\$60,606.00
	LT-62-NE	Non-Insulated 62 Ft. telescopic aerial platform lift, including the items listed (base unit requires 2 slip rings)	\$61,810.00

**Platform Options**

1	SB-1520-1	Steel platform measuring 33 in. X 49 in. x 43 in. Vert Sides	Standard
	SB-58	Standard steel platform measuring 33 in. X 49 in. x 43 in.	\$ -
	FB-72	Duck under 24x42, open to US street side with lift mounted behind cab	\$730.00

**Platform Tools**

1	AL-58	Pneumatic circuit (airline) to platform	\$124.00
	PW-50	GFCI receptacle for 120 V power at platform (requires 3 slip rings)	\$186.00

**Platform Capacities**

1	CA-1240-1	440 lbs. standard platform capacity. Maximum side reach is 27 ft. 10 in.	Standard
	CA-1240-2	350 lbs. platform capacity. Maximum side reach is 31 ft.	\$ -

**Pedestal Options**

1	P-131	Standard 22 inch pedestal	Standard
	P-130	Pedestal Top Plate Only	\$ -
	P-1240-1	28 Inch Pedestal	\$ -

**Mounting Hardware**

1	MH-104	Standard mounting hardware	Standard
	Delete	Delete standard mounting hardware	-\$451.00

**Control Circuit Options**

1	EP-106	Emergency Power, 12VDC Hydraulic System (requires 1 slip ring)	Standard
1	SS-64	Start stop is standard (requires 2 slip rings)	Standard
	Delete	Delete engine start/stop.	-\$44.00
	-	24V Prop Control Valve in lieu of std. 12V	\$75.00

**Collector Ring Options ( Lift requires 2 slip rings)**

0	Extra	Extra Slip Rings required	\$ -
	28457-3	Collector ring, 5-pass	\$280.00

1	28457-8	Collector ring, 10-pass	\$408.00
	Not Required	Slip Rings not required	\$ -

**Misc. Options**

	29050/29051	Extra operator's manual and service manual (in English)	\$92.00
1	RE-1200-1	30 gallon external reservoir	Standard
	Delete	30 gallon external reservoir	-\$352.00
	BB-5	Boom brush option provides brushes for inner and intermediate booms	\$488.00
	SD-1200-11 x2	Body belt and lanyard (2 sets)	\$206.00
	SD-1200-48 x2	Full body harness and lanyard (Large) (2 sets)	\$409.00
	SD-1200-49 x2	Full body harness and lanyard (Extra-large) (2 sets)	\$409.00

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Main Outriggers (Include two control valves and a selector)**

	OR-1400-1	Modified A-Frame 30-35 Inch Frame Height	\$4,047.00
	OR-1400-2	Modified A-Frame 36-40 Inch Frame Height	\$4,047.00
	OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,047.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,047.00
1	OR-1400-17	H-Frame 2X8 Cross Tube 30-42 Inch Frame Height	\$4,047.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$4,047.00

**Auxiliary Outrigger Options**

	OR-1400-1	Modified A-Frame 30-35 Inch Frame Height	\$3,842.00
	OR-1400-2	Modified A-Frame 36-40 Inch Frame Height	\$3,842.00
	OR-1400-5	Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
1	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,842.00
	OR-1400-42	Narrow 10 Degree 30-35 Inch Frame Height	\$3,842.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,842.00

**Outrigger Valves & Interlock Options**

1	VK-1400-10	12 volt Outrigger/Boom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
1	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
	VK-1400-16	Rotary Lift/Outrigger selector valve in lieu of push/pull selector valve (not available with outrigger boom interlock)	\$27.00

**Extended Warranty**

	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$1,803.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$3,502.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-5000-I03</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated 50 Ft. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 600 lbs.
- 2 Platform mounted full pressure Unitrol single-stick control including safety trigger, emergency stop, and hydraulic platform rotator with tilt for cleanout or rescue.
- 3 TruGuard dielectric isolating system
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including one pass slip ring for start/stop system.
- 6 7.5 gpm open center hydraulic system with a 2250 psi operating pressure.
- 7 Side mounted telescopic upper boom allows low stowing of platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 8 Chassis insulating system (fiberglass lower boom insert) providing 24 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 9 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat.
- 10 Non-lube bearings used throughout.
- 11 One set of hydraulic tool outlets at platform (quick disconnect fittings not included).
- 12 Tubular pedestal including pedestal mounted A-frame outriggers with pivot feet, two control valves, and a selector valve.
- 13 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 14 Closed heavy duty one step 24 in. X 48 in. X 42 in. fiberglass platform.

- 15 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 16 Upper boom storage cradle with ratchet type tie down strap.
- 17 Tubular rubber platform support.
- 18 Mounting hardware.
- 19 PTO and pump
- 20 Standard white urethane paint.
- 21 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 22 Two operator's manuals and two service manuals (in English).
- 23 Spring loaded bucket rest
- 24 Non-returnable skid for flatbed shipment.
- 25 Two Slope Indicators with decals.
- 26 Standard installation of aerial and body

Recommended chassis specifications w/600 lb. capacity

Cab to rear axle dimensions	84 in
Frame section modulus (per frame rail)	18 in 3
Frame resisting bending moment (per frame rail)	900,000 in-lbs
Approximate weight for stability	21,000 lbs.

Recommended chassis specifications w/750 lb. capacity

Cab to rear axle dimensions (requires 102 CA for increased capacities)	102 in
Frame section modulus (per frame rail)	15 in 3
Frame resisting bending moment (per frame rail)	750,000 in-lbs
Approximate weight for stability	20,000 lbs.

Axle ratings

GVWR	31,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	19,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VST-5000-I03	Insulated 50 Ft. telescopic/articulating aerial platform lift, including the items listed. For use with maximum 600 lb. manlift capacity.	\$64,432.00
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**Upper Control Options**

1	SC-1270-1/2/3/ 23 24/25/42	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1270-3/4/43	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -
	SC-1270-19/20/ 21/44	4-AXIS Right hand single-stick controls platform support including 180 degree platform rotator	\$747.00
	HK-1270-3	1 ft. longer hoses from boom tip manifold to upper controls (Export option)	\$262.00

**Platform Support Options**

0	PS-1270-10/11/14	Heavy duty rotator and platform support. Required with platform elevator.	\$829.00
	BE-1270-5	Platform elevator (reduces platform capacity by 100 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds seven inches of length from the centerline of the platform rotator. Not available with Aluminum platform.	\$2,566.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform (quick disconnect fittings not included)	
	HP-952	Pressure limit (with Open Center Sytem only)	\$279.00
	HP-1260-1/-2	Second set of hydraulic tool outlets at platform	\$174.00

**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-944	Standard closed 24x48x42, 1 step to curb side	Standard
	FB-948	Closed 24x30x42, 1 step to curb side	-\$318.00
	FB-950	Closed 24x42x42, 1 step to curb side	-\$148.00
	FB-957	Closed 24 square, 1 step to curb side	-\$473.00
	FB-1500-17	Closed 24x30x42, 1 step to rear - (Maximum 600 lb capacity)	-\$318.00
	FB-959	Closed 24x30x42 toe space, 1 step to curb side	\$295.00
	FB-964	Closed 24x30x42, 2 steps to curb side	-\$318.00
	FB-850	Closed 24x48x42, 2 steps to curb side	\$103.00
	FB-1510-8	Duckunder 24 x 24x42, open to curb side (Requires door)	-\$473.00
	FB-1510-5	Duckunder 24x24x42, open to rear (Requires door)	-\$473.00
	FB-1510-27	Walk-in 24x30x42,with toe space open to curb side (Requires door)	\$295.00
	FB-1510-28	Walk-in 24x30x42, with toe space open to rear (Requires door)	\$295.00
	FB-1500-41	Closed 24x48x42 Toespace, 1 step to curb side	\$2,096.00
	AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door. Not available with platform elevator.	\$5,390.00
	AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door. Not available with platform elevator.	\$5,660.00
	Delete	Standard platform	-\$1,054.00

**Left Hand Single-Stick Platform Options (descriptions in end hung position)**

	FB-943	Closed 24x48, 1step to street side	\$ -
	FB-947	Closed 24x30, 1 step to street side	-\$318.00
	FB-949	Closed 24x42x42, 1 step to street side	-\$148.00
	FB-961	Closed 24x48x42, 2 steps to street side	\$103.00
	FB-985	Closed 24x30x42, 1 step to rear	(\$318.00)
	FB-989	Closed 24x30x42 toe space, 1 step to street side	\$295.00
	FB-998	Closed 24 square, 1 step to street side	(\$473.00)
	FB-1510-29	Walk-in 24x30x42, with toe space open to rear (Requires door)	\$295.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-10	Platform liner 24x42x42 in.	\$541.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platform 24" X 42"	\$820.00
	-	Fire retardant platform 24" X 48"	\$862.00
	FB-180	Handrail for platform 24" SQ	\$421.00
	FB-182/183	Handrail for platform 24" X 30"	\$513.00
	FB-177/178	Handrail for platform 24" X 42"	\$560.00
	FB-184/185	Handrail for platform 24" X 48"	\$657.00

**Platform Capacities (Consult specifications as higher capacities require different chassis specifications)**

1	CA-857	Standard manlift platform capacity of 600 lbs. Not available with platform elevator or aluminum platform. See "Options - 750 lb cap" tab at bottom if higher capacities are required.	Standard
	CA-852	Manlift platform capacity of 500 lbs.	
	CA-1270-1	Platform capacity of 500 lbs. with jib and winch installed 600 lbs. without jib and winch. Not available with platform elevator or aluminum platform. See "Options 750 lb cap" tab if higher capacities are required.	\$ -
	CA-1270-18/-19	Platform capacity of 400 lbs. with jib and winch and 500 lbs. without jib and winch installed.	\$ -

#### Material Handling Options

	JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. See specifications for platform variations with jib and winch.	\$3,741.00
	JW-1270-2	Hydraulic articulating and extending jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch.	\$6,372.00
	JW-1270-7	Hydraulic articulating and extending jib pole and winch package for up to 1000 lbs. capacity. Includes winch load indicator to determine approximate load. See specifications for platform variations with jib and winch	\$7,077.00
	JW-1270-15	Hydraulic dual arm articulating jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch. Includes insulated jib pole for live line lifting.	\$6,989.00
	CB-18	Jib socket cover	\$10.00
	JW-901	Jib socket tube. Can be welded to body for jib stowage	\$140.00
	Special	Jib and winch prep package for manual jib	\$1,432.00
	Special	Jib and winch prep package for hydraulic jib	\$1,661.00
	Delete	Jib socket	(\$40.00)

#### Pedestal Options

1	P-1270-1	Standard pedestal (57 3/16) with integral outriggers	\$1,145.00
	P-1270-2	Taller pedestal for 6 in. (63 3/16 in.) additional clearance with integral outriggers	\$1,277.00
	P-1270-3	Taller pedestal for 12 in. (69 3/16 in.) additional clearance with integral outriggers	\$1,338.00
	P-1270-4	Stand Alone pedestal (51 in.). Requires subframe (typically 6 in. tall).	\$263.00
	P-1270-5	Stand alone pedestal for 6 in. (57 3/16 in.) additional clearance. Requires subframe (typically 6 in. tall).	\$394.00
	P-1270-7	Stand alone pedestal for 12 in. (63 3/16 in.) additional clearance. Requires subframe (typically 6 in. tall).	\$455.00
	P-1270-6	Stand Alone pedestal for 6 in. (45 in.) less clearance. Requires subframe (typically 6 in. tall).	\$130.00

#### Rotation Options

1	RO-1270-1	Standard Continuous rotation with lower controls mounted on turret	Standard
	RO-1270-5	Full hydraulic controls below rotation. Does not include hoses below rotation. Requires 63-3/16 in. pedestal.	\$4,955.00

#### 2 Speed Throttle Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00

#### Auto Throttle Control Options

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
<b>Control Circuit Options</b>			
	CC-11	Control circuit from platform including air cylinder, air line and pressure switch (requires 1 slip ring)	\$146.00
	EP-950/1270-1/3/5	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0	LT-5	Lift throttle (required with throttle control)	\$67.00
1	Standard	Start/stop is standard (requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$116.00)
<b>Collector Ring Options ( Collector ring is only needed in conjunction with continuous rotation)</b>			
	Extra	Extra slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
<b>Fiber-Optic and DC drive Options</b>			
	HC-1270-X	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,506.00
	HCT-1270-XX		
<b>Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle</b>			
	RC-1260-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,243.00
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00
<b>Misc. Options</b>			
	29055/29056	Extra operator's manual and service manual	\$92.00
	BC-1200-2 & SK-1200-1	Auto Boom Latch for mounting on Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	BC-1200-3 & SK-1200-1	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnect fittings)	\$76.00
	HC-1200-2	Hydraulic tool power at ground controls with pressure limit (selector valve shipped loose without quick disconnect fittings)	\$295.00
	HC-1200-4	Hydraulic tool power at ground controls with pressure and flow limit (selector valve shipped loose without quick disconnect fittings)	\$361.00
	LB-1270-5	Delete Lower boom insert	(\$2,565.00)
	LE-950	Lift eye on outer boom with 1000 lb.capacity	\$85.00
	OB-1270-4	Delete Electrogard from outer boom	(\$1,194.00)
	SD-18	Full body harness and lanyard, large ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard, extra-large ARC Flash Rated	\$345.00
	SD-18 x2	Two Full body harness and lanyards (Large) ARC Flash Rated	\$691.00
	SD-19 x2	Two Full body harness and lanyards (Extra large) ARC Flash Rated	\$691.00
	-	Innerboom serial number tagging (Export only)	\$177.00
	Delete	Delete platform support	(\$25.00)
	See EO price list for EO options and requirements		
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
		Special color urethane (specify color code)	\$1,037.00

6 mil Urethane	Extreme Climate 6 mil Special color urethane (specify color code)	\$2,075.00
Special	Special red, chrome colors, or Imron 5000	Consult Factory
Not Available	Base coat/clear coat. Metallic.	Not Available

**Mounting Hardware (Requires 102 in. or Longer CA)**

1	MH-1270-1	Subframe mounting hardware for 102 - 108 inch cab to axles. Subframe is UN-welded	\$1,358.00
	MH-1270-2	Subframe mounting hardware for 109 - 138 inch cab to axles. Subframe is UN-welded	\$2,056.00
	MH-119	Pedestal mount plate and fasteners for customer supplied subframe	\$250.00
	Delete	Delete mounting hardware	(\$307.00)

**Main Outriggers (Include two control valves)**

1	OR-1400-19	Subframe mounted Main outriggers for subframe mounting 35-41 in frame height. Requires subframe. Outriggers provide 147 in. of penetration at full extension.	\$4,963.00
	OR-1400-20	Subframe mounted Main outriggers for subframe mounting 42-48 in. frame height. Requires Subframe. Outriggers provide 147 in. of penetration at full extension.	\$4,963.00
	OR-1400-59	Subframe mounted Main outriggers for subframe mounting 42-48 in. frame height. Requires Subframe. Outriggers provide 157 in. of penetration at full extension.	\$6,006.00
	OR-1400-41	Knock down main outriggers, 2 leg assemblies in lieu of standard set	\$4,789.00

**Auxiliary Outriggers (Include two control valves)**

	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$3,842.00
	OR-1400-5	Narrow Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,842.00
	OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$3,842.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,842.00

**Outrigger Valves & Interlock**

1	VK-1400-10	12 volt Outrigger/boom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**Extended Warranty**

	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,318.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,378.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-5000-SI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated 50 Ft. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 500 lbs.
- 2 Full pressure Unitrol single-stick control including safety trigger, emergency stop, and 100 degree hydraulic platform rotator with tilt for cleanout or rescue. Control panel is mounted between boom and platform.
- 3 TruGuard dielectric isolating system
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including one pass slip ring for start/stop system.
- 6 7.5 gpm open center hydraulic system with a 2250 psi operating pressure.
- 7 Side mounted telescopic upper boom allows low stowing of platform.
- 8 Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 9 Chassis insulating system (fiberglass lower boom insert) providing 24 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2. Note: The VST-5000-SI includes a boom which is 24 inches longer than the VST-5000I lower boom.
- 10 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat.
- 11 Non-lube bearings used throughout.
- 12 One set of hydraulic tool outlets at platform (quick disconnect fittings not included).
- 13 Tubular pedestal including pedestal mounted A-frame outriggers with pivot feet, two control valves, and a selector valve.

- 14 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 15 Closed heavy duty one step 24 in. X 24 in. X 42 in. fiberglass platform.
- 16 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 17 Upper boom storage cradle with ratchet type tie down strap.
- 18 Side mounted hydraulic articulating jib.
- 19 Tubular rubber platform support.
- 20 Mounting hardware.
- 21 PTO and pump
- 22 Standard white urethane paint.
- 23 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 24 Two operator's manuals and two service manuals (in English).
- 25 ANSI A92.2 data plate.
- 26 Spring loaded bucket rest
- 27 Two Slope Indicators with decals.
- 28 Standard installation of aerial and body

Recommended chassis specifications

Cab to rear axle dimensions	84 in
Frame section modulus (per frame rail)	18 in 3
Frame resisting bending moment (per frame rail)	900,000 in-lbs

Axle ratings

GVWR	31,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	19,000 lbs.
Approximate weight for stability	21,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VST-5000-SI	Insulated 50 Ft. telescopic/articulating aerial platform lift, with Side Mount platform and winch including the items listed. NOTE: The lower boom is 24 inches longer than standard VST-5000I lower boom.	\$70,890.00
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**Upper Control Options**

1	PS-1270-5	Right hand single-stick controls platform support including 100 degree platform rotator	Standard
	PS-1270-XX	4-AXIS Right hand single-stick controls platform support including 100 degree platform rotator	\$747.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform (quick disconnect fittings not included)	\$ -
	HP-952	Pressure limit (with Open Center Sytem only)	\$279.00
	HP-1260-1/3/4	Second set of hydraulic tool outlets at platform	\$174.00

**Primary Single-Stick Platform Options**

1	FB-124	Closed 24x24x42, 1 step to Pedestal	Standard
	FB-127	Closed 24x24x42, 1 step to Rear	\$52.00
	FB-212	Closed 24x24x42, 1 step to Curb side	\$52.00
	FB-128	Closed 24x24x39, 1 step to Rear	\$52.00
	FB-134	Closed 24x24x39, 1 step to Pedestal	\$52.00
	FB-215	Closed 24x30x39, 1 step to Rear	\$205.00
	FB-211	Closed 24x30x42, 1 step to Curb Side	\$205.00
	FB-136	Closed 24x30x42, 1 step to Pedestal	\$205.00
	FB-129	Closed 24x30x42, 1 step to Rear	\$205.00
	FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00

FB-138	Closed 24x24x42, 2 steps to Rear	\$156.00
FB-162	Closed 24x24x42, 2 steps to Pedestal	\$156.00
FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
FB-150	Closed 24x30x42, 2 steps to Rear	\$308.00
FB-159	Closed 24x24x42, Toespace 1 step to Pedestal	\$663.00
FB-166	Closed 24x24x42 Toespace, 1 step to Rear	\$663.00
Delete	Delete Standard Platform	-\$811.00
		\$ -

**Secondary Platform Options (Requires Dual platform support option)**

FB-127	Closed 24x24x42, 1 step to Pedestal	\$ -
FB-124	Closed 24x24x42, 1 step to Rear	\$52.00
FB-212	Closed 24x24x42, 1 step to Street side	\$52.00
FB-128	Closed 24x24x39, 1 step to Pedestal	\$52.00
FB-134	Closed 24x24x39, 1 step to Rear	\$52.00
FB-215	Closed 24x30x39, 1 step to Pedestal	\$205.00
FB-211	Closed 24x30x42, 1 step to Street Side	\$205.00
FB-136	Closed 24x30x42, 1 step to Rear	\$205.00
FB-129	Closed 24x30x42, 1 step to Pedestal	\$205.00
FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00
FB-138	Closed 24x24x42, 2 steps to Pedestal	\$156.00
FB-162	Closed 24x24x42, 2 steps to Rear	\$156.00
FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
FB-150	Closed 24x30x42, 2 steps to Pedestal	\$308.00
FB-159	Closed 24x24x42, Toespace 1 step to Rear	\$663.00
FB-166	Closed 24x24x42 Toespace, 1 step to Pedestal	\$663.00
Delete	Delete Secondary Platform	(\$811.00)

**Platform Accessories**

		\$ -
CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-2 x2	Two Platform covers, nylon/vinyl, 24x24 in.	\$177.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-7 x2	Two Platform covers, nylon/vinyl, 24x30 in.	\$295.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-3 x2	Two Platform liners 24x24x42 in.	\$785.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-5 x2	Two Platform liners 24x30x42 in.	\$1,011.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-8 x2	Two Platform liners 24x24x39 in.	\$785.00
SA-17	Work tray w/ mounting	\$122.00
SA-17 x2	Two Work trays w/ mounting	\$243.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-2 x2	Two Polyethylene tool trays 8x19x 8 in.	\$374.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
TO-3 x2	Two Polyethylene tool trays 7x15x17 in.	\$441.00
-	Fire retardant platform 24" SQ	\$719.00
x2	Dual Fire retardant platform 24" SQ	\$1,439.00
-	Fire retardant platform 24" X 30"	\$762.00
x2	Dual Fire retardant platform 24" X 30"	\$1,523.00
FB-181	Handrail for platform 24" SQ	\$604.00
FB-181 x2	Two Handrails for platform 24" SQ	\$1,206.00
FB-NEW	Handrail for platform 24" X 30"	Consult Factory
FB-NEW x2	Two Handrails for platform 24" X 30"	Consult Factory

**Platform Capacities**

1	CA-1270-7/9	Platform capacity of 500 lbs. with jib and winch.	\$ -
	CA-1270-18/19	Platform capacity of 400 lbs. with jib and winch.	\$ -
0	CA-1270-11/13	Platform capacity of 250 lbs. for dual platforms with jib and winch.	\$ -

**Material Handling Options**

1	JW-1270-11/12	Side mounted, hydraulic articulating and hydraulic extending jib pole and winch package for up to 1000 lbs. capacity. Includes See specifications for platform variations with jib and winch.	\$ -
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**Pedestal Options**

1	P-1270-1	Standard pedestal (57 3/16) with integral outriggers	\$1,145.00
	P-1270-2	Taller pedestal for 6 in. (63 3/16 in.) additional clearance with integral outriggers	\$1,277.00
	P-1270-3	Taller pedestal for 12 in. (69 3/16 in.) additional clearance with integral outriggers	\$1,338.00
	P-1270-4	Stand Alone pedestal (51 in.). Requires subframe (typically 6 in. tall).	\$263.00
	P-1270-5	Stand alone pedestal for 6 in. (57 3/16 in.) additional clearance. Requires subframe (typically 6 in. tall)	\$395.00
	P-1270-7	Stand alone pedestal for 12 in. (63 3/16 in.) additional clearance. Requires subframe (typically 6 in. tall).	\$455.00
	P-1270-6	Stand Alone pedestal for 6 in. (45 in.) less clearance. Requires subframe (typically 6 in. tall).	\$130.00

**Rotation Options**

1	RO-1270-1	Standard Continuous rotation with lower controls mounted on turret	Standard
	RO-1270-5	Full hydraulic controls below rotation. Does not include hoses below rotation. Requires 63-3/16 in. pedestal.	\$4,955.00

**2 Speed Throttle Control Options**

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00

**Auto Throttle Control Options**

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
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**Control Circuit Options**

	CC-11	Control circuit from platform including air cylinder, air line and pressure switch (requires 1 slip ring)	\$146.00
	EP-950/1270-1/3/5	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0	LT-5	Lift throttle (required with throttle control)	\$67.00
1	Standard	Start/stop is standard (requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$116.00)

**Collector Ring Options ( Collector ring is only needed in conjunction with continuous rotation)**

	Extra	Extra slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$385.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

	HC-1270-X	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,506.00
	HCT-1270-XX		

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

	RC-1260-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,243.00
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Misc. Options**

	29055/29056	Extra operator's manual and service manual	\$92.00
	BC-1200-2 & SK-1200-1	Auto Boom Latch for mounting on Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	BC-1200-3 & SK-1200-1	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
	HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnect fittings)	\$76.00
	HC-1200-2	Hydraulic tool power at ground controls with pressure limit (selector valve shipped loose without quick disconnect fittings)	\$295.00
	HC-1200-4	Hydraulic tool power at ground controls with pressure and flow limit (selector valve shipped loose without quick disconnect fittings)	\$361.00
	LB-1270-5	Delete Lower boom insert	(\$2,565.00)
	LE-950	Lift eye on outer boom with 1000 lb. capacity	\$85.00
	OB-1270-4	Delete Electrogard from outer boom	(\$1,194.00)
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	SD-18 x2	Full body harness and lanyard (large) ARC Flash Rated	\$691.00
	SD-19 x2	Full body harness and lanyard (extra-large) ARC Flash Rated	\$691.00
	-	Innerboom serial number tagging (Export only)	\$177.00
	Delete	Delete platform support	(\$25.00)

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special color urethane (specify color code)	\$1,037.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Facoty
		Base coat/clear coat. Metallic.	Not Available

**Mounting Hardware**

0	MH-950	Standard mounting hardware for pedestal with integral outriggers	Standard
0	MH-1270-1	Not Available	\$1,357.00
	MH-1270-2	Not Available	\$2,056.00
	MH-1270-3	Not Available	\$1,045.00
	MH-119	Not Available	\$250.00
	Delete	Delete mounting hardware Standard Pedestal w/integral outriggers	(\$307.00)

**Dielectric Certification**

1	Standard	Category C 46 KV and below	Standard
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**Main Outriggers (Include two control valves)**

1	OR-1400-18	A-Frame Pedestal Mounted 35"-41" Frame Height	\$3,813.00
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**Auxiliary Outriggers (Include two control valves)**

	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$3,842.00
	OR-1400-5	Narrow Independent Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$3,842.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$3,754.00
	OR-1400-24	Independent Modified A-Frame 40-44 Inch Frame Height	\$3,754.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,754.00

Outrigger Valves &amp; Interlock

1	VK-1400-10	12 volt Outrigger/boom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
Extended Warranty			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,318.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-5500/6000-I03</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VST-5500-I Insulated 55 ft. 3 in. telescopic aerial platform lift, including the items listed

VST-6000-I Insulated 60 ft. 1 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 600 lbs.
- 2 Platform mounted full pressure Unicontrol single-stick control including safety trigger, emergency stop, and hydraulic platform rotator with tilt for cleanout or rescue.
- 3 TruGuard dielectric isolating system
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including one pass slip ring for start/stop system.
- 6 7.5 gpm open center hydraulic system with a 2250 psi operating pressure.
- 7 Side mounted telescopic upper boom allows low stowing of platform.
- 8 Fiberglass inner boom and patented ELECTROGARD (on VST-5500 only) provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 9 Chassis insulating system (fiberglass lower boom insert) providing 24 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 10 ELECTROGARD (on VST-5500) and inner boom finished with white urethane paint over a white gel coat.
- 11 Non-lube bearings used throughout.
- 12 One set of hydraulic tool outlets at platform (quick disconnect fittings not included).
- 13 Tubular pedestal including subframe for 108 in CA chassis and A-frame outriggers with pivot feet, two control valves, and a selector valve.

- 14 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 15 Closed heavy duty one step 24 in. X 48 in. X 42 in. fiberglass platform.
- 16 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 17 Upper boom storage cradle with ratchet type tie down strap.
- 18 Tubular rubber platform support.
- 19 Mounting hardware for 102 - 108 inch cab to axles.
- 20 PTO and pump
- 21 Standard white urethane paint.
- 22 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 23 Two operator's manuals and two service manuals (in English).
- 24 ANSI A92.2 data plate.
- 25 Spring loaded bucket rest
- 26 Two Slope Indicators with decals
- 27 Standard installation of aerial and body

Recommended chassis specifications

Cab to rear axle dimensions	102 in
Frame section modulus (per frame rail)	15 in 3
Frame resisting bending moment (per frame rail)	750,000 in-lbs

Axle ratings

GVWR	31,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	19,000 lbs.
Approximate weight for stability	21,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

0	VST-5500-I03	Insulated 55 ft. 3 in. telescopic aerial platform lift, including the items listed	\$70,888.00
1	VST-6000-I03	Insulated 60 ft. 1 in. telescopic aerial platform lift, including the items listed	\$76,873.00

**Upper Control Options**

1	SC-1270-1/2/3/23 24/25/42	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1270-3/4/43	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -
	SC-1270-19/20/ 21/44	4-AXIS Right hand single-stick controls platform support including 180 degree platform rotator	\$747.00

**Platform Support Options**

0	PS-1270-10/11/14	Heavy duty rotator and platform support. Required with platform elevator or aluminum platform. Required with increased capacities (over 500 lbs. with a jib/600 lbs as a manlift).	\$829.00
	BE-1270-5	Platform elevator (reduces platform capacity by 100 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds seven inches of length from the centerline of the platform rotator. Not available with Aluminum platform.	\$2,566.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform (quick disconnect fittings not included) RH/LH	Standard
	HP-952	Pressure limit (with Open Center Sytem only)	\$279.00
	HP-1260-1	Second set of hydraulic tool outlets at platform	\$174.00

**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-944	Standard closed 24x48, 1 step to curb side	Standard
	FB-948	Closed 24x30, 1 step to curb side	-\$318.00
	FB-950	Closed 24x42, 1 step to curb side	-\$148.00
	FB-957	Closed 24 square, 1 step to curb side	-\$473.00
	FB-959	Closed 24x30 toe space, 1 step to curb side	\$295.00
	FB-964	Closed 24x30, 2 steps to curb side	-\$318.00
	FB-850	Closed 24x48x42, 2 steps to curb side	\$103.00
	FB-1510-8	Duckunder 24x42, open to curb side (Requires door)	-\$148.00
	FB-1510-5	Duckunder 24x24x42, open to rear (Requires door)	-\$473.00
	FB-1510-27	Walk-in 24x30x42, with toe space open to curb side (Requires door)	\$295.00
	FB-1510-28	Walk-in 24x30x42, with toe space open to rear (Requires door)	\$295.00
	FB-1500-41	Closed 24x48x42 Toespace, 1 step to curb side	\$2,096.00
	AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door. Not available with platform elevator.	\$5,390.00
	AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door. Not available with platform elevator.	\$5,660.00
	Delete	Standard platform	-\$1,054.00

**Left Hand Single-Stick Platform Options (descriptions in end hung position)**

	FB-943	Closed 24x48, 1step to street side	\$ -
	FB-947	Closed 24x30, 1 step to street side	-\$318.00
	FB-949	Closed 24x42, 1 step to street side	-\$148.00
	FB-961	Closed 24x48, 2 steps to street side	\$103.00
	FB-985	Closed 24x30, 1 step to rear	-\$318.00
	FB-989	Closed 24x30 toe space, 1 step to street side	\$295.00
	FB-998	Closed 24 square, 1 step to street side	-\$473.00
	FB-1510-29	Walk-in 24x30x42, with toe space open to rear (Requires door)	\$295.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	LR-10	Platform liner 24x42x42 in.	\$541.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00
	SA-1530-1	Walk-In door, L/H hinge	\$279.00
	SA-1530-2	Walk-In door, R/H hinge	\$279.00
	SA-1530-3	Duck-Under door, L/H hinge	\$279.00
	SA-1530-4	Duck-Under door, R/H hinge	\$279.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platform 24" X 42"	\$820.00
	-	Fire retardant platform 24" X 48"	\$862.00
	FB-180	Handrail for platform 24" SQ	\$421.00
	FB-182/183	Handrail for platform 24" X 30"	\$51,513.00
	FB-177/178	Handrail for platform 24" X 42"	\$560.00
	FB-184/185	Handrail for platform 24" X 48"	\$657.00

**Platform Capacities**

1	CA-857	Standard manlift platform capacity of 600 lbs.	Standard
	Not Available	Manlift platform capacity of 750 lbs. Requires heavy duty platform rotator.	\$ -
	Not Available	Manlift platform capacity of 650 lbs. Requires heavy duty platform rotator.	\$ -

CA-877	Manlift platform capacity of 550 lbs. Requires heavy duty rotator with elevator or aluminum platform.	\$	-
CA-852	Manlift platform capacity of 500 lbs.	\$	-
Not Available	Platform capacity of 650 lbs. with jib and winch installed 750 lbs. without jib and winch. Requires heavy duty rotator.	\$	-
Not Available	Platform capacity of 550 lbs. with jib and winch installed 650 lbs. without jib and winch. Requires heavy duty rotator.	\$	-
CA-1270-1/-XX	Platform capacity of 500 lbs. with jib and winch installed 600 lbs. without jib and winch. Requires heavy duty rotator with elevator or aluminum platform.	\$	-
CA-1270-2	Platform capacity of 450 lbs. with jib and winch installed 600 lbs. without jib and winch. Requires heavy duty rotator with elevator or aluminum platform.	\$	-
CA-1270-16/-17	Platform capacity of 400 lbs. with jib and winch installed 500 lbs. without jib and winch.	\$	-
CA-1270-18/-19	Platform capacity of 350 lbs. with jib and winch installed 500 lbs. without jib and winch	\$	-

**Material Handling Options**

JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. See specifications for platform variations with jib and winch.	\$3,741.00
JW-1270-2	Hydraulic articulating and extending jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch.	\$6,372.00
JW-1270-7	Hydraulic articulating and extending jib pole and winch package for up to 1000 lbs. capacity. Includes winch load indicator to determine approximate load. See specifications for platform variations with jib and winch	\$7,077.00
JW-1270-15	Hydraulic dual arm articulating jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole that is required for live line lifting.	\$6,988.00
CB-18	Jib socket cover	\$10.00
JW-901	Jib socket tube. Can be welded to body for jib stowage	\$140.00
Special	Jib and winch prep package for manual jib	\$1,432.00
Special	Jib and winch prep package for hydraulic jib	\$1,661.00
Delete	Jib socket	(\$40.00)

**Pedestal Options**

1	P-1270-4	Standard pedestal (51 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	Standard
	P-1270-6	6 Inch shorter pedestal ( 45 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	(\$132.00)
	P-1270-5	6 in. taller pedestal (57-3/16 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	\$132.00
	P-1270-7	12 in. taller pedestal (63-3/16 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	\$193.00

**Rotation Options**

1	RO-1270-1	Standard Continuous rotation with lower controls mounted on turret	Standard
	RO-1270-5	Full hydraulic controls below rotation. Does not include hoses below rotation. Requires 63-3/16 in. pedestal	\$4,955.00

**Mounting Hardware Options**

1	MH-956	Subframe mounting hardware for 102 - 108 inch cab to axles (83 ct). Subframe is welded	Standard
	MH-957	Subframe mounting hardware for 109 - 138 inch cab to axles (112 ct). Subframe is welded	\$699.00

MH-958	Subframe mounting hardware for 139 - 164 inch cab to axles (138 ct). Subframe is welded	\$1,142.00	
MH-1270-1	Subframe mounting hardware for 102 - 108 inch cab to axles. Subframe is UN-welded	\$ -	
MH-1270-2	Subframe mounting hardware for 109 - 138 inch cab to axles. Subframe is UN-welded	\$699.00	
Delete	Delete standard Subframe/mounting hardware	(\$1,300.00)	
MH-119	Delete standard subframe but keep pedestal mountplate and fasteners	(\$795.00)	
<b>Dielectric Certification (Cat. B only Available on VST-6000/increases stowed length by 14 in.)</b>			
1	Standard	Category C 46 KV and below	Standard
	ET-1270-1	VST-6000 Electrical test band on upper boom. Category B 46 KV and below (Not available with Electrogard). Boom retraction is limited to by 14 inches and	\$604.00
	ET-1270-1	VST-6000 Electrical test band on upper boom. Category B 69 KV (Not available with Electrogard). Boom retraction is limited to by 14 inches and	\$604.00
<b>2 Speed Throttle Control Options</b>			
	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
<b>Auto Throttle Control Options</b>			
	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
<b>Control Circuit Options</b>			
	CC-11	Control circuit from platform including air cylinder, air line and pressure switch (requires 1 slip ring)	\$146.00
	EP-950/1270-1/3/5	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0	LT-5/1260-2	Lift throttle (required with two speed throttle control)	\$67.00
1	Standard	Start/stop is standard (requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$116.00)
<b>Collector Ring Options</b>			
0	Extra	Extra Slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
<b>Fiber-Optic and DC drive Options</b>			
	HC-1270-X	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,506.00
	HCT-1270-XX		
<b>Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle</b>			
	RC-1260-11	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,243.00
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00
<b>Misc. Options</b>			
	29055/29056	Extra operator's manual and service manual	\$92.00
	Delete	One Operator and one Service Manual (Export only)	(\$54.00)

BC-1200-2 & SK-1200-1	Auto Boom Latch for mounting on Electrogard (VST-5500 or VST-6000 w/Electrogard option). The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
BC-1200-3 & SK-1200-1	Auto Boom Latch for mounting on outer boom steel (VST-5500 or VST-6000). The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
BC-1200-5 & SK-1200-1	Auto Boom Latch for mounting on VST-6000 inner boom. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnect fittings)	\$76.00
HC-1200-2	Hydraulic tool power at ground controls with pressure limit (selector valve shipped loose without quick disconnect fittings)	\$295.00
HC-1200-4	Hydraulic tool power at ground controls with pressure and flow limit (selector valve shipped loose without quick disconnect fittings)	\$361.00
LB-1270-4	Delete Lower boom insert on VST-6000	(\$2,565.00)
LE-950	Lift eye on outer boom with 1000 lb. capacity	\$85.00
Not Avail	Delete Electrogard on VST-5500	(\$1,194.00)
OB-1270-1	Add Electrogard to VST-6000 outer boom (Not available with Test bands/Category B) Provides insulation gap of 80 inches fully retracted and 214 inches fully extended.	\$2,904.00
SD-18	Full body harness and lanyard, large ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard, extra-large ARC Flash Rated	\$345.00
SD-18 x2	Two Full body harness and lanyards (Large) ARC Flash Rated	\$691.00
SD-19 x2	Two Full body harness and lanyards (Extra large) ARC Flash Rated	\$691.00
IB-1270-XX	Innerboom serial number tagging	\$177.00
Delete	Delete platform support	(\$25.00)
See EO price list for EO options and requirements		

#### Paint Options

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special color urethane (specify color code)	\$1,037.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Facotry
		Base coat/clear coat. Metallic.	Not Available

#### Main Outriggers (Include two control valves)

1	OR-1400-19	Main outriggers for subframe mounting 35-41 in frame height. Outriggers provides 147 in. of spread and full extension.	\$4,963.00
	OR-1400-20	Main outriggers for subframe mounting 42-48 in. frame height. Outriggers provides 147 in. of spread and full extension.	\$4,963.00
	OR-1400-59	Main outriggers for subframe mounting 42-48 in. frame height. Outriggers provides 157 in. of spread and full extension.	\$6,245.00
	OR-1400-41	Knock down main outriggers, 2 leg assemblies in lieu of standard set	\$4,789.00

#### Auxiliary Outriggers (Include two control valves)

	OR-1400-4	Independent Modified A-Frame 36-40 in. Frame Height	\$3,822.00
	OR-1400-5	Independent Modified A-Frame Narrow 10 Degree 36-40 in. Frame Height	\$3,822.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 in. Frame Height	\$3,822.00
	OR-1400-24	Independent Modified A-Frame 40-44 in. Frame Height	\$3,822.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,822.00

#### Outrigger Control Valves & Interlock Options

1	VK-1400-10	12 volt Outrigger/boom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00

VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**Extended Warranty**

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,369.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,223.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VST-5500/6000-SI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

VST-5500-SI Insulated 55 ft. 3 in. telescopic aerial platform lift, including the items listed

VST-6000-SI Insulated 60 ft. 1 in. telescopic aerial platform lift, including the items listed

- 1 Maximum platform capacity of 500 lbs. for VST-5500 and 450 lbs. for VST-6000.
- 2 Full pressure Unitrol single-stick control including safety trigger, emergency stop, and 100 degree hydraulic platform rotator with tilt for cleanout or rescue. Control panel is mounted between boom and platform.
- 3 TruGuard dielectric isolating system
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including one pass slip ring for start/stop system.
- 6 7.5 gpm open center hydraulic system with a 2250 psi operating pressure.
- 7 Side mounted telescopic upper boom allows low stowing of platform.
- 8 Fiberglass inner boom and patented ELECTROGARD (on VST-5500 only) provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 9 Chassis insulating system (fiberglass lower boom insert) providing 24 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 10 ELECTROGARD (on VST-5500) and inner boom finished with white urethane paint over a white gel coat.
- 11 Non-lube bearings used throughout.
- 12 One set of hydraulic tool outlets at platform (quick disconnect fittings not included).
- 13 Tubular pedestal including subframe for 108 in CA chassis and A-frame outriggers with pivot feet, two control valves, and a selector valve.

- 14 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 15 Closed heavy duty one step 24 in. X 24 in. X 42 in. fiberglass platform.
- 16 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 17 Upper boom storage cradle with ratchet type tie down strap.
- 18 Side mounted hydraulic articulating and hydraulic extending jib. Includes 70 ft. of 3/8 in. rope.
- 19 Tubular rubber platform support.
- 20 Mounting hardware for 102 - 108 inch cab to axles.
- 21 PTO and pump
- 22 Standard white urethane paint.
- 23 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 24 Two operator's manuals and two service manuals (in English).
- 25 ANSI A92.2 data plate.
- 26 Spring loaded bucket rest
- 27 Two Slope Indicators with decals
- 28 Standard installation of aerial and body

Recommended chassis specifications

Cab to rear axle dimensions	102 in
Frame section modulus (per frame rail)	15 in 3
Frame resisting bending moment (per frame rail)	750,000 in-lbs

Axle ratings

GVWR	31,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	19,000 lbs.
Approximate weight for stability	21,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VST-5500-SI	Insulated 55 ft. 3 in. telescopic aerial platform lift, with Side Mount platform and winch including the items listed	\$77,588.00
	VST-6000-SI	Insulated 60 ft. 1 in. telescopic aerial platform lift, with Side Mount platform and winch including the items listed	\$82,892.00

**Upper Control Options**

1	PS-1270-5	Right hand single-stick controls platform support including 100 degree platform rotator	Standard
	PS-1270-New	4-AXIS Right hand single-stick controls platform support including 100 degree platform rotator	\$747.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform (quick disconnect fittings not included) RH/LH	Standard
	HP-952	Pressure limit (with Open Center Sytem only)	\$279.00
	HP-1260-1/3/4	Second set of hydraulic tool outlets at platform	\$174.00

**Primary Single-Stick Platform Options**

1	FB-124	Closed 24x24x42, 1 step to Pedestal	Standard
	FB-127	Closed 24x24x42, 1 step to Rear	\$52.00
	FB-212	Closed 24x24x42, 1 step to Curb side	\$52.00
	FB-128	Closed 24x24x39, 1 step to Rear	\$52.00
	FB-134	Closed 24x24x39, 1 step to Pedestal	\$52.00
	FB-215	Closed 24x30x39, 1 step to Rear	\$205.00
	FB-211	Closed 24x30x42, 1 step to Curb Side	\$205.00
	FB-136	Closed 24x30x42, 1 step to Pedestal	\$205.00
	FB-129	Closed 24x30x42, 1 step to Rear	\$205.00

FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00
FB-138	Closed 24x24x42, 2 steps to Rear	\$156.00
FB-162	Closed 24x24x42, 2 steps to Pedestal	\$156.00
FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
FB-150	Closed 24x30x42, 2 steps to Rear	\$308.00
FB-159	Closed 24x24x42, Toespace 1 step to Pedestal	\$663.00
FB-166	Closed 24x24x42 Toespace, 1 step to Rear	\$663.00
Delete	Delete Standard Platform	-\$811.00

\$ -

**Secondary Platform Options (Requires Dual platform support option)**

\$ -

FB-127	Closed 24x24x42, 1 step to Pedestal	\$ -
FB-124	Closed 24x24x42, 1 step to Rear	\$52.00
FB-212	Closed 24x24x42, 1 step to Street side	\$52.00
FB-128	Closed 24x24x39, 1 step to Pedestal	\$52.00
FB-134	Closed 24x24x39, 1 step to Rear	\$52.00
FB-215	Closed 24x30x39, 1 step to Pedestal	\$205.00
FB-211	Closed 24x30x42, 1 step to Street Side	\$205.00
FB-136	Closed 24x30x42, 1 step to Rear	\$205.00
FB-129	Closed 24x30x42, 1 step to Pedestal	\$205.00
FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00
FB-138	Closed 24x24x42, 2 steps to Pedestal	\$156.00
FB-162	Closed 24x24x42, 2 steps to Rear	\$156.00
FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
FB-150	Closed 24x30x42, 2 steps to Pedestal	\$308.00
FB-159	Closed 24x24x42, Toespace 1 step to Rear	\$663.00
FB-166	Closed 24x24x42 Toespace, 1 step to Pedestal	\$663.00
Delete	Delete Secondary Platform	(\$811.00)

**Platform Accessories**

\$ -

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-2 x2	Two Platform covers, nylon/vinyl, 24x24 in.	\$177.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-7 x2	Two Platform covers, nylon/vinyl, 24x30 in.	\$295.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-3 x2	Two Platform liners 24x24x42 in.	\$785.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-5 x2	Two Platform liners 24x30x42 in.	\$1,011.00
LR-8	Platform liner 24x24x39 in.	\$392.00
LR-8 x2	Two Platform liners 24x24x39 in.	\$785.00
SA-17	Work tray w/ mounting	\$122.00
SA-17 x2	Two Work trays w/ mounting	\$243.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-2 x2	Two Polyethylene tool trays 8x19x 8 in.	\$374.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
TO-3 x2	Two Polyethylene tool trays 7x15x17 in.	\$441.00
-	Fire retardant platform 24" SQ	\$719.00
x2	Dual Fire retardant platform 24" SQ	\$1,439.00
-	Fire retardant platform 24" X 30"	\$762.00
x2	Dual Fire retardant platform 24" X 30"	\$1,523.00
FB-181	Handrail for platform 24" SQ	\$604.00
FB-181 x2	Two Handrails for platform 24" SQ	\$1,206.00
FB-NEW	Handrail for platform 24" X 30"	Consult Factory
FB-NEW x2	Two Handrails for platform 24" X 30"	Consult Factory

**Platform Capacities**

1	CA-1270-7/9	Platform capacity of 500 lbs. with jib and winch.	\$ -
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0	CA-1270-8/10	Platform capacity of 450 lbs. with jib and winch.	\$	-
0	CA-1270-11/13	Platform capacity of 250 lbs. for dual platforms with jib and winch.	\$	-
0	CA-1270-12/14	Platform capacity of 220 lbs. for dual platforms with jib and winch.	\$	-

#### Material Handling Options

1	JW-1270-11/12	Side mounted, hydraulic articulating and hydraulic extending jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch. Includes 70 ft. of 3/8 in. rope.	\$	-
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#### Pedestal Options

1	P-1270-4	Standard pedestal (51 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	Standard	
	P-1270-6	6 Inch shorter pedestal ( 45 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	(\$132.00)	
	P-1270-5	6 in. taller pedestal (57-3/16 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	\$132.00	
	P-1270-7	12 in. taller pedestal (63-3/16 in.) sits on 6 in. subframe. For use with subframe and independent outriggers.	\$193.00	

#### Rotation Options

1	RO-1270-1	Standard Continuous rotation with lower controls mounted on turret	Standard	
	RO-1270-5	Full hydraulic controls below rotation. Does not include hoses below rotation. Requires 63-3/16 in. pedestal	\$4,955.00	

#### Mounting Hardware Options

1	MH-956	Subframe mounting hardware for 102 - 108 inch cab to axles. Subframe is welded	Standard	
	MH-957	Subframe mounting hardware for 109 - 138 inch cab to axles. Subframe is welded	\$699.00	
	MH-1270-1	Subframe mounting hardware for 102 - 108 inch cab to axles. Subframe is UN-welded	\$	-
	MH-1270-2	Subframe mounting hardware for 109 - 138 inch cab to axles. Subframe is UN-welded	\$699.00	
	Delete	Delete standard Subframe/mounting hardware	(\$1,300.00)	
	MH-119	Delete standard subframe but keep pedestal mountplate and fasteners	(\$795.00)	

#### Dielectric Certification (Cat. B only Available DOMESTICALLY on VST-6000/increases stowed length by 14 in.)

EXPORT only on VST-5500/increases stowed length by 45 in. Not available with electrogard.

1	Standard	Category C 46 KV and below	Standard	
	ET-1270-1	VST-6000 Electrical test band on upper boom. Category B 46 KV and below (Not available with Electrogard). Boom retraction is limited to by 14 inches and overall length is therefore 14 inches longer.	\$604.00	
	ET-1270-1	VST-6000 Electrical test band on upper boom. Category B 69 KV (Not available with Electrogard). Boom retraction is limited to by 14 inches and overall length is therefore 14 inches longer.	\$604.00	
	ET-1270-1	VST-5500 with Electrical test band on upper boom (inner/outer boom set from VST-6000). Category B 69 KV (Not available with Electrogard) Export Only. Increases stowed length	\$920.00	

#### 2 Speed Throttle Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00	
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00	
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00	
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00	

**Auto Throttle Control Options**

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
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**Control Circuit Options**

CC-11	Control circuit from platform including air cylinder, air line and pressure switch (requires 1 slip ring)	\$146.00
EP-950/1270-1/3/5	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
0 LT-5	Lift throttle (required with two speed throttle control)	\$67.00
1 Standard	Start/stop is standard (requires 1 slip ring)	Standard
Delete	Delete engine start/stop	(\$116.00)

**Collector Ring Options**

0 Extra	Extra Slip Rings required	\$ -
1 28457-1	Collector ring, 1-pass	\$168.00
0 28457-2	Collector ring, 3-pass	\$237.00
0 28457-3	Collector ring, 5-pass	\$280.00
0 28457-4	Collector ring, 7-pass	\$332.00
0 4382-5	Collector ring, 10-pass	\$408.00
0 4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

HC-1270-X	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,506.00
HCT-1270-XX		

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

RC-1260-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,243.00
0 RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Misc. Options**

29055/29056	Extra operator's manual and service manual	\$92.00
BC-1200-2 & SK-1200-1	Auto Boom Latch for mounting on Electrogard (VST-5500). The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
BC-1200-3 & SK-1200-1	Auto Boom Latch for mounting on outer boom steel (VST-5500 or VST-6000). The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
BC-1200-5 & SK-1200-1	Auto Boom Latch for mounting on VST-6000 inner boom. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,034.00
HC-1200-1	Hydraulic tool power at ground controls (selector valve shipped loose without quick disconnect fittings)	\$76.00
HC-1200-2	Hydraulic tool power at ground controls with pressure limit (selector valve shipped loose without quick disconnect fittings)	\$295.00
HC-1200-4	Hydraulic tool power at ground controls with pressure and flow limit (selector valve shipped loose without quick disconnect fittings)	\$361.00
Not Avail	Delete Lower boom insert on VST-6000	(\$2,565.00)
LE-950	Lift eye on outer boom with 1000 lb. capacity	\$85.00
OB-1270-4	Delete Electrogard on VST-5500	(\$1,194.00)
Not Avail	Add Electrogard to VST-6000 outer boom (Not available with Test bands/Category B) Provides insulation gap of 80 inches fully retracted and 214 inches fully extended.	\$2,904.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
IB-1270-XX	Innerboom serial number tagging	\$177.00
Delete	Delete platform support	(\$25.00)

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special color urethane (specify color code)	\$1,037.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Main Outriggers (Include two control valves)**

1	OR-1400-19	Main outriggers for subframe mounting 35-41 in frame height. Outriggers provides 147 in. of spread and full extension.	\$4,963.00
	OR-1400-20	Main outriggers for subframe mounting 42-48 in. frame height. Outriggers provides 147 in. of spread and full extension.	\$4,963.00
	OR-1400-59	Main outriggers for subframe mounting 42-48 in. frame height. Outriggers provides 157 in. of spread and full extension.	\$6,245.00
	OR-1400-41	Knock down main outriggers, 2 leg assemblies in lieu of standard set	\$4,789.00

**Auxiliary Outriggers (Include two control valves)**

	OR-1400-4	Independent Modified A-Frame 36-40 in. Frame Height	\$3,822.00
	OR-1400-5	Independent Modified A-Frame Narrow 10 Degree 36-40 in. Frame Height	\$3,822.00
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 in. Frame Height	\$3,822.00
	OR-1400-24	Independent Modified A-Frame 40-44 in. Frame Height	\$3,822.00
	OR-1400-36	Narrow 10 Degree Knock Down	\$3,822.00

**Outrigger Control Valves & Interlock Options**

1	VK-1400-10	12 volt Outrigger/boom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-3	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00
	VK-1400-4	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**Extended Warranty**

	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,369.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,223.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-255/260 Reverse Mount</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Reverse mount, Insulated 55 ft. 10 in. overcenter, articulated aerial platform lift, including the items listed  
or

Reverse mount, Insulated 60 ft. 4 in. overcenter, articulated aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted full pressure individual controls (away from pedestal), including emergency stop and tool selector valve.
- 3 Full pressure turret mounted controls with override.
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including 1 slip ring for start/stop.
- 6 Seven gpm open center hydraulic system with a 2900 psi operating pressure.
- 7 Fiberglass upper boom tested per ANSI A92.2 for Category C, 46 KV and below, including vacuum flashover protection system.
- 8 Chassis insulating system (lower boom insert) providing 24 in. insulation gap including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 9 White urethane paint over a white gel coat on fiberglass upper boom and lower boom insert.
- 10 Two sets of hydraulic tool outlets at platform, including pressure limit. Quick disconnect fittings are not included.
- 11 Two 1/2 in. diameter return lines.
- 12 Round pedestal with integral A-frame outriggers with pivot feet, two control valves, and a selector valve. Includes control for dump body.

- 13 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 14 Closed 24 in. X 24 in. X 42 in. platform with one inside/outside step. Consult
- 15 Non-lube bearings used at all pivot points.
- 16 Mounting hardware, boom stow cradle and ratchet type tie down strap.
- 17 PTO and pump
- 18 Standard white urethane paint.
- 19 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 certification and data plate.
- 22 Non-returnable skid for flatbed shipment.
- 23 Two Slope Indicators with decals.
- 24 Spring loaded bucket rest
- 25 Standard installation of aerial and body

VO-255-260 Reverse mount minimum chassis specifications

Frame section modulus	18 in.3
Frame resisting bending moment	900,000 in.-lbs.
Cab to rear axle dimensions	120 in.

With Outriggers: Axle Ratings

GVWR	28,000 lbs.
GAWR (Front)	10,000 lbs.
GAWR (Rear)	19,000 lbs.
Approximate curb weight for stability	17,500 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-255-Rev	Standard VO-255-Rev overcenter articulating aerial device	\$49,334.00
	VO-260-Rev	Standard VO-260-Rev overcenter articulating aerial device	\$50,373.00

**Individual Control panel mounted on Platform Away from Pedestal (open center)**

1	C-1330-1	Multilever Controls away from pedestal, With Pressure Limit Dual Tools	Standard
	C-1330-5	Multilever Controls away from pedestal, With Pressure Limit Single Tool	\$78.00
	C-1330-7	Multilever Controls away from pedestal, With Pressure & Flow Limit Single Tool	\$78.00
	C-1330-3	Multilever Controls away from pedestal, With Pressure & Flow Limit Dual Tools	\$78.00

**Individual Control panel mounted on Platform Towards Pedestal (open center)**

	C-1330-2	Multilever Controls towards pedestal, With Pressure Limit Dual Tools	\$ -
	C-1330-6	Multilever Controls towards pedestal, With Pressure Limit Single Tool	\$ -
	C-1330-8	Multilever Controls towards pedestal, With Pressure & Flow Limit Single Tool	\$78.00
	C-1330-4	Multilever Controls towards pedestal, With Pressure & Flow Limit Dual Tools	\$78.00

**Single Stick Control panel mounted on Platform Away from Pedestal (open center)**

	SC-1330-2	Single Stick Controls away from pedestal, With Pressure Limit Dual Tools	\$540.00
	SC-1330-9	Single Stick Controls away from pedestal, With Pressure & Flow Limit Dual Tools	\$618.00

SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side away from the pedestal and includes dual tools with Pressure limit.	\$1,557.00
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SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side away from the pedestal and includes dual tools with Pressure and flow limit.	\$1,636.00
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**Single Stick Control panel mounted on Platform Towards Pedestal (open center)**

SC-1330-3	Single Stick Controls towards pedestal, With Pressure Limit Dual Tools	\$540.00
SC-1330-10	Single Stick Controls towards pedestal, With Pressure & Flow Limit Dual Tools	\$618.00

SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side towards the pedestal and includes dual tools with Pressure limit.	\$1,557.00
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SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side towards the pedestal and includes dual tools with Pressure and flow limit.	\$1,636.00
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**Single Stick Controls between boom and platform (open center) Handle faces away from pedestal**

SC-1330-13	Single Stick Controls, Between Boom & Bucket With Pressure Limit	\$540.00
SC-1330-14/15	Single Stick Controls, Between Boom & Bucket With Pressure & Flow Limit	\$618.00

SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces away from pedestal and includes dual tools with Pressure limit.	\$1,735.00
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SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces away from pedestal and includes dual tools with Pressure and Flow limit.	\$1,813.00
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**Single Stick Controls between boom and platform (open center) Handle and tool circuit face towards the pedestal**

SC-1330-16	Single Stick Controls, Between Boom & Bucket With Pressure Limit	\$540.00
SC-1330-17/18	Single Stick Controls, Between Boom & Bucket With Pressure & Flow Limit	\$618.00

SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces towards the pedestal and includes dual tools with Pressure limit.	\$1,735.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces towards the pedestal and includes dual tools with Pressure and Flow limit.	\$1,813.00

**Platform Support**

1	PS-1330-2/9	Platform Support, Fixed	Standard
	PS-1330-3/7	Platform Support, with mechanical platform tilt	\$424.00

**Individual Control Platform Options (control panel away from pedestal)**

1	FB-163	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	Standard
	FB-49	Closed 24x24x39 Inch Tall, 1 Step To Pedestal	\$52.00
	FB-818	Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-819	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-820	Closed 24x24x39 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-821	Closed 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-827	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00

**Individual Control Platform Options (control panel towards pedestal)**

FB-824	Closed 24x24x42 Inch Tall, 1 Step away from Pedestal	\$ -
FB-164	Closed 24x30x42 Inch Tall, 1 Step away from Pedestal	\$205.00
FB-814	Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
FB-815	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
FB-816	Closed 24x24x39 Inch Tall, 2 Steps To Curb Side	\$156.00
FB-817	Closed 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00

**Single-stick Platform Options (control panel away from pedestal)**

FB-924	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	\$ -
FB-825	Closed 24x24x39 Inch Tall, 1 Step To Pedestal	\$52.00
FB-826	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
FB-937	Closed 24x30x42 Inch Tall, 2 Steps To Pedestal	\$308.00
FB-970	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
FB-1500-12	Closed 24x24x39 Inch Tall, 2 Steps 1 To Curb Side & 1 To Front	\$156.00

**Single-stick Platform Options (control panel towards pedestal)**

FB-921	Closed 24x24x42 Inch Tall, 1 Step away from Pedestal	\$ -
FB-169	Closed 24x24x42 Inch Tall, 2 Steps away from Pedestal	\$156.00
FB-973	Closed 24x24x39 Inch Tall, 1 Step away from Pedestal	\$52.00
FB-922	Closed 24x30x42 Inch Tall, 1 Step away from Pedestal	\$205.00
FB-938	Closed 24x30x42 Inch Tall, 2 Steps away from Pedestal	\$308.00
FB-987	Closed 24x30x42 Inch Tall Toespace, 1 Step To Curb Side	\$819.00
FB-1500-5	Closed 24x24x42 Inch Tall Toespace, 1 Step To Pedestal	\$663.00

**Single-stick Platform Options (controls between boom and platform)**

FB-908	Closed 24x24x42 Inch Tall, 1 Step To Front	\$ -
FB-60	Closed 24x24x39 Inch Tall, 1 Step To Pedestal	\$52.00
FB-909	Closed 24x24x42 Inch Tall, 1 (21 in. high) Step To Front	\$52.00
FB-910	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
FB-911	Closed 24x30x42 Inch Tall, 1 Step To Front	\$205.00

FB-912	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
FB-913	Closed 24x30x42 Inch Tall, 1 Step To Front & 1 To Pedestal	\$310.00
FB-917	Closed 24x24x42 Inch Tall, Toespace, 1 Step To Front	\$663.00
FB-925	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	\$52.00
FB-1500-2	Closed 24x30x39 Inch Tall, 1 Step To Pedestal	\$205.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Platform Capacities

1	CA-853	Standard platform capacity of 350 lbs.	Standard
	CA-901	Platform capacity of 400 lbs. Not available with 24 x 30 in. platform	-

#### Pedestal Options (behind cab)

	P-1330-6	Round pedestal with integral A-frame outriggers with pivot feet, two control valves, and a selector valve. Includes control for dump body (63-3/16 in.)	Standard
1	P-1330-7	Taller round pedestal for 6 in. more clearance. Includes control for dump body and pedestal mounted A-frame outriggers with pivot feet, two control valves, and a selector valve (69-3/16)	\$132.00
	P-1330-5	Shorter round pedestal for 6 in. less clearance. Includes control for dump body and pedestal mounted A-frame outriggers with pivot feet, two control valves, and a selector valve (57-3/16 in)	(\$132.00)

#### Requirements for Category B, 46 KV and below Certification:

1	Standard	Category C 46 KV and below	Standard
	ET-1330-1	Electrical test band on upper boom. Category B 46 KV and below	\$828.00
	ET-1330-1	Electrical test band on upper boom. Category B 69 KV	\$828.00

#### 2 Speed Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-1400-5	Chassis Throttle Control Sol 24V DC 2 Speed	\$854.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
	CT-1400-7/24/ 25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00

#### Auto Throttle Control Options

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
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#### Control options (Maximum of three circuits can be provided):

	CC-900/1260-1	Additional Control Circuit	\$146.00
0	EP-1340-1/1130-1	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
	EP-1340-2	Emergency 24V DC hydraulic system (requires 1 slip ring)	\$619.00
0	LT-1260-2/4	Lift throttle (required with 2 speed throttle control option)	\$67.00
1	SS-1260-5/XX	Standard 12V start/stop (requires 1 slip ring)	Standard
	SS-1260-6	24V start/stop (requires 1 slip ring)	\$75.00
	Delete	Delete engine start/stop (requires one less slip ring)	(\$117.00)

**Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)**

0	Extra	Extra Slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

HC-1330-XX	Fiber optic system for actuating DC drive units. Provides fiber optic lines	\$2,047.00
HCT-1330-XX	through boom including actuators and transceivers. Requires 3 slip rings	

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

RC-1260/1330-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,243.00	
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Misc. Options**

39022/39023	Extra operator's manual and service manual (in English)	\$92.00
BC-1330-1	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with horizontal stowed units	\$1,180.00
DK-810	Deck for reverse mount pedestal. 43 in. x 92 in. wide including outrigger valve panels	\$846.00
HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (w/o quick disconnects)	\$295.00
HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
LE-801	Lift eye on lower boom with 1500 lb. (680 kg) capacity	\$85.00
PC-800	Upper Boom Protective Cover - Platform End. Reduces VO-260 platform capacity by 50 lbs.	\$629.00
PC-801	Upper Boom Protective Cover - Knuckle End. Reduces VO-260 platform capacity by 50 lbs.	\$629.00
SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$1,037.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Main Outrigger Options**

1	OR-1400-18	A-Frame Pedestal Mounted 35-41 Inch Frame Height	\$ -
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**Outrigger Valves & Interlock**

1	VK-1400-28/29	12/24 volt Outrigger/Bboom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
	VK-1400-14/15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**Extended Warranty**

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,318.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,635.00

E-1330-2	Longitudinal Elevator providing 10 ft. vertical travel including A-frame outriggers with pivot feet, two control valves, and a selector valve. Outriggers provide 155 in. spread at 7 in. penetration (based on 39 in. frame). Elevator is positioned front to back. Outrigger and subframe are shipped loose.	\$22,918.00
E-1330-4	Longitudinal Elevator providing 10 ft. vertical travel including integral A-frame outriggers with pivot feet, two control valves, and a selector valve. Outriggers provide 155 in. spread at 7 in. penetration (based on 39 in. frame). Elevator is positioned front to back. Outrigger and subframe are welded to elevator. Shear plates are shipped loose.	\$22,918.00

**OPTIONS LISTED BELOW ARE FOR "E" ELEVATOR MODELS ONLY**

**Reservoir Options**

RE-1200-1	External hydraulic bulkhead reservoir with a 30 gallon capacity and fluid level gauges. Approximately 26 in.tall x 36 in. wide x 9 in. deep.	-
RE-1330-1	External hydraulic frame rail mount reservoir with a 30 gallon capacity and fluid level gauges. Approximately 22 in.tall x 29 in. wide x 17 in. deep.	-
RE-1330-2	External hydraulic frame with a 30 gallon capacity and fluid level gauges. Approximately 22 in.tall x 29 in. wide x 17 in. deep. Includes lower control panel and mounting bracket for panel.	\$180.00
Delete	Delete Standard Hydraulic Reservoir	(\$272.00)
EMEG	Expanded metal elevator guard	\$979.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip:	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-255/260-REAR</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Rear mount, Insulated 54 ft. 10 in. overcenter, articulated aerial platform lift, including the items listed

or

Rear mount, Insulated 59 ft. 4 in. overcenter, articulated aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted full pressure individual controls (away from pedestal), including emergency stop and tool selector valve.
- 3 Full pressure turret mounted controls with override.
- 4 Engine start/stop from platform and lower controls.
- 5 Continuous rotation including 1 slip ring for start/stop.
- 6 Seven gpm open center hydraulic system with a 2900 psi operating pressure.
- 7 Fiberglass upper boom tested per ANSI A92.2 for Category C, 46 KV and below, including vacuum flashover protection system.
- 8 Chassis insulating system (lower boom insert) providing 24 in. insulation gap including accommodations to bridge insulation gap for testing per ANSI A92.2.
- 9 White urethane paint over a white gel coat on fiberglass upper boom and lower boom insert.
- 10 Two sets of hydraulic tool outlets at platform, including pressure limit. Quick disconnect fittings are not included.
- 11 Two 1/2 in. diameter return lines.

- 12 Rectangular pedestal with short subframe and A-frame outriggers with pivot feet, two control valves, and a selector valve. Includes control for dump body.
- 13 Integral reservoir with a 25 gallon capacity and dual sight gauges.
- 14 Closed 24 in. X 24 in. X 42 in. platform with one inside/outside step.
- 15 Non-lube bearings used at all pivot points.
- 16 Mounting hardware.
- 17 PTO and pump
- 18 Standard white urethane paint.
- 19 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 20 Two operator's manuals and two service manuals (in English).
- 21 ANSI A92.2 certification and data plate.
- 22 Spring loaded bucket rest
- 23 Two Slope Indicators with decals.
- 24 Standard installation of aerial and body

VO-255-260 Rear mount minimum chassis specifications

Frame section modulus:

Rear mount w/long subframe	10 in. 3
Rear mount w/short subframe	18 in.3

Must have full length re-enforcement to the end of the frame

Frame resisting bending moment:

Rear mount w/long subframe	500,000 in.-lbs.
Rear mount w/short subframe	900,000 lbs.
Cab to rear axle dimension	102 in.

With Outriggers: Axle Ratings

GVWR	28,000 lbs.
GAWR (Front)	10,000 lbs.
GAWR (Rear)	19,000 lbs.
Approximate curb weight for stability	18,500 lbs.

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO-255-Rear	Standard VO-255-Rear mount overcenter articulating aerial device	\$49,334.00
	VO-260-Rear	Standard VO-260-Rear mount overcenter articulating aerial device	\$50,373.00

**Individual Control panel mounted on Platform Away from Pedestal (open center)**

1	C-1330-2	Multilever Controls away from pedestal, With Pressure Limit Dual Tools	Standard
	C-1330-6	Multilever Controls away from pedestal, With Pressure Limit Single Tool	\$ -
	C-1330-4	Multilever Controls away from pedestal, With Pressure & Flow Limit Dual Tools	\$78.00
	C-1330-8	Multilever Controls away from pedestal, With Pressure & Flow Limit Single Tool	\$78.00

**Individual Control panel mounted on Platform Towards Pedestal (open center)**

	C-1330-1	Multilever Controls towards pedestal, With Pressure Limit Dual Tools	\$ -
	C-1330-5	Multilever Controls towards pedestal, With Pressure Limit Single Tool	\$ -
	C-1330-3	Multilever Controls towards pedestal, With Pressure & Flow Limit Dual Tools	\$78.00
	C-1330-7	Multilever Controls towards pedestal, With Pressure & Flow Limit Single Tool	\$78.00

**Single Stick Control panel mounted on Platform Away from Pedestal (open center)**

SC-1330-3	Single Stick Controls away from pedestal, With Pressure Limit Dual Tools	\$540.00
SC-1330-10	Single Stick Controls away from pedestal, With Pressure & Flow Limit Dual Tools	\$618.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side away from the pedestal and includes dual tools with Pressure limit.	\$1,557.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side away from the pedestal and includes dual tools with Pressure and flow limit.	\$1,636.00

**Single Stick Control panel mounted on Platform Towards Pedestal (open center)**

SC-1330-2	Single Stick Controls away from pedestal, With Pressure Limit Dual Tools	\$540.00
SC-1330-9	Single Stick Controls away from pedestal, With Pressure & Flow Limit Dual Tools	\$618.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side towards the pedestal and includes dual tools with Pressure limit.	\$1,557.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick mounted on the platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Panel is mounted on the side towards the pedestal and includes dual tools with Pressure and flow limit.	\$1,636.00

**Single Stick Controls between boom and platform (open center) Handle faces away from pedestal**

SC-1330-16	Single Stick Controls, Between Boom & Bucket With Pressure Limit	\$540.00
SC-1330-17/18	Single Stick Controls, Between Boom & Bucket With Pressure & Flow Limit	\$618.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces away from pedestal and includes dual tools with Pressure limit.	\$1,735.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces away from pedestal and includes dual tools with Pressure and Flow limit.	\$1,813.00

**Single Stick Controls between boom and platform (open center) Handle and tool circuit face towards the pedestal**

SC-1330-13	Single Stick Controls, Between Boom & Bucket With Pressure Limit	\$540.00
SC-1330-14/15	Single Stick Controls, Between Boom & Bucket With Pressure & Flow Limit	\$618.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces towards the pedestal and includes dual tools with Pressure limit.	\$1,735.00
SC-1330-XX	TruGuard™ dielectric isolating system single stick control between boom and platform. All control handles are isolated and Tested per ANSI 92.2 2009. The high resistive dielectric system is protected from direct environmental and job related contamination. TruGuard™ technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Handle faces towards the pedestal and includes dual tools with Pressure and Flow limit.	\$1,813.00

**Platform Support**

1	PS-1330-2/10	Platform Support, Fixed	Standard
	PS-1330-3/8	Platform Support, with mechanical platform tilt	\$424.00

**Individual Control Platform Options (control panel away from pedestal)**

1	FB-824	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	Standard
	FB-164	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
	FB-814	Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-815	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-816	Closed 24x24x39 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-817	Closed 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00

**Individual Control Platform Options (control panel towards pedestal)**

0	FB-163	Closed 24x24x42 Inch Tall, 1 Step To Rear	\$ -
	FB-49	Closed 24x24x39 Inch Tall, 1 Step To Rear	\$52.00
	FB-818	Closed 24x24x42 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-819	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-820	Closed 24x24x39 Inch Tall, 2 Steps To Curb Side	\$156.00
	FB-821	Closed 24x24x39 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-827	Closed 24x30x42 Inch Tall, 1 Step To Rear	\$205.00

**Single-stick Platform Options (control panel away from pedestal)**

	FB-921	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	\$ -
	FB-169	Closed 24x24x42 Inch Tall, 2 Steps To Pedestal	\$156.00
	FB-973	Closed 24x24x39 Inch Tall, 1 Step To Pedestal	\$52.00
	FB-922	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
	FB-938	Closed 24x30x42 Inch Tall, 2 Steps To Pedestal	\$308.00
	FB-987	Closed 24x30x42 Inch Tall Toespace, 1 Step To Curb Side	\$819.00

**Single-stick Platform Options (control panel towards pedestal)**

	FB-924	Closed 24x24x42 Inch Tall, 1 Step To Rear	\$ -
	FB-825	Closed 24x24x39 Inch Tall, 1 Step To Rear	\$52.00
	FB-826	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
	FB-937	Closed 24x30x42 Inch Tall, 2 Steps To Rear	\$308.00
	FB-970	Closed 24x30x42 Inch Tall, 1 Step To Rear	\$205.00
	FB-1500-12	Closed 24x24x39 Inch Tall, 2 Steps 1 to Curb Side & 1 to Rear	\$156.00

**Single-stick Platform Options (controls between boom and platform)**

	FB-908	Closed 24x24x42 Inch Tall, 1 Step To Pedestal	\$ -
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FB-60	Closed 24x24x39 Inch Tall, 1 Step To Rear	\$52.00
FB-909	Closed 24x24x42 Inch Tall, 1 (21 in. high) Step To Pedestal	\$52.00
FB-910	Closed 24x24x42 Inch Tall, 1 Step To Curb Side	\$52.00
FB-925	Closed 24x24x42 Inch Tall, 1 Step To Rear	\$52.00
FB-911	Closed 24x30x42 Inch Tall, 1 Step To Pedestal	\$205.00
FB-912	Closed 24x30x42 Inch Tall, 1 Step To Rear	\$205.00
FB-913	Closed 24x30x42 Inch Tall, 1 Step To Rear & 1 To Pedestal	\$308.00
FB-917	Closed 24x24x42 Inch Tall Toespace, 1 Step To Pedestal	\$663.00
FB-1500-5	Closed 24x24x42 Inch Tall Toespace, 1 Step To Rear	\$663.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
LR-3	Platform liner 24x24x42 in.	\$392.00
LR-5	Platform liner 24x30x42 in.	\$506.00
LR-8	Platform liner 24x24x39 in.	\$392.00
SA-17	Work tray w/ mounting	\$122.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Platform Capacities

1	CA-853	Standard platform capacity of 350 lbs.	Standard
	CA-901	Platform capacity of 400 lbs. Not available with 24 x 30 in. platform	\$ -

#### Pedestal Options (over axle)

1	P-1330-10	Pedestal Assembly 44-5/8 Inch. Rear Mount.	Standard
	P-1330-9	8 Inch Shorter Pedestal Assembly 36-5/8 Inch. Rear Mount.	\$ -
	P-1330-8	12 Inch Shorter Pedestal Assembly 32-5/8 Inch. Rear Mount.	\$ -

#### Upper Boom & Platform Rest

1	MH-814	Upper Boom Rest Low Stow	Standard
	MH-812	Upper Boom Rest High Stow	\$ -

#### Subframe Options

1	MH-863	Subframe 48 in. subframe for chassis with full length reinforced frame	Standard
	MH-51	Subframe for chassis up to 84 in. CA. 113 in. Subframe tubes shipped loose (not welded)	\$629.00
	MH-52	Subframe for chassis up to 108 in. CA. 137 in. Subframe tubes shipped loose (not welded)	\$884.00
	MH-53	Subframe for chassis up to 138 in. CA. 167 in. Subframe tubes shipped loose (not welded)	\$1,126.00

#### Requirements for Category B, 46 KV and below Certification:

1	Standard	Category C 46 KV and below	Standard
	ET-1330-1	Electrical test band on upper boom. Category B 46 KV and below	\$828.00
	ET-1330-1	Electrical test band on upper boom. Category B 69 KV	\$828.00

#### 2 Speed Control Options

	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$854.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
	CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$439.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$465.00

#### Auto Throttle Control Options

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$694.00
<b>Control options (Maximum of three circuits can be provided):</b>			
	CC-900/1260-1	Additional Control Circuit	\$146.00
	EP-1340-1/1330-1	Emergency 12V DC hydraulic system (requires 1 slip ring)	\$805.00
	EP-1340-2	Emergency 24V DC hydraulic system (requires 1 slip ring)	\$619.00
0	LT-1260-2/4	Lift throttle (required with 2 speed throttle control option)	\$67.00
1	SS-1260-1/5	Standard 12V start/stop (requires 1 slip ring)	Standard
	SS-1260-6	24V start/stop (requires 1 slip ring)	\$75.00
	Delete	Delete engine start/stop (requires one less slip ring)	(\$117.00)
<b>Collector Ring Options, ( Collector ring is only needed in conjunction with continuous rotation)</b>			
		Extra Slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$234.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
<b>Fiber-Optic and DC drive Options</b>			
	HC-1330-XX	Fiber optic system for actuating DC drive units. Provides fiber optic lines	\$2,047.00
	HCT-1330-XX	through boom including actuators and transceivers. Requires 3 slip rings	
<b>Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle</b>			
	RC-1260/1330-1	Radio Control 12V Transmitter and Receiver (4-1 Airline Deleted)	\$1,243.00
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00
<b>Misc. Options</b>			
	39022/39023	Extra operator's manual and service manual (in English)	\$92.00
	BC-1330-1	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with horizontal stowed units.	\$1,180.00
	BC-1330-2	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. For use with low stowed unit.	\$1,180.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-801	Lift eye on lower boom with 1500 lb. capacity	\$85.00
	PC-800	Upper Boom Protective Cover - Platform End. Reduces VO-260 platform capacity by 50 lbs.	\$629.00
	PC-801	Upper Boom Protective Cover - Knuckle End. Reduces VO-260 platform capacity by 50 lbs.	\$629.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane Special	Special Color Urethane (specify color code)	\$1,037.00
	Not Available	Special Color Extreme Climate Urethane (6 mils)	\$2,075.00
		Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Main Outrigger Options</b>			
1	OR-1400-21	A-Frame with 48 Inch Subframe Pivot Foot 35-41 Inch Frame Height	Standard
	OR-1400-22	A-Frame with 48 Inch Subframe Pivot Foot 42-48 Inch Frame Height	\$ -

0	OR-1400-23	A-Frame with 48 Inch Subframe Fixed Foot 35-41 Inch Frame Height	\$	-
	OR-1400-19	Independent A-Frame 35-41 Inch Frame Height (with longer subframe)	\$	-
	OR-1400-20	Deep Penetration A-Frame 42-48 Inch Frame Height (with longer subframe)	\$	-

#### Auxiliary Outrigger Options

	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,028.00
	OR-1400-3	Independent Modified A-Frame knockdown	\$4,028.00

#### Outrigger Valves & Interlock

1	VK-1400-28/29	12/24 volt Outrigger/Bboom switch kit	\$335.00
1	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$337.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-14/15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$310.00

#### Extended Warranty

	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,833.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,635.00

#### Elevator (mounted over rear axle)

1	E-1330-1	Transverse Elevator providing 10 ft. vertical travel including A-frame outriggers with pivot feet, two control valves, and a selector valve. Outriggers provide 155 in. spread at 7 in. penetration (based on 39 in. frame).	\$22,918.00
	E-1330-2	Longitudinal Elevator providing 10 ft. vertical travel including A-frame outriggers with pivot feet, two control valves, and a selector valve. Outriggers provide 155 in. spread at 7 in. penetration (based on 39 in. frame). Outriggers and subframe are shipped loose.	\$22,918.00

OPTIONS LISTED BELOW ARE FOR "E" ELEVATOR MODELS ONLY

#### Reservoir Options

	RE-1200-1	External hydraulic bulkhead reservoir with a 30 gallon capacity and fluid level gauges.	-
	RE-1330-1	External hydraulic frame rail mount reservoir with a 30 gallon capacity and fluid level gauges.	-
	RE-1330-2	External hydraulic frame with a 30 gallon capacity and fluid level gauges. Approximately 22 in.tall x 29 in. wide x 17 in. deep. Includes lower control panel and mounting braket for panel.	\$180.00
	Delete	Delete Standard Hydraulic Reservoir	(\$272.00)
	EMEG	Expanded metal elevator guard	\$979.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-350/355/360-MHI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated side-by-side boom, overcenter, articulated material handling aerial platform lift

- 1 See Options for platform capacities.
- 2 Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop.
- 3 TruGuard dielectric isolating system
- 4 Full pressure turret mounted controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including 3 slip ring for start/stop.
- 7 An ten gpm open center hydraulic system with a 3000 psi system pressure.
- 8 Fiberglass upper boom tested per ANSI A92.2 for Category C, 46 KV and below.
- 9 Chassis insulating system (lower boom insert) including accommodations to bridge insulation gap for testing per ANSI A92.2. Provides 12 in. insulation on VO-350 and 24 in on VO-355 and VO-360.
- 10 Five foot material handling jib and winch with 2000 lbs maximum capacity. Hydraulic jib articulation and manual extension. Includes 75 ft. of 9/16 in. diameter synthetic loadline.
- 11 White urethane paint over a white gel coat on fiberglass upper boom and lower boom insert.
- 12 Two sets of hydraulic tool outlets, with 2,000 PSI pressure limit, at platform. Quick disconnect fittings are not included.
- 13 Two 1/2 in. diameter return lines.
- 14 External bulkhead reservoir with a 30 gallon capacity, external filter, and sight level gauge.
- 15 See Options for platform variations.

- 16 90o platform rotation with hydraulic tilt at upper control for cleanout or rescue.
- 17 Full-length subframe and mounting hardware for 102-120 in. cab to axle chassis (subframe welded).
- 18 Lower Boom articulation is 101 degrees. Upper boom articulation is 210 degrees.
- 19 Requires dual outriggers. Consult price sheet and specifications for requirements and pricing.
- 20 Boom stow cradle and ratchet type tie down strap and tubular platform supports.
- 21 Non-lube bearings.
- 22 PTO and pump
- 23 Standard white urethane paint.
- 24 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 25 Two operator's manuals and two service manuals (in English).
- 26 ANSI A92.2 certification and data plate.
- 27 Two Slope Indicator with decals.  
\* See option for lift eye.
- 28 Spring loaded bucket rest
- 29 Standard installation of aerial and body

VO-350/355/360-MHI Minimum chassis specifications

Frame section modulus	18 in. 3
Frame resisting bending moment	900,000 in.-lbs.
Cab to rear axle dimension	108 in.
Minimum GVWR	33,000 lbs
GAWR (Front)	12,000 lbs
GAWR (Rear)	21,000 lbs
Refer to Specifications for approximate stability curb weight	

VO-350-E75/355-E80/360-E85 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	157 in.
Minimum GVWR	50,000 lbs.
GAWR (Front)	16,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

VO-350-E83/355-E88/360-E93 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	187 in.
Minimum GVWR	52,000 lbs.
GAWR (Front)	18,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO350MHI	Standard VO-350-MHI side-by-side, articulating, material handling aerial device. Provides 50.3 ft. paltform height with standard pedestal.	\$79,225.00
	VO355MHI	Standard VO-355-MHI side-by-side, articulating, material handling aerial device. Provides 55.3 ft. paltform height with standard pedestal.	\$80,534.00

VO360MHI	Standard VO-360-MHI side-by-side, articulating, material handling aerial device (Not available with Dual platforms). Provides 60.3 ft. platform height with standard pedestal.	\$81,894.00
VO350MHI-E75	VO350MHI-E75 side-by-side, articulating, material handling aerial device. Provides 75.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$79,225.00
VO355MHI-E80	VO355MHI-E80 side-by-side, articulating, material handling aerial device. Provides 80.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$80,544.00
VO360MHI-E85	VO360MHI-E88 side-by-side, articulating, material handling aerial device (Not available w/Dual platforms). Provides 85.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$81,894.00
VO350MHI-E83	VO350MHI-E83 side-by-side, articulating, material handling aerial device. Provides 83.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$79,225.00
VO355MHI-E88	VO355MHI-E88 side-by-side, articulating, material handling aerial device. Provides 88.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$80,544.00
VO360MHI-E93	VO360MHI-E93 side-by-side, articulating, material handling aerial device (Not available with Dual platforms). Provides 93.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$81,894.00

**Lower Controls**

1	HYD-1340-5/7/10	Lower control valve is standard (open center)	Standard
	HYD-1340-6/8/11	Lower control valve with hydraulic platform-tilt valve at turret (open center)	\$220.00

**Platform Support**

1	PS-1340-1/5	Platform support providing 90 degree rotation. For use with single 1-man or single	\$ -
0	PS-1340-2 & -3/4	Platform supports providing 90 degree rotation. For use with dual platforms. (Not available with dual platforms)	\$2,541.00

**Upper Controls (open center)**

1	SC-1340-6/7/8/9	Primary Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop. For use with any primary bucket configuration. Handle faces away from elbow.	\$ -
	SC-1340-10	Secondary Unitrol single-stick mounted between boom and secondary platform with integral safety trigger including emergency stop. For use with dual platforms. Handle faces away from elbow.	\$2,168.00

**Platform Elevator for single platform**

	BE-1341-1/2	Platform elevator (reduces platform capacity by 50 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds seven inches of length from the centerline of the platform rotator. Not available with dual platforms. Not Available with Lift elevator. Not available with TruGuard.	\$3,198.00
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**Platform Options (Primary 1-Man Platform) 24 square platform not available due to control panel width**

1	FB-1500-23	Closed 24x30x42, 1 step to pedestal	Standard
	FB-1500-25	Closed 24x30x42, 1 step to rear	\$52.00

FB-1500-36	Closed 24x30x 39, 1 step to pedestal	\$52.00
FB-1500-27	Closed 24x30x 42, 1 step to curb side	\$52.00
FB-1500-23	Closed 24x30x42, 2 steps to pedestal	\$156.00
FB-1500-26	Closed 24x30x42, 2 steps to rear	\$156.00
FB-1500-28	Closed 24x30x42, 2 steps to curb side	\$156.00
FB-1500-38	Closed 24x30 toespace, 1 step to rear	\$663.00
FB-1500-37	Closed 24x30 toespace 1 step to pedestal	\$663.00

**Platform Options (Secondary 1-Man Platform) 24 square platform not available due to control panel width**

0	FB-1500-25	Closed 24x30, 1 step to pedestal	Standard
	FB-1500-23	Closed 24x30, 1 step to rear	\$52.00
	FB-1500-36	Closed 24x30x 39, 1 step to pedestal	\$52.00
	FB-1500-27	Closed 24x30x 42, 1 step to curb side	\$52.00
	FB-1500-23	Closed 24x30x42, 2 steps to pedestal	\$156.00
	FB-1500-26	Closed 24x30x42, 2 steps to rear	\$156.00
	FB-1500-28	Closed 24x30x42, 2 steps to curb side	\$156.00
	FB-1500-48	Closed 24x30x39, 1 step to predestal and 1 step to rear	\$156.00

**Platform Options (2-man Platform) Steps to rear are not available on 48 in. platform**

	FB-1500-29	Closed 24x48, 1 step to pedestal	\$897.00
	FB-1500-30	Closed 24x48, 2 steps to predestal	\$1,053.00

**Platform Accessories**

	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-7 x2	Two Platform covers, nylon/vinyl, 24x30 in.	\$294.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-5 x2	Two Platform liners 24x30x42 in.	\$1,012.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platforms, two 24x30	\$1,523.00
	-	Fire retardant platform 24x48	\$862.00

**Rotation Options**

1	RO-1340-3/4	Continuous rotation with controls on turret	Standard
0	RO-1340-5/6	Continuous rotation for ship loose lower controls below rotation	\$4,297.00

**Hydraulic Options**

1	JW-1340-1	5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	Standard
	JW-1340-2	5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,144.00
	JW-1340-3	6.5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	\$392.00
	JW-1340-4	6.5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,538.00

	Delete	Delete jib and winch	(\$4,015.00)
	Delete	Delete rope	(\$212.00)

**Platform Capacity Options for 1-man platform**

1	CA-901	Platform capacity of 400 lbs.	Standard
	CA-854	Standard Platform capacity of 450 lbs.	\$ -
	CA-853	Platform capacity of 350 lbs.	\$ -

**Platform Capacity Options for Dual platforms**

0	CA-853 x2	Standard dual platform capacity 350 lbs for each platform	\$ -
	CA-901 x2	Standard dual platform capacity 400 lbs. for each platform (Not available with VO-355 and dual controls)	\$ -

	CA-900 x2	Dual platform capacity of 300 lbs. for each platform	\$ -
<b>Platform Capacity Options for 2-Man platform</b>			
0	CA-857	Platform capacity of 600 lbs. for two man platform	\$ -
	CA-850	Platform capacity of 700 lbs. for two man platform (VO-350/355 only)	\$ -
	CA-1200-1	Platform capacity of 800 lbs. for two man platform (VO-350/355 only)	\$ -
<b>Jib Capacity Options</b>			
1	CA-1340-26/29/31	Standard jib capacity for Single one man platform	Standard
	CA-1340-27/30/32	Standard jib capacity for single two man platform	\$ -
	CA-1340-25/28	Standard jib capacity for Dual one man platforms (Not available with VO-360)	\$ -
<b>Pedestal Options</b>			
1	P-1340-1	Standard pedestal (40 inch)	Standard
	P-1340-2	Taller (46 inch) pedestal with 6 in. additional clearance	\$391.00
	P-1340-4	Taller (52 inch) pedestal with 12 in. additional clearance	\$622.00
0	E-1341-1	25 ft. dual arm Elevator assembly	\$55,723.00
0	E-1341-2	33 ft. dual arm Elevator assembly	\$73,599.00
<b>Reservoir Options</b>			
1	RE-1200-1	External bulkhead reservoir (9.25 in. x 29.5 high in x 37 in. wide) with a 30 gallon capacity, external filter, and sight level gauge.	Standard
	RE-1701	50 gallon Step tank with external filters in lieu of 30 gallon bulkhead	\$747.00
	RE-1200-2	External bulkhead reservoir ( 9 in. x 30 in. x 50 in.) with a 50 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$575.00
	RE-1340-1	External bulkhead reservoir ( 14.25 in. x 30 in. x 50 in.) with a 80 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$647.00
	Delete	Delete bulkhead reservoir	(\$541.00)
<b>Subframe Options</b>			
1	MH-1340-3	Standard - 12 foot long subframe (welded).	\$ -
	MH-1340-4	13 foot long subframe (welded). 1 foot longer	\$192.00
	MH-1340-5	14 foot long subframe (welded). 2 foot longer	\$383.00
	MH-1340-6	15 foot long subframe (welded). 3 foot longer	\$575.00
	MH-1340-7	16 foot long subframe (welded). 4 foot longer	\$766.00
	MH-1340-8	17 foot long subframe (welded). 5 foot longer	\$959.00
	MH-1340-9	18 foot long subframe (welded). 6 foot longer	\$1,150.00
	MH-1340-10	19 foot long subframe (welded). 7 foot longer	\$1,341.00
	MH-1340-2	11 foot long subframe (welded) 1 foot shorter	(\$192.00)
	Delete	Delete subframe	(\$1,037.00)
	MH-1340-21	5 foot long possum belly subframe for mounting on top of standard subframe (one of the subframes above is required). Adjust for 6 in. variance as pedestal will now sit on above the subframe.	\$775.00
<b>Dielectric Certification:</b>			
1	Standard	Category C 46 KV and below	Standard
	ET-1340-4	Category B 46 KV and below including Electrical test band on upper boom	\$604.00
	ET-1340-4	Category B 69 KV including Electrical test band on upper boom.	\$604.00
<b>2 Speed Throttle Control Options</b>			
1	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$854.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00

International. NO CT Option Required when 60AJG Remote Engine Control Feature is ordered with chassis. Lift Throttle option is still required. \$ -

**Auto (On- Demand) Throttle Control Options**

CT-1400-35 International On Demand Chassis Throttle Ct \$665.00  
 CT-1400-36 Cummins On Demand Chassis Throttle Ctl \$665.00

**Control options (Maximum of three circuits can be provided):**

EP-1340-1 Emergency Power Insulated 12V DC hydraulic system (Requires 1 slip ring) \$805.00  
 EP-1340-2 Emergency Power Insulated 24V DC hydraulic system (Requires 1 slip ring) \$619.00  
 1 LT-1340-1/2/3 Auto Lift throttle (requires chassis throttle option and 1 slip ring) \$320.00  
 LT-1340-4/5 Auto Lift throttle for dual platforms (requires chassis throttle option and 1 slip ring) \$424.00  
 LT-1260-4 Two speed manual Lift throttle (requires chassis throttle option and 1 slip ring) \$67.00  
 LT-1260-4 x2 Two speed manual Lift throttle for dual platform (requires chassis throttle option and 1 slip ring) \$133.00  
 1 SS-1260-7 Standard 12V start/stop (requires 1 slip ring) Standard  
 SS-1260-8 Start/stop 24V DC (Requires 1 slip ring) \$129.00  
 Delete Delete engine start/stop (requires one less slip ring) (\$117.00)

**Collector Ring Options**

0 Extra Extra Slip Rings required \$ -  
 1 28457-2 Collector ring, 3-pass \$237.00  
 0 28457-3 Collector ring, 5-pass \$280.00  
 0 28457-4 Collector ring, 7-pass \$332.00  
 0 4382-5 Collector ring, 10-pass \$408.00  
 0 4382-6 Collector ring, 20-pass \$958.00  
 0 Not Required Slip Rings not required

**Fiber-Optic and DC drive Options**

HC-1340 Fiber optic system for actuating DC drive units. For lifts single controls. \$3,758.00  
 HCT-1340 Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings  
 HC-1340 Fiber optic system for actuating DC drive units. For lifts dual controls. \$4,301.00  
 HCT-1340 Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

RC-1260-1 Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted) \$1,243.00  
 0 RC-1200-1 Antenna for radio Control. Suggested for units 50 ft. and above \$270.00

**Misc. Options**

39030/39031 Extra operator's manual and service manual (in English) \$92.00  
 BC-1340-5/7/8/9 Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close. \$1,180.00  
 HC-1200-2 Hydraulic tool power valve for ground controls, including pressure limit (w/o quick disconnects) \$295.00  
 HC-1200-4 Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects) \$361.00  
 LE-1340-1 Lift eye on lower boom with 2500 lb. capacity. \$85.00  
 PC-1340-1/2/3 Upper boom cover \$809.00  
 SD-18 Full body harness and lanyard, large ARC Flash Rated \$345.00  
 SD-19 Full body harness and lanyard, extra-large ARC Flash Rated \$345.00  
 SD-18 x2 Two Full body harness and lanyards (Large) ARC Flash Rated \$691.00  
 SD-19 x2 Two Full body harness and lanyards (Extra large) ARC Flash Rated \$691.00  
 Delete Delete single platform support (\$25.00)

Delete	Delete two platform supports	(\$50.00)	
<b>Paint Options</b>			
1	Std. White	Standard time white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$1,037.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$2,075.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Main Outrigger Options</b>			
1	OR-1400-34	A-Frame outriggers for 37-43 Inch Frame Height. Provide 158 in. spread	\$6,184.00
	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provide 176.5 in. spread	\$7,135.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	OR-1400-35	A-Frame with Pad Extensions 37-43 Inch with Poss 43-49 Inch Without Poss	\$6,550.00
	Delete	Delete dual outriggers	\$ -
<b>Auxiliary Outrigger Options</b>			
1	OR-1400-34	A-Frame 37-43 Inch Frame Height. Provides 158 in. spread.	\$6,165.00
	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provides 176.5 in. spread.	\$7,134.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	OR-1400-35	A-Frame with Pad Extensions 37-43 Inch with Poss 43-49 Inch Without Poss	\$6,345.00
	OR-1400-46	H-Overframe Frame outriggers (reduced outrigger spread)	\$7,389.00
<b>Outrigger Control Valves &amp; Interlock Options</b>			
1	VK-1400-28	12 volt Outrigger/Boom switch kit	\$335.00
1	VK-1400-5/6//8 /20	Outrigger switch kit for main outriggers	\$337.00
1	VK-1400-5/6//8 /20	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-1/3/12 /14	Outrigger valves with integral microswitches (energized when control handle is activated) 2 sets	\$310.00
<b>Extended Warranty</b>			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,575.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,429.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-350/355/360X-MHI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated side-by-side boom, overcenter, articulated material handling aerial platform lift

- 1 See Options for platform capacities.
- 2 Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop.
- 3 TruGuard dielectric isolating system
- 4 Full pressure turret mounted controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including 3 slip ring for start/stop.
- 7 An ten gpm open center hydraulic system with a 3000 psi system pressure.
- 8 Fiberglass upper boom tested per ANSI A92.2 for Category C, 46 KV and below.
- 9 Chassis insulating system (lower boom insert) including accommodations to bridge insulation gap for testing per ANSI A92.2. Provides 12 in. insulation on VO-350 and 24 in on VO-355 and VO-360.
- 10 Five foot material handling jib and winch with 2000 lbs maximum capacity. Hydraulic jib articulation and manual extension. Includes 75 ft. of 9/16 in. diameter synthetic loadline.
- 11 White urethane paint over a white gel coat on fiberglass upper boom and lower boom insert.
- 12 Two sets of hydraulic tool outlets, with 2,000 PSI pressure limit, at platform. Quick disconnect fittings are not included.
- 13 Two 1/2 in. diameter return lines.
- 14 External bulkhead reservoir (9.25 in. x 29.5 high in x 37 in. wide) with a 30 gallon capacity, external filter, and sight level gauge.

- 15 See Options for platform variations.
- 16 90o platform rotation with hydraulic tilt at upper control for cleanout or rescue.
- 17 Full-length subframe and mounting hardware for 102-120 in. cab to axle chassis (subframe welded).
- 18 Lower Boom articulation is 125 degrees. Upper boom articulation is 210 degrees.
- 19 Requires dual outriggers. Consult price sheet and specifications for requirements and pricing.
- 20 Boom stow cradle and ratchet type tie down strap and tubular platform supports.
- 21 Non-lube bearings.
- 22 PTO and pump
- 23 Standard white urethane paint.
- 24 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 25 Two operator's manuals and two service manuals (in English).
- 26 ANSI A92.2 certification and data plate.
- 27 Two Slope Indicators with decals
  - \* See option for lift eye.
- 28 Spring loaded bucket and rest
- 29 Standard installation of aerial and body

VO-350X/355X/360X-MHI Minimum chassis specifications

Frame section modulus	18 in. 3
Frame resisting bending moment	900,000 in.-lbs.
Cab to rear axle dimension	108 in.

Minimum GVWR	33,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	21,000 lbs.

Refer to Specifications for approximate stability curb weight

VO-350X-E75/355X-E80/360X-E85 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	157 in.

Minimum GVWR	50,000 lbs.
GAWR (Front)	16,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

VO-350X-E83/355X-E88/360X-E93 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	187 in.

Minimum GVWR	52,000 lbs.
GAWR (Front)	18,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

Refer to Specifications for approximate stability curb weight

STANDARD OPTIONS: The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO350XMHI	Standard VO-350X-MHI side-by-side, articulating, material handling aerial device. Provides 50.3 ft. platform height with standard pedestal.	\$80,888.00
	VO355XMHI	Standard VO-355X-MHI side-by-side, articulating, material handling aerial device. Provides 55.3 ft. platform height with standard pedestal.	\$81,949.00

VO360XMHI	Standard VO-360X-MHI side-by-side, articulating, material handling aerial device (Not available with Dual platforms). Provides 60.3 ft. platform height with standard pedestal.	\$83,556.00
VO350XMHI-E75	VO350XMHI-E75 side-by-side, articulating, material handling aerial device. Provides 75.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$80,888.00
VO355XMHI-E80	VO355XMHI-E80 side-by-side, articulating, material handling aerial device. Provides 80.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$81,949.00
VO360XMHI-E85	VO360XMHI-E88 side-by-side, articulating, material handling aerial device (Not available w/Dual platforms). Provides 85.2 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$83,556.00
VO350XMHI-E83	VO350XMHI-E83 side-by-side, articulating, material handling aerial device. Provides 83.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$80,888.00
VO355XMHI-E88	VO355XMHI-E88 side-by-side, articulating, material handling aerial device. Provides 88.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$81,949.00
VO360XMHI-E93	VO360XMHI-E93 side-by-side, articulating, material handling aerial device (Not available with Dual platforms). Provides 93.2 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$83,556.00

**Lower Controls**

1	HYD-1340-5/7/10	Lower control valve is standard (open center)	Standard
	HYD-1340-6/8/11	Lower control valve with hydraulic platform-tilt valve at turret (open center)	\$220.00

**Platform Support**

1	PS-1340-1/5	Platform support providing 90 degree rotation. For use with single 1-man or single 2-man platform.	\$ -
0	PS-1340-2 & -3/4	Platform supports providing 90 degree rotation. For use with dual platforms. (Not avail. With VO-360)	\$2,532.00

**Upper Controls (open center)**

1	SC-1340-6/7/8/9	Primary Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop. For use with any primary bucket configuration. Handle faces away from elbow.	\$ -
	SC-1340-10	Secondary Unitrol single-stick mounted between boom and secondary platform with integral safety trigger including emergency stop. For use with dual platforms. Handle faces away from elbow.	\$2,177.00

**Platform Elevator for single platform**

BE-1341-1/2	Platform elevator (reduces platform capacity by 50 lbs). The elevator lifts the platform	\$3,198.00
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**Platform Options (Primary 1-Man Platform) 24 square platform not available due to control panel width**

1	FB-1500-23	Closed 24x30x42, 1 step to pedestal	Standard
	FB-1500-25	Closed 24x30x42, 1 step to rear	\$52.00
	FB-1500-36	Closed 24x30x 39, 1 step to pedestal	\$52.00
	FB-1500-27	Closed 24x30x 42, 1 step to curb side	\$52.00
	FB-1500-23	Closed 24x30x42, 2 steps to pedestal	\$156.00

FB-1500-26	Closed 24x30x42, 2 steps to rear	\$156.00
FB-1500-28	Closed 24x30x42, 2 steps to curb side	\$156.00
FB-1500-38	Closed 24x30 toespace, 1 step to rear	\$663.00
FB-1500-37	Closed 24x30 toespace 1 step to pedestal	\$663.00

**Platform Options (Secondary 1-Man Platform) 24 square platform not available due to control panel width**

0	FB-1500-25	Closed 24x30, 1 step to pedestal	Standard
	FB-1500-23	Closed 24x30, 1 step to rear	\$52.00
	FB-1500-36	Closed 24x30x 39, 1 step to pedestal	\$52.00
	FB-1500-27	Closed 24x30x 42, 1 step to curb side	\$52.00
	FB-1500-23	Closed 24x30x42, 2 steps to pedestal	\$156.00
	FB-1500-26	Closed 24x30x42, 2 steps to rear	\$156.00
	FB-1500-28	Closed 24x30x42, 2 steps to curb side	\$156.00
	FB-1500-48	Closed 24x30x39, 1 step to predestal and 1 step to rear	\$156.00

**Platform Options (2-man Platform) Steps to rear are not available on 48 in. platform**

	FB-1500-29	Closed 24x48, 1 step to pedestal	\$897.00
	FB-1500-30	Closed 24x48, 2 steps to predestal	\$1,053.00

**Platform Accessories**

	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-7 x2	Two Platform covers, nylon/vinyl, 24x30 in.	\$294.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-5 x2	Two Platform liners 24x30x42 in.	\$1,012.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platforms, two 24x30	\$1,523.00
	-	Fire retardant platform 24x48	\$862.00

**Rotation Options**

1	RO-1340-3/4	Continuous rotation with controls on turret	Standard
0	RO-1340-5/6	Continuous rotation for ship loose lower controls below rotation	\$4,297.00

**Hydraulic Options**

1	JW-1340-1	5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	Standard
	JW-1340-2	5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,144.00
	JW-1340-3	6.5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	\$392.00
	JW-1340-4	6.5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,538.00
	Delete	Delete jib and winch	(\$4,015.00)
	Delete	Delete rope	(\$212.00)

**Platform Capacity Options for 1-man platform**

1	CA-901	Platform capacity of 400 lbs.	Standard
	CA-854	Standard Platform capacity of 450 lbs.	\$ -
	CA-853	Platform capacity of 350 lbs.	\$ -

**Platform Capacity Options for Dual platforms**

0	CA-853 x2	Standard dual platform capacity 350 lbs. for each platform	\$ -
	CA-901 x2	Standard dual platform capacity 400 lbs. for each platform (Not available with VO-355 and dual controls)	\$ -
	CA-900 x2	Dual platform capacity of 300 lbs. for each platform	\$ -

**Platform Capacity Options for 2-Man platform**

0	CA-857	Platform capacity of 600 lbs. for two man platform	\$ -
	CA-850	Platform capacity of 700 lbs. for two man platform (VO-350/355 only)	\$ -
	CA-1200-1	Platform capacity of 800 lbs. for two man platform (VO-350/355 only)	\$ -

**Jib Capacity Options**

1	CA-1340-XX	Standard jib capacity	Standard
	CA-1340-XX	Maximum jib capacity (Increased stability requirements)	\$ -

**Pedestal Options**

1	P-1340-1	Standard pedestal (40 inch)	
	P-1340-2	Taller (46 inch) pedestal with 6 in. additional clearance	\$391.00
	P-1340-4	Taller (52 inch) pedestal with 12 in. additional clearance	\$622.00
0	E-1341-1	25 ft. dual arm Elevator assembly	\$55,723.00
0	E-1341-2	33 ft. dual arm Elevator assembly	\$73,599.00

**Reservoir Options**

1	RE-1200-1	External bulkhead reservoir (9.25 in. x 29.5 high in x 37 in. wide) with a 30 gallon capacity, external filter, and sight level gauge.	Standard
	RE-1701	50 gallon Step tank with external filters in lieu of 30 gallon bulkhead	\$747.00
	RE-1200-2	External bulkhead reservoir ( 9 in. x 30 in. x 50 in.) with a 50 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$575.00
	RE-1340-1	External bulkhead reservoir ( 14.25 in. x 30 in. x 50 in.) with a 80 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$467.00
	Delete	Delete bulkhead reservoir	(\$541.00)

**Subframe Options**

1	MH-1340-3	Standard - 12 foot long subframe (welded).	\$ -
	MH-1340-4	13 foot long subframe (welded). 1 foot longer	\$192.00
	MH-1340-5	14 foot long subframe (welded). 2 foot longer	\$383.00
	MH-1340-6	15 foot long subframe (welded). 3 foot longer	\$575.00
	MH-1340-7	16 foot long subframe (welded). 4 foot longer	\$766.00
	MH-1340-8	17 foot long subframe (welded). 5 foot longer	\$959.00
	MH-1340-9	18 foot long subframe (welded). 6 foot longer	\$1,149.00
	MH-1340-10	19 foot long subframe (welded). 7 foot longer	\$1,341.00
	MH-1340-2	11 foot long subframe (welded) 1 foot shorter	(\$192.00)
	Delete	Delete subframe	(\$1,037.00)
	MH-1340-21	5 foot long possum belly subframe for mounting on top of standard subframe (one of the subframes above is required). Adjust for 6 in. variance as pedestal will now sit on above the subframe.	\$775.00

**Dielectric Certification:**

1	Standard	Category C 46 KV and below	Standard
	ET-1340-4	Category B 46 KV and below including Electrical test band on upper boom	\$604.00
	ET-1340-4	Category B 69 KV including Electrical test band on upper boom.	\$604.00

**2 Speed Throttle Control Options**

1	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$854.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
		International. NO CT Option Required when 60AJG Remote Engine Control Feature is ordered with chassis. Lift Throttle option is still required.	\$ -

**Auto (On- Demand) Throttle Control Options**

	CT-1400-35	International On Demand Chassis Throttle Ct	\$665.00
	CT-1400-36	Cummins On Demand Chassis Throttle Ctl	\$665.00

**Control options (Maximum of three circuits can be provided):**

	EP-1340-1	Emergency Power Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$805.00
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	EP-1340-2	Emergency Power Insulated 24V DC hydraulic system (Requires 1 slip ring)	\$619.00
1	LT-1340-1/2/3	Auto Lift throttle (requires chassis throttle option and 1 slip ring)	\$320.00
0	LT-1340-4/5	Auto Lift throttle for dual platforms (requires chassis throttle option and 1 slip ring)	\$424.00
	LT-1260-4	Two speed manual Lift throttle (requires chassis throttle option and 1 slip ring)	\$67.00
	LT-1260-4 x2	Two speed manual Lift throttle for dual platform (requires chassis throttle option and 1 slip ring)	\$133.00
1	SS-1260-7	Standard 12V start/stop (requires 1 slip ring)	Standard
	SS-1260-8	Start/stop 24V DC (Requires 1 slip ring)	\$129.00
	Delete	Delete engine start/stop (requires one less slip ring)	(\$117.00)

**Collector Ring Options**

	Extra	Extra Slip Ring required	\$ -
1	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
0	4382-6	Collector ring, 20-pass	\$958.00
	Not Required	Slip Rings not required	

**Fiber-Optic and DC drive Options**

	HC-1340	Fiber optic system for actuating DC drive units. For lifts single controls.	\$3,758.00
	HCT-1340	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	
	HC-1340	Fiber optic system for actuating DC drive units. For lifts dual controls.	\$4,301.00
	HCT-1340	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	

**Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle**

	RC-1260-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,221.00
0	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

**Misc. Options**

	39030/39031	Extra operator's manual and service manual (in English)	\$92.00
	BC-1340-5	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close.	\$1,180.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (w/o quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	LE-1340-1	Lift eye on lower boom with 2500 lb. (1125 kg) capacity.	\$85.00
	PC-1340-1/2/3	Upper boom cover	\$809.00
	SD-18	Full body harness and lanyard, large ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard, extra-large ARC Flash Rated	\$345.00
	SD-18 x2	Two Full body harness and lanyards (Large) ARC Flash Rated	\$691.00
	SD-19 x2	Two Full body harness and lanyards (Extra large) ARC Flash Rated	\$691.00
	Delete	Delete single platform support	(\$25.00)
	Delete	Delete two platform supports	(\$50.00)

**Paint Options**

1	Std. White	Standard time white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$1,037.00
		Special Color Extreme Climate Urethane (6 mils)	\$2,075.00

	Special Not Available	Special red, chrome colors, or Imron 5000 Base coat/clear coat. Metallic.	Consult Factory Not Available
<b>Main Outrigger Options</b>			
1	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provide 176.5 in. spread	\$7,134.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	Delete	Delete dual outriggers	\$ -
<b>Auxiliary Outrigger Options</b>			
1	OR-1400-34	A-Frame 37-43 Inch Frame Height. Provides 158 in. spread (will increase weight required for stability)	\$5,987.00
	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provides 176.5 in. spread.	\$7,134.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	OR-1400-35	A-Frame with Pad Extensions 37-43 inch with Possum 43-49 inch without Possum Provides 158 in. spread (will increase weight required for stability)	\$6,345.00
<b>Outrigger Control Valves &amp; Interlock Options</b>			
1	VK-1400-28/29	12/24 volt Outrigger/Boom switch kit	\$335.00
1	VK-1400-5/6//8/ 20	Outrigger switch kit for main outriggers	\$337.00
1	VK-1400-5/6//8/ 20	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-1/3/12/ 14	Outrigger valves with integral microswitches (energized when control handle is activated) 2 sets	\$310.00
<b>Extended Warranty</b>			
	EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,575.00
	EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,326.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift VO-452/455/460-MHI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

Insulated stacked boom, overcenter, articulated material handling aerial platform lift

- 1 See Options for platform capacities.
- 2 Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop.
- 3 TruGuard dielectric isolating system
- 4 Full pressure turret mounted controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including 3 slip ring for start/stop.
- 7 An eight gpm open center hydraulic system with a 3000 psi system pressure.
- 8 Fiberglass upper boom tested per ANSI A92.2 for Category C, 46 KV and below.
- 9 Chassis insulating system (lower boom insert) including accommodations to bridge insulation gap for testing per ANSI A92.2. Provides 12 in. insulation on VO-452 and 24 in on VO-455 and VO-460.
- 10 Five foot material handling jib and winch with 2000 lbs maximum capacity. Hydraulic jib articulation and manual extension. Includes 75 ft. of 9/16 in. diameter synthetic loadline.
- 11 White urethane paint over a white gel coat on fiberglass upper boom and lower boom insert.
- 12 Two sets of hydraulic tool outlets, with 2,000 PSI pressure limit, at platform. Quick disconnect fittings are not included.
- 13 Two 1/2 in. diameter return lines.
- 14 External bulkhead reservoir (9.25 in. x 29.5 high in x 37 in. wide) with a 30 gallon capacity, external filter, and sight level gauge.
- 15 See Options for platform variations.

- 16 90o platform rotation with hydraulic tilt at upper control for cleanout or rescue.
- 17 Full-length subframe and mounting hardware(subframe welded).
- 18 Standard lower Boom articulation is 102 degrees. Upper boom articulation is 195 degrees.
- 19 Requires dual outriggers. Consult price sheet and specifications for requirements and pricing.
- 20 Boom stow cradle and ratchet type tie down strap and tubular platform supports.
- 21 Non-lube bearings.
- 22 PTO and pump
- 23 Standard white urethane paint.
- 24 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 25 Two operator's manuals and two service manuals (in English).
- 26 ANSI A92.2 certification and data plate.
- 27 Two Slope Indicator with decals.
- 28 Spring loaded bucket rest
- 29 Standard installation of aerial and body

VO-452/455/460-MHI Minimum chassis specifications

Frame section modulus	18 in. 3
Frame resisting bending moment	900,000 in.-lbs.
Cab to rear axle dimension	108 in.
Minimum GVWR	33,000 lbs.
GAWR (Front)	12,000 lbs.
GAWR (Rear)	21,000 lbs.
Refer to Specifications for approximate stability curb weight	

VO-452-E77/455-E80/460-E85 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	157 in.
Minimum GVWR	50,000 lbs.
GAWR (Front)	16,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

VO-452-E85/455-E88/460-E93 Minimum chassis specifications

Frame section modulus	29 in. 3
Frame resisting bending moment	3,480,000 in.-lbs.
Cab to rear axle dimension	187 in.
Minimum GVWR	52,000 lbs.
GAWR (Front)	18,000 lbs.
GAWR (Rear)	34,000 lbs.
Approximate curb weight for stability	43,000 lbs.

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	VO452MHI	Standard VO-452-MHI stacked boom, articulating, material handling aerial device. Provides 52.7 ft. paltform height with standard pedestal.	\$73,713.00
	VO455MHI	Standard VO-455-MHI stacked boom, articulating, material handling aerial device. Provides 55.7 ft. paltform height with standard pedestal.	\$74,508.00
	VO460MHI	Standard VO-460-MHI stacked boom, articulating, material handling aerial device. Provides 60.7 ft. paltform height with standard pedestal.	\$75,675.00

VO452MHI-E77	VO452MHI-E77 stacked boom, articulating, material handling aerial device. Provides 78.1 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$73,713.00
VO455MHI-E80	VO455MHI-E80 stacked boom, articulating, material handling aerial device. Provides 81.1 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$74,508.00
VO460MHI-E85	VO460MHI-E85 stacked boom, articulating, material handling aerial device. Provides 86.1 ft. of platform height with a 25 foot lift elevator. Lift Elevator pricing shown below.	\$75,675.00
VO452MHI-E85	VO452MHI-E77 stacked boom, articulating, material handling aerial device. Provides 86.1 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$73,713.00
VO455MHI-E88	VO455MHI-E80 stacked boom, articulating, material handling aerial device. Provides 89.1 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$74,508.00
VO460MHI-E93	VO460MHI-E85 stacked boom, articulating, material handling aerial device. Provides 94.1 ft. of platform height with a 33 foot lift elevator. Lift Elevator pricing shown below.	\$75,675.00

**Lower Controls**

1	HYD-1341-1	Lower control valve is standard (open center)	Standard
	HYD-1341-2	Lower control valve with hydraulic platform-tilt valve at turret (open center)	\$220.00

**Platform Support**

1	PS-1341-1/2	Platform support providing 90 degree rotation. For use with single 1-man or single 2-man platform.	\$ -
0	PS-1341-3/4	Platform supports providing 90 degree rotation. For use with dual platforms. (Not avail. With VO-460)	\$2,541.00

**Upper Controls (open center)**

1	SC-1340-6/7/8/9	Primary Unitrol single-stick mounted on curbside between the boom and platform with integral safety trigger including an emergency stop. For use with any primary bucket configuration. Handle faces away from elbow.	\$ -
	SC-1340-10	Secondary Unitrol single-stick mounted between boom and secondary platform with integral safety trigger including emergency stop. For use with dual platforms. Handle faces away from elbow.	\$2,168.00

**Platform Elevator for single platform**

	BE-1341-1/2	Platform elevator (reduces platform capacity by 50 lbs). The elevator lifts the platform 24 inches vertically using a telescopic cylinder. This option adds seven inches of length from the centerline of the platform rotator. Not available with dual platforms. Not available with Lift elevator. Not available with TruGuard.	\$3,198.00
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**Platform Options (Primary 1-Man Platform) 24 square platform not available due to control panel width**

1	FB-1500-23	Closed 24x30x42, 1 step to pedestal	Standard
	FB-1500-25	Closed 24x30x42, 1 step to rear	\$52.00
	FB-1500-36	Closed 24x30x 39, 1 step to pedestal	\$52.00
	FB-1500-27	Closed 24x30x 42, 1 step to curb side	\$52.00
	FB-1500-24	Closed 24x30x42, 2 steps to pedestal	\$156.00
	FB-1500-26	Closed 24x30x42, 2 steps to rear	\$156.00

FB-1500-28	Closed 24x30x42, 2 steps to curb side	\$156.00
FB-1500-38	Closed 24x30 toespace, 1 step to rear	\$663.00
FB-1500-37	Closed 24x30 toespace 1 step to pedestal	\$663.00

**Platform Options (Secondary 1-Man Platform) 24 square platform not available due to control panel width**

0	FB-1500-25	Closed 24x30, 1 step to pedestal	Standard
	FB-1500-23	Closed 24x30, 1 step to rear	\$52.00
	FB-1500-36	Closed 24x30x 39, 1 step to rear	\$52.00
	FB-1500-27	Closed 24x30x 42, 1 step to street side	\$52.00
	FB-1500-24	Closed 24x30x42, 2 steps to rear	\$156.00
	FB-1500-26	Closed 24x30x42, 2 steps to pedestal	\$156.00
	FB-1500-28	Closed 24x30x42, 2 steps to street side	\$156.00
	FB-1500-48	Closed 24x30x39, 1 step to predestal and 1 step to rear	\$156.00

**Platform Options (2-man Platform) Steps to rear are not available on 48 in. platform**

	FB-1500-29	Closed 24x48, 1 step to pedestal	\$897.00
	FB-1500-30	Closed 24x48, 2 steps to predestal	\$1,053.00

**Platform Accessories**

	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-7 x2	Two Platform covers, nylon/vinyl, 24x30 in.	\$294.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-5 x2	Two Platform liners 24x30x42 in.	\$1,012.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platforms, two 24x30	\$1,523.00
	-	Fire retardant platform 24x48	\$862.00

**Platform Capacity Options for 1-man platform**

1	CA-901	Standard Platform capacity of 400 lbs.	Standard
	CA-853	Platform capacity of 350 lbs.	\$ -
	CA-900	Platform capacity of 300 lbs.	\$ -

**Platform Capacity Options for Dual platforms**

0	CA-853 x2	Standard dual platform capacity 350 lbs. for each platform	\$ -
	CA-900 x2	Dual platform capacity of 300 lbs. (136 kg) for each platform	\$ -

**Platform Capacity Options for 2-Man platform**

0	CA-852	Platform capacity of 500 lbs. for two man platform	\$ -
	CA-857	Platform capacity of 600 lbs. for two man platform (VO-452/455 only)	\$ -
	CA-850	Platform capacity of 700 lbs. for two man platform (VO-452/455 only)	\$ -

**Rotation Options**

1	RO-1341-1	Continuous rotation with controls on turret	Standard
0	RO-1341-XX	Continuous rotation for ship loose lower controls below rotation	\$4,297.00

**Hydraulic Options**

1	JW-1341-1	5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	Standard
	JW-1341-2/11	5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,144.00
	JW-1341-3	6.5 ft. Jib and winch with manual extension. Includes 75 feet of 9/16 rope	\$392.00
	JW-1341-4/12	6.5 ft. Jib and winch with hydraulic extension. Includes 75 feet of 9/16 rope	\$1,538.00
	Delete	Delete RP-2 rope option	(\$212.00)

**Lower Boom Articulation**

1	HYD-1341-5	102 degree Lower Boom Articulation	Standard
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HYD-1341-4	110degree Lower Boom Articulation (Increases stability requirements - refer to specifications)	\$198.00
HYD-1341-3	120 degree Lower Boom Articulation (Increases stability requirements - refer to specifications)	\$362.00

#### Pedestal Options

1	P-1340-5	Standard pedestal (34 inch)	Standard
	P-1340-1	Taller (40 inch) pedestal with 6 in. (152 mm) additional clearance	\$231.00
	P-1340-2	Taller (46 inch) pedestal with 12 in. (305 mm) additional clearance	\$460.00
	P-1340-4	Taller (52 inch) pedestal with 18 in. (457 mm) additional clearance	\$691.00
0	E-1341-1	25 ft. dual arm Elevator assembly	\$55,723.00
0	E-1341-2	33 ft. dual arm Elevator assembly	\$73,599.00

#### Reservoir Options

1	RE-1200-1	External bulkhead reservoir (9.25 in. x 29.5 high in x 37 in. wide) with a 30 gallon capacity, external filter, and sight level gauge.	Standard
	RE-1701	50 gallon Step tank with external filters in lieu of 30 gallon bulkhead	\$747.00
	RE-1200-2	External bulkhead reservoir ( 9 in. x 30 in. x 50 in.) with a 50 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$575.00
	RE-1340-1	External bulkhead reservoir ( 14.25 in. x 30 in. x 50 in.) with a 80 gallon capacity, external filter, and sight level gauge in lieu of 30 gallon reservoir.	\$647.00
	Delete	Delete bulkhead reservoir	(\$541.00)

#### Subframe Options

1	MH-1340-3	Standard - 12 foot long subframe (welded).	\$ -
	MH-1340-4	13 foot long subframe (welded). 1 foot longer	\$192.00
	MH-1340-5	14 foot long subframe (welded). 2 foot longer	\$383.00
	MH-1340-6	15 foot long subframe (welded). 3 foot longer	\$575.00
	MH-1340-7	16 foot long subframe (welded). 4 foot longer	\$766.00
	MH-1340-8	17 foot long subframe (welded). 5 foot longer	\$959.00
	MH-1340-9	18 foot long subframe (welded). 6 foot longer	\$1,149.00
	MH-1340-10	19 foot long subframe (welded). 7 foot longer	\$1,341.00
	MH-1340-2	11 foot long subframe (welded) 1 foot shorter	(\$192.00)
	Delete	Delete subframe	(\$1,037.00)
	MH-1340-21	5 foot long possum belly subframe for mounting on top of standard subframe (one of the subframes above is required). Adjust for 6 in. variance as pedestal will now sit on above the subframe.	\$775.00

#### Dielectric Certification:

1	Standard	Category C 46 KV and below	Standard
	ET-1341-1	Category B 46 KV and below including Electrical test band on upper boom	\$604.00
	ET-1341-1	Category B 69 KV including Electrical test band on upper boom.	\$604.00

#### 2 Speed Throttle Control Options

1	CT-1400-31	Chassis Throttle CTRL Cummins/Cat Man 2 Speed	\$608.00
	CT-1400-5	Chassis Throttle Control Sol 24VDC 2 Speed	\$854.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$905.00
		International. NO CT Option Required when 60AJG Remote Engine Control Feature is ordered with chassis. Lift Throttle option is still required.	\$ -

#### Auto (On- Demand) Throttle Control Options

	CT-1400-35	International On Demand Chassis Throttle Ct	\$665.00
	CT-1400-36	Cummins On Demand Chassis Throttle Ctl	\$665.00

#### Control options (Maximum of three circuits can be provided):

	EP-1340-1/-4	Emergency Power Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$805.00
	EP-1340-2	Emergency Power Insulated 24V DC hydraulic system (Requires 1 slip ring)	\$619.00
1	LT-1341-1/2/3/6/7/8	Auto Lift throttle (requires chassis throttle option and 1 slip ring)	\$320.00
0	LT-1341-4/5/9/10	Auto Lift throttle for dual platforms (requires chassis throttle option and 1 slip ring)	\$424.00
	LT-1260-2/4	Manual lift throttle Insulated (required with 2-speed throttle control) requires 1 slip ring	\$67.00
1	SS-1260-1/7	Standard 12V start/stop (requires 1 slip ring)	Standard
	SS-1260-8	Start/stop 24V DC (Requires 1 slip ring)	\$129.00
	Delete	Delete engine start/stop (requires one less slip ring)	(\$117.00)

#### Collector Ring Options

0	Extra	Extra Slip Rings required	\$ -
1	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00
0	Not Required	Slip Rings not required	

#### Fiber-Optic and DC drive Options

	HC-1340	Fiber optic system for actuating DC drive units. For lifts single controls.	\$3,758.00
	HCT-1340	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	
	HC-1340	Fiber optic system for actuating DC drive units. For lifts dual controls.	\$4,301.00
	HCT-1340	Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

	RC-1260-1	Radio Control 12V Transmitter and Receiver (Slip Rings & 4-1 Airline Deleted)	\$1,221.00
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#### Misc. Options

	39049/39050	Extra operator's manual and service manual (in English)	\$92.00
	BC-1341-2	Auto Boom Latch. The rotary auto boom latch works off the lift hydraulic pressure to open and close.	\$1,180.00
	BL-1341-1	Boom Stow Limit. Limits down force on lower boom cradle. Recommended when boom is stowed above horizontal.	\$227.00
	BL-1341-2	Overcenter hydraulic Limit. Converts unit to non-overcenter by stopping the booms when the upper boom reaches 80 degrees above horizontal	\$949.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (w/o quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$351.00
	LE-1340-1	Lift eye on lower boom with 2500 lb. capacity.	\$85.00
	PC-1340-1/2/3	Upper boom cover	\$809.00
	SD-18	Full body harness and lanyard, large ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard, extra-large ARC Flash Rated	\$345.00
	SD-18 x2	Two Full body harness and lanyards (Large) ARC Flash Rated	\$691.00
	SD-19 x2	Two Full body harness and lanyards (Extra large) ARC Flash Rated	\$691.00
0	SK-1341-2	Shipping skid for container shipment	\$984.00
	Delete	Delete single platform support	(\$25.00)
	Delete	Delete two platform supports	(\$50.00)

#### Paint Options

1	Std. White	Standard time white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$846.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$1,037.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$2,075.00
	Not Available	Special red, metallic, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat	Not Available

**Main Outrigger Options**

1	OR-1400-34	A-Frame outriggers for 37-43 Inch Frame Height. Provide 158 in. spread	\$6,191.00
	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provide 176.5 in. spread	\$6,828.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	OR-1400-35	A-Frame with Pad Extensions 37-43 Inch with Poss 43-49 Inch Without Poss	\$6,550.00
	Delete	Delete dual outriggers	\$ -

**Auxiliary Outrigger Options**

1	OR-1400-34	A-Frame 37-43 Inch Frame Height. Provides 158 in. spread.	\$5,987.00
	OR-1400-47	X-Frame outriggers for 38-45 Inch Frame Height. Provides 176.5 in. spread.	\$7,134.00
	OR-1400-33	Radial with 7 Inch Dropped Belly Strap. Provides 211 in. spread	\$12,691.00
	OR-1707	Radial outriggers. Provide 211 in. spread	\$12,691.00
	OR-1400-35	A-Frame with Pad Extensions 37-43 Inch with Poss 43-49 Inch Without Poss	\$6,345.00
	OR-1400-46	H-Overframe Frame outriggers (reduced outrigger spread)	\$7,389.00

**Outrigger Control Valves & Interlock Options**

1	VK-1400-28/29	12/24 volt Outrigger/Boom switch kit	\$335.00
1	VK-1400-5/6//8/20	Outrigger switch kit for main outriggers	\$337.00
1	VK-1400-5/6//8/20	Outrigger switch kit for auxiliary outriggers	\$337.00
	VK-1400-1/3/12/14	Outrigger valves with integral microswitches (energized when control handle is activated) 2 sets	\$310.00

**Extended Warranty**

EXT-WAR + 1	1 Year Extended warranty (2 Year Total Coverage)	\$2,575.00
EXT-WAR + 2	2 Year Extended warranty (3 Year Total Coverage)	\$4,429.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift T-30/34-I</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

T-30-I Insulated 29 ft. 10 in. telescopic aerial platform lift, including the items listed  
 T-34-I Insulated 33 ft. 10 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitrol single lever control including safety trigger, dump valve, and tool selector.
- 3 TruGuard dielectric isolating system
- 4 Hydraulic platform rotator.
- 5 Full pressure turret mounted lower controls with override.
- 6 Engine start/stop from platform and lower controls.
- 7 Continuous rotation including one pass slip ring for start/stop system.
- 8 Six gpm open center hydraulic system at 3000 psi
- 9 Telescopic upper boom allows for low stowed platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 10 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat.
- 11 Non-lube bearings used throughout.
- 12 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.

- 14 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).
- 15 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 16 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 17 Mounting hardware (specify make/model and CA dimension).
- 18 PTO and pump
- 19 Standard white urethane paint.
- 20 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Two Slope Indicators with decals.
- 24 Spring loaded bucket rest
- 25 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	T-30-I	Insulated 29 ft. 10 in. telescopic aerial platform lift, including the items listed	\$38,715.00
	T-34-I	Insulated 33 ft. 10 in. telescopic aerial platform lift, including the items listed	\$42,198.00

**Lower Control Options**

1	RO-1260-6	Lower controls on turret with standard rotary joint	
	RO-1250-XX	Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$4,799.00
	RC-1250-XX	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,232.00
	RC-1250-XX	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,187.00

**Platform Support**

1	SC-1250-XX	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1250-XX	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2/3/4/5	Second set of tool outlets at the platform	\$174.00

**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-921	Closed 24x24x42, 1 step to curb side	Standard
	FB-169	Closed 24x24x42, 2 steps to curb side	\$156.00
	FB-967	Closed 24x24x42, 2 step 1 to rear and 1 step curb side	\$156.00
	FB-929	Closed 24x24x42 Toespace, 1 step to curb side	\$663.00
	FB-1001	Closed 24x30x39, 1 step to curb side	\$205.00
	FB-948	Closed 24x30x42, 1 step to curb side	\$205.00
	FB-1500-1	Closed 24x30x42 1 step to rear (opposite ribs)	\$205.00
	FB-852	Closed 24x30x42 2 steps to curb side	\$308.00
	FB-186	Closed 24x30x39 Toespace, 1 step to curb side	\$819.00
	FB-959	Closed 24x30x42 with Toespace 1 Step to curb side	\$819.00
	FB-987	Closed 24x30x42 Toespace, 1 step to rear (opposite ribs)	\$819.00
	FB-950	Closed 24x42x42 1 step to Curb side	\$375.00
	FB-856	Closed 24x42x42 2 steps to Curb side	\$478.00
	FB-944	Closed 24x48x42 1 step to curb side (Not available with jib and winch)	\$523.00
	FB-850	Closed 24x48x42 2 step to curb side (Not available with jib and winch)	\$627.00
	FB-1520-1	Duckunder 24x24x42, open to curbl side (Requires door)	\$52.00
	FB-1520-3	Duckunder 24x42x42, open to curb side (Requires door)	\$375.00
	FB-1520-5	Duckunder 24x30x42, open to curb side (Requires door)	\$205.00
	FB-1510-1	Walk-in 24x42x42, open to curb side (Requires door)	\$375.00
	FB-1510-3	Walk-in 24x30x42, open to curb side (Requires door)	\$205.00
	FB-1510-4	Walk-in 24x24x42, open to curb side (Requires door)	\$52.00
	FB-1510-5	Walk-in 24x24x42, open to rear (opposite ribs - Requires door)	\$49.00
	SA-1510-1	Walk-in 24x24x42, open to curb side, cavity towards rear (opposite ribs - Requires door)	\$220.00
	Delete	Delete Standard Platform	-\$811.00
	AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door.	\$5,390.00
	AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100 lbs.) Includes door.	\$5,660.00

**Left Hand Single-Stick Platform Options (descriptions in end hung position)**

	FB-924	Closed 24x24x42, 1 step to street side	\$52.00
	FB-206	Closed 24x24x42, 2 steps to street side	\$156.00
	FB-946	Closed 24x24x42, Toespace, 1 step to rear (opposite ribs)	\$663.00
	FB-947	Closed 24x30x42, 1 step to street side	\$205.00
	FB-986	Closed 24x30x42, 1 step to Rear	\$205.00
	FB-853	Closed 24x30x42, 2 steps to street side	\$308.00
	FB-989	Closed 24x30x42, with Toespace 1 step to street side	\$819.00
	FB-949	Closed 24x42x42, 1 step to street side	\$375.00
	FB-943	Closed 24x48x42, 1 step to street side (Not available with jib and winch)	\$523.00
	FB-961	Closed 24x48x42, 2 steps to streetside (Not available with jib and winch)	\$627.00
	FB-1520-2	Duckunder 24x42x42, open to street side (Requires door)	\$375.00
	FB-1520-4	Duckunder 24x30x42, open to street side (Requires door)	\$205.00
	FB-1510-2	Walk-in 24x42x42, open to street side (Requires door)	\$375.00
	SA-1510-2	Walk-in 24x24x42 Toespace, open to street side (Requires door)	\$663.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
	CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	LR-10	Platform liner 24x42x42 in.	\$541.00
	LR-9	Platform liner 24x48x42 in.	\$654.00
	SA-17	Work tray w/ mounting	\$122.00

SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
-	Fire retardant platform 24" SQ	\$719.00
-	Fire retardant platform 24" X 30"	\$762.00
-	Fire retardant platform 24" X 42"	\$820.00
FB-180	Handrail for platform 24" SQ	\$421.00
FB-182/183	Handrail for platform 24" X 30"	\$513.00
FB-177/178	Handrail for platform 24" X 42"	\$560.00
FB-184/185	Handrail for platform 24" X 48"	\$657.00

#### Platform Capacities

1	CA-857	Manlift Platform Capacity 600lbs. (Not available with aluminum platform).	Standard
	CA-852	Manlift platform capacity of 500 lbs.	\$ -
	CA-853	Manlift platform capacity of 350 lbs.	\$ -
	CA-901	Manlift platform capacity of 400 lbs.	\$ -
	CA-1260-31	Std. jib capacity of 300/400P lbs., 1000J lbs.	\$ -
	CA-1260-32	Jib Capacity (400/500P, 1000J)lbs.	\$ -
	CA-1260-33	Jib Capacity (500/600P, 1000J)lbs. (Not available with aluminum platform)	\$ -

#### Material Handling Option

	JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. See specifications for platform variations with jib and winch.	\$3,741.00
	JW-1270-2	Hydraulic extending and articulating jib pole and winch package for up to 1000lbs. capacity. See specifications for platform variations with jib and winch.	\$6,372.00
	JW-1270-15	Hydraulic dual arm articulating jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole. Required for live line lifting	\$6,988.00
	CA/IB/SC-XX	Jib and winch prep package for hydraulic jib	\$1,661.00
	CA/IB/SC-XX	Jib and winch prep package for manual jib	\$1,570.00
	JW-1270-7	Hydraulic extending and articulating jib pole and winch package for up to 1000 lbs. capacity. Includes winch load indicator to determine approximate load. See specifications for platform variations with jib and winch	\$7,077.00
	CB-18	Jib socket cover	\$10.00
	JW-901	Jib socket tube. Can be welded to body for jib stowage	\$140.00

#### Pedestal Options

1	P-1260-8	Standard 46-1/4 in. tall pedestal	Standard
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -

#### Priority Flow Control Options

	CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
	CT-1400-6	Radio Control Priority Flow Control (requires transmitter and receiver)	\$414.00

#### 2 Speed Throttle Control Options

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00

CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$470.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$635.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$654.00
CT-1400-7/24/25/26	Radio Control 2-speed chassis throttle Control (requires transmitter and receiver & LT option)	\$355.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$681.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$660.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$530.00

#### Control Circuits

CC-1260-X	Control circuit from platform including air cylinder, air line and pressure switch (Requires 1 slip ring)	\$146.00	
EP-1260-11/13	Emergency Power Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$772.00	
0	LT-1260-1/2/4	Lift throttle Insulated (required with 2-speed throttle control or priority flow control)	\$67.00
1	SS-1260-1/5	Start/stop 12V DC is standard (Requires 1 slip ring)	Standard
	Delete	Delete engine start/stop	(\$117.00)
	AL-45	Airline desiccant kit per circuit	\$38.00

#### Collector Ring Options

	Extra	Extra Slip Rings required	\$ -
1	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

#### Fiber-Optic and DC drive Options

0	HC-1250	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,395.00
	HCT-1250		
	HS-1200-9	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	BY-1200-4		
	HS-1200-10	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
	BY-1200-4		
	GK-1200-3	48V DC Battery Gauge	\$94.00
0	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,240.00

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

RC-1260	Radio Control 12V Transmitter and Receiver (4-1 airline deleted)	\$1,186.00
RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

#### Misc. Options

39066/39067	Extra operator's manual and service manual (in English)	\$92.00
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	BC-1200-6 SK-1200-1	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	BC-1200-4 SK-1200-1	Auto Boom Latch for mounting on outer boom Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	OB-1260-17/18	Delete outer boom tip (Electrogard)	(\$819.00)
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
1	PS-922	Tubular rubber platform support 5 in. high	Standard
	PS-11	Tubular rubber platform support 23 in. high	\$35.00
	Delete	Delete Tubular rubber platform support	(\$34.00)
	RE-1200-1	External 30 gallon reservoir	\$729.00
	SD-1200-11	Body belt and 24 Inch lanyard	\$103.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	-	Inner boom serial number tagging (Only for Export)	\$177.00
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane Special	Special color urethane (specify color code)	\$777.00
	Not Available	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
		Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Mounting Hardware</b>			
1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe)	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe)	\$ -
	MH-1260-11	Mounting hardware for Dodge/Sterling 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
	Delete	Delete Pedestal mounting hardware	(\$163.00)
<b>Main Outriggers, (Include control valves)</b>			
	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-37	Modified A-frame Knock Down	\$4,070.00
<b>Auxiliary Outriggers, (Include control valves)</b>			
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,070.00
	OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$4,070.00
	OR-1400-36	Independent Narrow Modified A-frame 10 Degree Knock Down	\$4,070.00
	OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00
<b>Outrigger Valves &amp; Interlock</b>			
0	VK-1400-10	12 volt Outrigger/Boom switch kit	\$365.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$367.00

0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$367.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$350.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**New Lift Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift T-30/34-SI</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

T-30-SI Insulated 29 ft. 6 in. telescopic aerial platform lift, including the items listed

T-34-SI Insulated 33 ft. 6 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitrol single lever control including safety trigger, dump valve, and tool selector.
- 3 TruGuard dielectric isolating system
- 4 Hydraulic platform rotator 1000
- 5 Full pressure turret mounted lower controls with override.
- 6 Engine start/stop from platform and lower controls.
- 7 Continuous rotation including one pass slip ring for start/stop system.
- 8 Six gpm open center hydraulic system at 3000 psi
- 9 Telescopic upper boom allows for low stowed platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2 requirements for Category C, 46 KV and below.
- 10 ELECTROGARD and inner boom finished with white urethane paint over a white gel coat.
- 11 Non-lube bearings used throughout.
- 12 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 13 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 14 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).

- 15 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 16 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 17 Mounting hardware (specify make/model and CA dimension).
- 18 PTO and pump
- 19 Standard white urethane paint.
- 20 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 21 Two operator's manuals and two service manuals (in English).
- 22 ANSI A92.2 data plate.
- 23 Spring loaded bucket rest
- 24 Two Slope Indicators with decals
- 25 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	T-30-SI	Insulated 29 ft. 6 in. telescopic aerial platform lift, including the items listed	\$43,865.00
	T-34-SI	Insulated 34 ft. 6 in. telescopic aerial platform lift, including the items listed	\$47,387.00

**Lower Control Options**

1	RO-1250-XX RO-1250-XX	Lower controls on turret with standard rotary joint Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	Standard \$4,799.00
	RC-1250-XX	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,232.00
	RC-1250-XX	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring). Per ANSI A92.2-1990, 4.3.3: "The lower controls of insulating aerial devices shall be designed in such a manner that an operator is not placed in the electrical path between the aerial device and the ground."	\$2,187.00

**Platform Support**

1	PS-1250-XX	Single-stick controls mounted between the boom and platform including 100 degree platform rotator	Standard
	PS-125-XX	4-AXIS Single-stick controls mounted between boom and platform support including 100 degree platform rotator	\$747.00

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2/3/ 4/5	Second set of tool outlets at the platform	\$174.00

**Right Hand Single-Stick Platform Options**

1	FB-124	Closed 24x24x42, 1 step to Pedestal	Standard
	FB-127	Closed 24x24x42, 1 step to Rear	\$52.00
	FB-212	Closed 24x24x42, 1 step to Curb side	\$52.00
	FB-128	Closed 24x24x39, 1 step to Rear	\$52.00
	FB-134	Closed 24x24x39, 1 step to Pedestal	\$52.00
	FB-215	Closed 24x30x39, 1 step to Rear	\$205.00
	FB-211	Closed 24x30x42, 1 step to Curb Side	\$205.00
	FB-136	Closed 24x30x42, 1 step to Pedestal	\$205.00
	FB-129	Closed 24x30x42, 1 step to Rear	\$205.00
	FB-126	Closed 24x24x42, 2 steps, one to Pedestal & one to Rear	\$156.00
	FB-138	Closed 24x24x42, 2 steps to Rear	\$156.00
	FB-162	Closed 24x24x42, 2 steps to Pedestal	\$156.00
	FB-133	Closed 24x24x39, 2 steps one to Pedestal & one to Rear	\$308.00
	FB-188	Closed 24x30x42, 2 step One to Rear & One to Pedestal	\$308.00
	FB-150	Closed 24x30x42, 2 steps to Rear	\$308.00
	FB-159	Closed 24x24x42, Toespace 1 step to Pedestal	\$663.00
	FB-166	Closed 24x24x42 Toespace, 1 step to Rear	\$663.00
	Delete	Delete Standard Platform	-\$811.00

**Platform Accessories**

	CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
	CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
	LR-3	Platform liner 24x24x42 in.	\$392.00
	LR-5	Platform liner 24x30x42 in.	\$506.00
	LR-8	Platform liner 24x24x39 in.	\$392.00
	SA-17	Work tray w/ mounting	\$122.00
	TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
	TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00
	-	Fire retardant platform 24" SQ	\$719.00
	-	Fire retardant platform 24" X 30"	\$762.00
	FB-181	Handrail for platform 24" SQ	\$604.00

**Platform Capacities**

1	CA-1260-20	Manlift platform capacity of 450/1000 lbs.	Standard
	CA-1260-30	Manlift platform capacity of 300/1000 lbs.	\$ -

**Material Handling Option**

1	JW-1260-9	Manual extending , hydraulically articulating jib pole and winch	Standard
	JW-1260-8	Hydraulic extending and articulating jib pole and winch package for up to 1000 lbs.capacity. See specifications for platform variations with jib and winch. will accommodate LL-1200-1 line lifting option)	\$1,167.00

**Pedestal Options**

1	P-1260-8	Standard 46-1/4 in. tall pedestal	Standard
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$101.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$138.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -

**2 Speed Throttle Control Options**

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00

CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$470.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$654.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$355.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$681.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$660.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$530.00

#### Control Circuits

	CC-900	Control circuit from platform including air cylinder, air line and pressure switch (Requires 1 slip ring)	\$146.00
0	LT-1260-1/2/4	Lift throttle Insulated (required with 2-speed throttle control or priority flow control)	\$67.00
	EP-1260-11/13	Emergency 12V DC hydraulic system (Requires 1 slip ring)	\$772.00
1	SS-1260-1/5	Start/stop is standard (Requires 1 slip ring)	Standard
	SS-1260-6	Start/stop 24V DC (Requires 1 slip ring)	\$75.00
	Delete	Delete engine start/stop	(\$117.00)

#### Collector Ring Options

0	Not Avail.	Extra Slip Rings	Standard
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

#### Fiber-Optic and DC drive Options

0	HC-1250	Fiber optic system for actuating DC drive units. Provides fiber optic lines through boom including actuators and transceivers. Requires 3 slip rings	\$2,395.00
	HCT-1250		
	HS-1200-9	Single speed 48V DC drive system. Includes aluminum enclosures, motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	BY-1200-4		
	HS-1200-10	Single speed 48V DC drive system. Includes standard enclosure, motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
	BY-1200-4		
0	GK-1200-3	48V DC Battery Gauge	\$94.00
	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,240.00

#### Remote Radio Control transmitter/receiver for Start/stop, Emergency Pwr., Throttle

	RC-1260	Radio Control 12V Transmitter and Receiver	\$1,186.00
	RC-1200-1	Antenna for radio Control. Suggested for units 50 ft. and above	\$270.00

#### Misc. Options

	XXXXXXX	Extra operator's manual and service manual (in English)	\$92.00
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	BC-1200-6 SK-1200-1	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	BC-1200-4 SK-1200-1	Auto Boom Latch for mounting on outer boom Electrogard. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	OB-1260-17/18	Delete outer boom tip (Electrogard)	(\$819.00)
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
1	PS-922	Tubular rubber platform support 5 in. high	Standard
	PS-11	Tubular rubber platform support 23 in. high	-
	Delete	Delete Tubular rubber platform support	-
	RE-1200-1	External 30 gallon reservoir	\$729.00
	SD-18	Full body harness and lanyard (large) ARC Flash Rated	\$345.00
	SD-19	Full body harness and lanyard (extra-large) ARC Flash Rated	\$345.00
	-	Inner boom serial number tagging	\$117.00
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special Color Urethane (specify color code)	\$777.00
	Special	Special Color Extreme Climate Urethane (6 mils)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Mounting Hardware</b>			
1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe)	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe)	\$ -
	MH-1260-11	Mounting hardware for Dodge/Sterling 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
	Delete	Delete Pedestal mounting hardware	(\$163.00)
<b>Main Outriggers, (Include two control valves)</b>			
	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-37	Modified A-frame Knock Down	\$4,070.00
<b>Auxiliary Outriggers, (Include two control valves)</b>			
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
	OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,070.00
	OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$4,070.00
	OR-1400-36	Independent Narrow Modified A-frame 10 Degree Knock Down	\$4,070.00
	OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00
<b>Outrigger Valves &amp; Interlock</b>			
0	VK-1400-10	12 volt Outrigger/Bboom switch kit	\$365.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$367.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$367.00

VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$350.00
VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

1

**New Lift Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip:	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift T-30/34-N</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

T-30-N Non-Insulated 29 ft. 10 in. telescopic aerial platform lift, including the items listed

T-34-N Non-Insulated 33 ft. 10 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 350 lbs.
- 2 Platform mounted Unitrol single lever control including safety trigger, dump valve, and tool selector.
- 3 Hydraulic platform rotator.
- 4 Full pressure turret mounted lower controls with override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including one pass slip ring for start/stop system.
- 7 Six gpm open center hydraulic system at 3000 psi
- 8 Telescopic upper boom allows for low stowed platform.
- 9 Non-lube bearings used throughout.
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 12 Closed 24 in. X 24 in. X 42 in. fiberglass platform with one curbside step (In end hung position).
- 13 Master/slave hydraulic leveling with upper and lower control to tilt for cleanout or rescue.
- 14 Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support.
- 15 Mounting hardware (specify make/model and CA dimension).
- 16 PTO and pump
- 17 Standard white urethane paint.

- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 19 Two operator's manuals and two service manuals (in English).
- 20 ANSI A92.2 data plate.
- 21 Spring loaded bucket rest
- 22 Two Slope Indicators with decals.
- 23 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	T-30-N	Non-Insulated 29 ft. 10 in. telescopic aerial platform lift, including the items listed	\$32,541.00
	T-34-N	Non-Insulated 33 ft. 10 in. telescopic aerial platform lift, including the items listed	\$34,454.00

**Lower Control Options**

1	RO-1260-6	Lower controls on turret with standard rotary joint	Standard
	RO-1250-XX	Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal)	\$4,799.00
	RC-1250-XX	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,232.00
	RC-1250-XX	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,187.00

**Platform Support**

1	SC-1250-XX	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1250-XX	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings. Includes pressure limit.	Standard
	HP-1260-1/2//4	Second set of tool outlets at the platform	\$174.00

**Platform Wiring**

1	PW-1260-1/2	120 Volt Wiring Including GFCI receptacle at platform (requires 3 slip rings)	\$186.00
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**Right Hand Single-Stick Platform Options (descriptions in end hung position)**

1	FB-921	Closed 24x24x42, 1 step to curb side	Standard
	FB-169	Closed 24x24x42, 2 steps to curb side	\$156.00
	FB-967	Closed 24x24x42, 2 step 1 to rear and 1 step curb side	\$156.00
	FB-929	Closed 24x24x42 Toespace, 1 step to curb side	\$663.00
	FB-1001	Closed 24x30x39, 1 step to curb side	\$205.00
	FB-948	Closed 24x30x42, 1 step to curb side	\$205.00
	FB-1500-1	Closed 24x30x42 1 step to rear (opposite ribs)	\$205.00
	FB-852	Closed 24x30x42 2 steps to curb side	\$308.00
	FB-186	Closed 24x30x42 Toespace, 1 step to curb side	\$819.00
	FB-959	Closed 24x30x42 with Toespace 1 Step to curb side	\$819.00
	FB-987	Closed 24x30x42 Toespace, 1 step to rear (opposite ribs)	\$819.00
	FB-950	Closed 24x42x42 1 step to Curb side	\$375.00
	FB-856	Closed 24x42x42 2 steps to Curb side	\$478.00

FB-944	Closed 24x48x42 1 step to curb side (Not available with jib and winch)	\$523.00
FB-850	Closed 24x48x42 2 step to curb side (Not available with jib and winch)	\$627.00
FB-1520-1	Duckunder 24x24x42, open to curb side	\$52.00
FB-1520-3	Duckunder 24x42x42, open to curb side	\$375.00
FB-1520-5	Duckunder 24x30x42, open to curb side	\$205.00
FB-1510-1	Walk-in 24x42x42, open to curb side	\$375.00
FB-1510-3	Walk-in 24x30x42, open to curb side	\$205.00
FB-1510-4	Walk-in 24x24x42, open to curb side	\$52.00
FB-1510-5	Walk-in 24x24x42, open to rear (opposite ribs)	\$52.00
SA-1510-1	Walk-in 24x24x42, open to curb side, cavity towards rear (opposite ribs)	\$220.00
Delete	Delete Standard Platform	-\$811.00
AB-1510-1	Aluminum 36x60 walk-in platform (reduces maximum platform capacity by 100 lbs.). Includes door.	\$5,390.00
AB-1510-2	Aluminum 40x64 walk-in platform (reduces maximum platform capacity by 100 lbs.) Includes door.	\$5,660.00

#### Left Hand Single-Stick Platform Options (descriptions in end hung position)

		Standard
FB-924	Closed 24x24x42, 1 step to street side	\$52.00
FB-206	Closed 24x24x42, 2 steps to street side	\$156.00
FB-946	Closed 24x24x42, Toespace, 1 step to rear (opposite ribs)	\$663.00
FB-947	Closed 24x30x42, 1 step to street side	\$205.00
FB-986	Closed 24x30x42, 1 step to Rear	\$205.00
FB-853	Closed 24x30x42, 2 steps to street side	\$308.00
FB-989	Closed 24x30x42, with Toespace 1 to Street side	\$819.00
FB-949	Closed 24x42x42, 1 step to street side	\$375.00
FB-943	Closed 24x48x42, 1 step to street side (Not available with jib and winch)	\$523.00
FB-961	Closed 24x48x42, 2 steps to streetside (Not available with jib and winch)	\$627.00
FB-1520-2	Duckunder 24x42x42, open to street side	\$375.00
FB-1520-4	Duckunder 24x30x42, open to street side	\$205.00
FB-1510-2	Walk-in 24x42x42, open to street side	\$375.00
SA-1510-2	Walk-in 24x24x42 Toespace, open to street side	\$663.00

#### Platform Accessories

CB-2	Platform cover, nylon/vinyl, 24x24 in.	\$89.00
CB-7	Platform cover, nylon/vinyl, 24x30 in.	\$147.00
CB-8	Platform cover, nylon/vinyl, 24x42 in.	\$212.00
CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
CB-14	24 square Transparent tent & top	\$767.00
SA-1530-8	24 x 30 Transparent tent & top	\$871.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
SA-1530-3	Duck-Under door, L/H hinge	\$279.00
SA-1530-4	Duck-Under door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

#### Platform Capacities

		Standard
1	CA-857	Manlift Platform Capacity 600lbs. (Not available with aluminum platform).
	CA-852	Manlift platform capacity of 500 lbs.
	CA-853	Manlift platform capacity of 350 lbs.
	CA-901	Manlift platform capacity of 400 lbs.
	CA-1250-XX	Std. jib capacity of 300/400P lbs., 1000J lbs.
	CA-1250-XX	Jib Capacity Indicator Installation (400/500P, 1000J)lbs.
	CA-1250-XX	Jib Capacity Indicator Installation (500/600P, 1000J)lbs. (Not available with aluminum platform)

#### Material Handling Option

JW-1270-13	Manual Jib pole and winch package for up to 1000 lbs. capacity. See specifications for platform variations with jib and winch.	\$3,741.00
JW-1270-2	Hydraulic articulating and extending jib pole and winch package for up to 1000lbs. capacity. See specifications for platform variations with jib and winch.	\$6,372.00
JW-1270-15	Hydraulic articulating dual arm jib and winch package for up to 1000lbs. capacity. See specifications for platform variations with jib and winch.	\$6,989.00
CA/IB/SC-XX	Jib and winch prep package for hydraulic jib	\$1,661.00
CA/IB/SC-XX	Jib and winch prep package for manual jib	\$1,570.00
CB-18	Jib socket cover	\$10.00

#### Pedestal Options

1	P-1260-8	Standard 46-1/4 in. tall pedestal	
	P-1260-9	Taller pedestal for 6 in. additional clearance. 52-1/4 in. tall pedestal	\$132.00
	P-1260-10	Taller pedestal for 12 in. additional clearance. 58-1/4 in. tall pedestal	\$132.00
	P-1260-11	Taller pedestal for 18 in. additional clearance. 64-1/4 in. tall pedestal	\$132.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -

#### Priority Flow Control Options

CT-1400-1/3	Chassis Throttle Control with Priority Flow Control	\$516.00
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#### 2 Speed Throttle Control Options

CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$470.00
CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$654.00
CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$355.00

#### Auto Throttle Control Options

CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$681.00
CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$660.00
CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$530.00

#### Control Circuits

	EP-1260-9/13	Emergency Power Non-Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$772.00
0	LT-1260-1/2/3	Lift throttle Non-Insulated (required with 2-speed throttle control or priority flow control)	\$30.00
1	SS-1260-1/3	Start/stop 12V DC is standard (Requires 2 slip ring)	Standard
	Delete	Delete engine start/stop	(\$62.00)
	61006-2	Extra 19 wire cable for electrical control circuit	\$230.00

#### Collector Ring Options

	Not Avail.	Extra Slip Rings required	-
0	28457-1	Collector ring, 1-pass	\$168.00
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00

0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

0	HC-NEW	Actuation system for DC drive units. For lifts without tool power. Provides wires through boom including actuators and transceivers. Requires 3 slip rings.	\$658.00
	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
0	GK-1200-3	48V DC Battery Gauge	\$94.00
	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,332.00

**Misc. Options**

	39018/39019	Extra operator's manual and service manual (in English)	\$92.00
	BC-1200-6	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	SK-1200-1		
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
1	PS-922	Platform rest/support	
	Delete	Delete platform support	(\$25.00)
	RE-1200-1	External 30 gallon reservoir	\$729.00
	SD-1200-11	Body belt and 24 Inch lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1400-49	Full body harness and lanyard (Extra-large)	\$205.00

**Paint Options**

1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available

**Mounting Hardware**

1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe)	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe)	\$ -
	MH-1260-11	Mounting hardware for Dodge/Sterling 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
	Delete	Delete Pedestal mounting hardware	(\$163.00)

**Main Outriggers, (Include control valves and a selector)**

	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-37	Modified A-frame Knock Down	\$4,070.00

**Auxiliary Outriggers, (Include control valves and a selector)**

OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,070.00
OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$4,070.00
OR-1400-36	Narrow 10 Degree Knock Down	\$4,070.00
OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00

**Outrigger Valves & Interlock**

0	VK-1400-10	12 volt Outrigger/Boom switch kit	\$365.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$367.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$367.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$350.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**New Lift Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift T-33/37-TN</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

Use this section to offer options. Add lines as needed

<b>CVI Inspection</b>	

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$</b>	<b>115.00</b>
Body Shop Rate	<b>\$</b>	<b>115.00</b>

#### Description

T-33-TN non-Insulated 33 ft. 2 in. telescopic aerial platform lift, including the items listed

T-37-TN non-Insulated 37 ft. 2 in. telescopic aerial platform lift, including the items listed

- 1 Standard platform capacity of 500 lbs.
- 2 Platform mounted Unitrol single lever control, including safety trigger and emergency stop/dump valve selector.
- 3 180 degree hydraulic platform rotator.
- 4 Full pressure turret mounted lower controls including override.
- 5 Engine start/stop from platform and lower controls.
- 6 Continuous rotation including three slip rings (start/stop system requires 2 slip rings).
- 7 Six gpm (22.7 lpm) open center hydraulic system at 3000 psi
- 8 Telescopic upper boom allows for low stowed platform.
- 9 Non-lube bearings used throughout.
- 10 One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended). Includes adjustable pressure limit.
- 11 Integral hydraulic oil reservoir with dual sight gauges and 17 gallon capacity. Bottom suction with a gate valve is provided.
- 12 Steel 36 in. X 60 in. X 43 in platform with duck under opening for easy access.
- 13 Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
- 14 Upper boom storage cradle with ratchet type tie down strap.
- 15 Mounting hardware (specify make/model and CA dimension). VST-50 and VST-55 require subframe.

- 16 PTO and pump
- 17 Standard white urethane paint.
- 18 Safety belt, lanyard, or harness not included. Consult local laws and work practices for requirements. See miscellaneous options.
- 19 Two operator's manuals and two service manuals (in English).
- 20 ANSI A92.2-1990 data plate.
- 21 Spring loaded bucket rest
- 22 Two Slope Indicators with decals.
- 23 Standard installation of aerial and body

For Recommended chassis see specifications

**STANDARD OPTIONS:** The options listed are available at standard lead times at the prices shown. Any options not listed are Special Options and consultation with the factory for price and possible extended delivery is required.

1	T-33-TN	Non-Insulated 33 ft. 2 in. telescopic aerial platform lift, including the items listed	\$38,030.00
	T-37-TN	Non-Insulated 37 ft. 2 in. telescopic aerial platform lift, including the items listed	\$41,403.00

**Lower Control Options**

1	RO-1260-1/2/3/4	Lower controls on turret with standard rotary joint	Standard
	RO-1250-XX	Fully hydraulic controls below rotation, shipped loose less hoses (Requires 58 Inch tall Pedestal)	\$4,799.00
	RC-1250-XX	Electric/hydraulic lower controls with Hand Held Remote (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,232.00
	RC-1250-XX	Electric/hydraulic lower controls with Remote Control Box (Requires 52 Inch tall Pedestal & 20 Pass collector Ring)	\$2,187.00

**Platform Support**

1	SC-1250-1/2/3/4	Right hand single-stick controls platform support including 180 degree platform rotator	Standard
	SC-1250-XX	Left hand single-stick controls platform support including 180 degree platform rotator	\$ -

**Platform Tools**

1	Standard	One set of hydraulic tool outlets at platform without quick disconnect fittings (throttle control recommended)	Standard
	HP-1250-XX	Second set of tool outlets at the platform	\$174.00
1	PW-1260-XX	120 Volt Wiring Including GFCI receptacle at platform (requires 3 slip rings)	\$186.00

**Right Hand Single-Stick Platform Options**

1	SB-1520-2	Steel 36 in. X 60 in. X 43 in. platform with duck under opening	Standard
	FB-1510-13	Fiberglass 24 in. x 30 in. x 42 in. walk-in platform (not available with jib)	-\$709.00
	FB-1510-14	Fiberglass 24 in. x 42 in. x 42 in. walk-in platform (not available with jib)	-\$351.00
	FB-1510-36	Fiberglass 24 in. x 48 in. x 42 in. walk-in platform (not available with jib)	\$618.00
	Delete	Delete standard platform	-\$1,159.00

**Platform Accessories**

CB-6	Platform cover, nylon/vinyl, 24x48 in.	\$228.00
SA-17	Work tray w/ mounting	\$122.00
SA-1530-1	Walk-In door, L/H hinge	\$279.00
SA-1530-2	Walk-In door, R/H hinge	\$279.00
TO-2	Polyethylene tool tray 8x19x 8 in.	\$186.00
TO-3	Polyethylene tool tray 7x15x17 in.	\$220.00

**Platform Capacities**

1	CA-1260-23	Manlift platform capacity of 500 lbs.	Standard
	CA-1260-24	Max. platform capacity of 500 lbs Note: Jib load deducts from platform capacity	\$ -

**Material Handling Option**

	JW-1260-6	Jib and winch package for up to 200 lbs. capacity. Available with Steel platform only.	\$3,115.00
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**Pedestal Options**

1	P-1260-8	46-1/4 in. Tall Pedestal	Standard
	P-1260-9	6 Inch Taller 52-1/4 in. Pedestal	\$101.00
	P-1260-10	12 Inch Taller 58-1/4 in. Pedestal	\$138.00
	P-1260-11	18 Inch Taller 64-1/4 in. Pedestal	\$184.00
	P-1260-14	Shorter pedestal for 6 in. less clearance. 40-1/4 in. tall pedestal. Verify cab clearance.	\$ -

**2 Speed Throttle Control Options**

	CT-1400-31	Throttle Ctl Cummins/Cat Man 2 Speed (PTO or Belt drive)	\$600.00
	CT-5	Chassis Throttle Control 12V for Non US Trucks	\$850.00
	CT-12/13	Intl. chassis. No CT option is required if chassis is ordered with 60AJG Remote Engine control option	\$522.00
	CT-1400-13	2005 + Ford F350/450/550 Gas Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$470.00
	CT-1400-39	2011 + Ford F350/450/550 DSL Man 2 SPD Throttle (Auto Trans) idle/1200 rpm	\$654.00
	CT-1400-52	2014+ Dodge Gas or Diesel Man 2 SPD Throttle (Auto Trans) 900+/900+ rpm	\$355.00

**Auto Throttle Control Options**

	CT-1400-30	Chassis Throttle CTRL Cummins/Cat Auto Throttle	\$600.00
	CT-1400-12	2005 + Ford F350/450/550 Gas (Auto Trans) idle/1200 rpm. Auto throttle	\$681.00
	CT-1400-38	2011 + Ford F350/450/550 DSL (Auto Trans) idle/1200 rpm. Auto throttle	\$660.00
	CT-1400-53	Chassis Throttle 2016+ Dodge Gas/Diesel Auto Throttle.	\$530.00

**Control Circuits**

	EP-1260-9/13	Emergency Power Non-Insulated 12V DC hydraulic system (Requires 1 slip ring)	\$772.00
0	LT-1260-1/2/3	Lift throttle Non-Insulated (included with throttle control)	\$67.00
1	SS-1260-1/3	Start/stop 12V DC is standard (Requires 2 slip rings)	Standard
	Delete	Delete engine start/stop	(\$62.00)

**Collector Ring Options**

		Extra Ring Slip required	\$ -
0	28457-2	Collector ring, 3-pass	\$237.00
0	28457-3	Collector ring, 5-pass	\$280.00
0	28457-4	Collector ring, 7-pass	\$332.00
0	4382-5	Collector ring, 10-pass	\$408.00
0	4382-6	Collector ring, 20-pass	\$958.00

**Fiber-Optic and DC drive Options**

0	HC/HCT-NEW	Actuation system for DC drive units. For lifts without tool power. Provides wires through boom including actuators and transceivers. Requires 3 slip rings.	\$658.00
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	HS-1200-9 BY-1200-4	Single speed 48V DC drive system. Includes aluminum enclosures, DC motor, 6 gpm gear pump, 4 AGM (Absorbed Glass Mat) 215 Ah maintenance free batteries and 120V AC to 48V DC charger (20 amp).	\$11,635.00
	HS-1200-10 BY-1200-4	Single speed 48V DC drive system. Includes standard enclosure, DC motor, 6 gpm gear pump and 120V AC to 48V DC charger (20 amp). Does NOT include batteries.	\$8,438.00
0	GK-1200-3	48V DC Battery Gauge	\$94.00
	BY-1200-5	12V DC to 48V DC Charger (40 amp)	\$2,435.00
	EC-1200-3	Auto Start Module (auto engine start)- Requires 12V DC to 48V Battery Charger.	\$1,240.00
<b>Misc. Options</b>			
	XXXXXXXXX	Extra operator's manual and service manual (in English)	\$92.00
	BC-1200-6	Auto Boom Latch for mounting on outer boom steel. The rotary auto boom latch works off the lift hydraulic pressure to open and close. Hoses not included.	\$1,100.00
	SK-1200-1		
	HC-1200-1	Hydraulic tool valve for ground controls	\$76.00
	HC-1200-2	Hydraulic tool power valve for ground controls, including pressure limit (without quick disconnects)	\$295.00
	HC-1200-4	Hydraulic tool power valve for ground controls, including pressure and flow limit (w/o quick disconnects)	\$361.00
	RE-1200-1	External 30 gallon reservoir	\$729.00
	SD-1200-11	Body belt and 24 Inch lanyard	\$103.00
	SD-1200-48	Full body harness and lanyard	\$205.00
	SD-1200-49	Full body harness and lanyard (Extra-large)	\$205.00
	61006-2	Extra 19 wire cable for electrical control circuit	\$230.00
<b>Paint Options</b>			
1	Std. White	Standard white urethane	Standard
	6 mil Std. White Urethane	Standard White Extreme Climate Urethane (6mils)	\$634.00
	6 mil Urethane	Special color urethane (specify color code)	\$777.00
	Special	Extreme Climate 6 mil Special color urethane (specify color code)	\$1,555.00
	Not Available	Special red, chrome colors, or Imron 5000	Consult Factory
		Base coat/clear coat. Metallic.	Not Available
<b>Mounting Hardware</b>			
1	MH-1260-7	Mounting hardware for pedestal mounted outrigger. 19,500 GVWR or above (34-1/2 in. ship loose subframe)	Standard
	MH-1260-9	Mounting hardware for Outriggers between the cab and body. 19,500 GVWR or above (34-1/2 ship loose subframe)	\$ -
	MH-1260-11	Mounting hardware for Dodge/Sterling 5500 or F-550 w/17,950 GVWR (93-1/2 in. ship loose subframe)	\$490.00
<b>Main Outriggers, (Include control valves)</b>			
	OR-1400-28	Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-29	Modified A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-37	Modified A-frame Knock Down	\$4,070.00
<b>Auxiliary Outriggers, (Include control valves)</b>			
	OR-1400-16	H-Frame 4X6 Cross Tube 30-42 Inch Frame Height	\$4,070.00
	OR-1400-4	Independent Modified A-Frame 36-40 Inch Frame Height	\$4,070.00
	OR-1400-5	Independent Narrow Modified A-Frame 10 Degree 36-40 Inch Frame Height	\$4,070.00
	OR-1400-42	Independent Narrow Modified A-Frame 10 Degree 30-35 Inch Frame Height	\$4,070.00
	OR-1400-36	Independent Narrow Modified A-frame 10 Degree Knock Down	\$4,070.00
	OR-1400-1	Modified-A-Frame 30-35 Inch Frame Height	\$4,070.00
	OR-1400-3	Knock Down Modified-A-Frame	\$4,070.00

**Outrigger Valves & Interlock**

0	VK-1400-10	12 volt Outrigger/Boom switch kit	\$365.00
0	VK-1400-5/6/7/8	Outrigger switch kit for main outriggers	\$367.00
0	VK-1400-5/6/7/8	Outrigger switch kit for auxiliary outriggers	\$367.00
	VK-1400-14	Outrigger valves with integral microswitches (energized when control handle is activated) dual set	\$350.00
	VK-1400-15	Outrigger valves with integral microswitches (energized when control handle is activated) single set	\$156.00

**New Lift Extended Warranty**

EXT-WAR+1	1 Year Extended warranty (2 Year Total Coverage)	\$2,060.00
EXT-WAR+2	2 Year Extended warranty (3 Year Total Coverage)	\$4,120.00

## 9.0 Aerial Units

Vendor Name:	<b>ABM Equipment &amp; Supply, LLC.</b>
Contact Person:	<b>Will Harris</b>
Street Address:	<b>333 2nd Street NE</b>
P.O. Box:	
City, State, Zip	<b>Hopkins, MN 55343</b>
Phone #:	<b>952-938-5451</b>
Toll Free #:	<b>800-229-5451</b>
Fax #:	<b>952-938-0159</b>
Email Address:	<b>Willh@abmequip.com</b>
Website:	<b>www.abmequip.com</b>
Version of Excel used:	<b>2010</b>

### 9.0 Aerial Units

Make	<b>Versalift</b>
Warranty	<b>One (1) Year</b>
Date & I.D. of Price List	<b>Dealer Price List 8/1/19</b>
Discount to be applied to Price List (see note below)	<b>0.00%</b>

#### Options

**CVI Inspection**

#### Delivery

Delivery Starting Point Address	<b>333 2nd Street NE, Hopkins, MN 55343</b>
Price per loaded mile for delivery	<b>2.75/mile</b>
Delivery Time Frame in calendar days ARO	

#### Shop Rates

Shop Rate for Mechanical work	<b>\$ 115.00</b>
Body Shop Rate	<b>\$ 115.00</b>

#### Description

#### MISCELLANEOUS OPTIONS FOR AERIALS:

- PTO/Pump for gas engine - add	<b>\$260.00</b>
- Tandem pump in lieu of single section less than 8 GPM	<b>\$1,000.00</b>
- Tandem pump in lieu of single section over 8 GPM	<b>\$1,500.00</b>
- Expanded metal cab guard for small chassis, painted black	<b>\$2,750.00</b>
- Expanded metal cab guard for large chassis, painted black	<b>\$3,300.00</b>
- Access ladder to cab guard	<b>\$350.00</b>
- Strobe on rear of pedestal	<b>\$270.00</b>
- Glad hands at rear of truck	<b>\$220.00</b>
- Sprign rewind grounding reel with 50' of 2 GA cable w/clamp and ferrule	<b>\$1,080.00</b>
- Stainless steel grounding lug	<b>\$65.00</b>
- Box/Switch at rear for 2 speed / start-stop	<b>\$120.00</b>
- Front bumper cone holder with bracing	<b>\$310.00</b>
- 12V tank heater	<b>\$240.00</b>
- Hour meter	<b>\$66.00</b>
- Hydraulic tool circuit at rear with HTMA couplers	<b>\$715.00</b>
- Sauber breakaway step	<b>\$305.00</b>
- Possem belly storage with drop down door	<b>\$1,850.00</b>
- Block tubes for possem belly storage	<b>\$43.00</b>
- Add Super Springs to chassis (per side/per axle)	<b>\$470.00</b>
- Overcenter style boom rest	<b>\$135.00</b>
- Aluminum outrigger pad (24" x 24")	<b>\$315.00</b>

- Poly outrigger pad (24" x 24")	\$165.00
- Wood outrigger pad (24" x 24")	\$90.00
- Triangle reflector kit	\$35.00
- Wheel chock - Rubber	\$35.00
- Wheel chock - Aluminum	\$100.00
- Tool tray for bucket (19" x 8" x 8")	\$110.00
- Aluminum box 12" H x 20" W x 130" L with two lift up doors with gas props	\$1,650.00
- Full length ladder box 8" H x 20" W x 132" L with rear roller	\$1,030.00
- Aluminum box 16" H x 20" W x 132" L with lift up doors and gas props (doors lift up from the side)	\$1,695.00
- Aluminum box 12" H x 20" W x 72" L with lift up doors with gas props	\$1,285.00
- Aluminum chain saw box 15" H x 20" W x 32" L with lift up door with gas props	\$630.00
- Aluminum box 10" H x 20" W x 66" L with top opening lid with gas prop	\$900.00
- Aluminum box 16" H x 20" W x 120" L with drop down doors and a drop down rear door	\$1,850.00
- Aluminum rubber goods box 20" W x 12" H x 64" L with top opening lid with gas props and 2 drawite style hasp. Scorpion lined on inside.	\$1,200.00
- Eliminate compartment and install recessed aluminum gripstrut walk-up with chain storage box and two (2) grab handles	\$900.00
- 12' flatbed to include 1/8" safety tread steel floor with non-slip surface	\$3,018.00
- 14' flatbed to include 1/8" safety tread steel floor with non-slip surface	\$3,310.00
- 16' flatbed to include 1/8" safety tread steel floor with non-slip surface	\$3,600.00
- 18' flatbed to include 1/8" safety tread steel floor with non-slip surface	\$3,900.00
- Furnish and install two (2) rope ballards and reinforce to understructure	\$315.00
- Flatbed access: ladder type steps on curb side of flatbed directly behind rear outrigger with pool type grab rails	\$460.00

Steel Saddle Pack Compartment for Flatbed:

- 48" H x 48" W x 20" D mounted ahead of the flatbed, with vertical divider at center	
- Transverse storage at front half with one (1) shelf spaced evenly in transverse	
- Fabricate 1" rail 4" high around perimeter of transverse compartment	
- Rear compartments to have five (5) hooks (1-3-1) each side of compartment	
- Finish paint gloss black	\$7,215.00

Steel Vertical Compartment for Flatbed:

- 28" long x 52" high x 96" wide ahead of transverse with transverse storage	
- One (1) shelf spaced evenly in transverse	
- Six (6) hooks (3-0-3) each side of compartment	
- Finish paint gloss black	\$5,925.00

Arbortech Chip Box

**121" or 146" L** x 60" H x 96" W chip box with or without box cutout including:

- Curb side interior ladder box with pruner shelf and rear door	
- 24" H swing to side tailgate	
- 5" H long sills	
- LED light package	
- Mud flaps	
- Coal tar interior	
- Undercoated	
- Prime and painted white in color	
- Subframe hoist with 5" cylinder / curbside controls	
- Rear window screen	
- Access step assy for deck to cab guard with grab rail	
- Two (2) outrigger pad holders to fit 24" x 24" x 3" customer supplied pads	
- Square tube cab guard with HD formed front bumper for regular cab chassis with horizontal exhaust	
- HD formed front bumper for IHC 7000 series chassis	

- Two (2) wheel chock holders installed behind rear mud flaps
- 24" W "I" - shaped tool box
- Adjustable shelves and eight rope hooks
- Locking doors with door seal and security rods
- White in color
- Backup alarm
- Electric trailer brake control
- Two (2) 360 degree flashing lights installed under cab guard
- 6 round and 7 spade (RV) trailer plug
- REF: 215966 picoting cone holder for front bumper
- Tow package with 2 1/2" receiver tube, 84" ICC underride, 12,000 lbs capacity with 2-5/16" ball/pintle combo
- Finish paint exteriors of chip box and tool box white in color
- Adapter plate for Versalift supplied boom crotch installed on top of rear of chip box cross tube

INSTALLED PRICE    \$30,000.00

NOTE: Price is based on chassis being drop shipped to Arbortech factory. Additional charge will apply if this is not the case

Additional charges will apply to relocate battery boxes, air tanks, etc. on customer supplied chassis