

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS
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Vendor Name:	Crysteel Truck Equipment-Fridley
Contact Person:	Josh Taylor
Street Address:	1130 73rd Avenue NE
City, State, Zip:	Fridley, MN 55432
Phone #:	(763) 571-1902
Toll Free #:	1-800-795-1280
Fax #:	(763) 571-5091
Email Address:	jtaylor@crysteeltruck.com

Vendor Name:	Crysteel Truck Equipment-Lake Crystal
Contact Person:	Bob Chicos & Josh Miller
Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Force Add-A-Stack LS Manual w/ electric spreader control
	Cab Controls Description	Cable Control
	Sander Control Description	Electric 5100EX Spreader Controller
	Pump Drive Description	Front Drive
	Pump Type	LS Piston
	Valve Description	V40/ V20 manual
	Number and Type Functions	Seven
	Type of Valve Actuation	Cable control
	Reservoir Size	30 gallon LS Slim Line
	Fluid Type	ATF or Std Hyd
	Filter Style	In Tank
	Valve Enclosure	7 valve enclosure
	Hose Recommendation	2 wire 1/2"
	Warranty Information	2 years parts and labor
	Volume Discounts	N/A
	TOTAL PRICE: \$9,070.94	

	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing, hardware, labor, etc.	\$4,034.05

Hydraulic Options	
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	Note: You need to select reservoir and filter add-on from Hydraulic add-on page to get complete pricing	
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	Note: All items listed below include installation	
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9.2	Add for 5100EX Granular closed loop Feed Back	\$1,104.92
9.3	Add for 5100EX Elec. Pre wet (No Feedback or Flow meter included)	\$600.73
9.4	Add for 5100EX Prewet Closed loop feed back cable only	\$361.58
9.5	Add for Gravity Prewet Harness	\$239.03
9.6	Adder for Extra Valve Section	\$323.82
9.7	Add for V40 Pup Section	\$898.23
9.8	Add for Port Relief	\$70.03
9.9	Add for Extra cable assembly	\$198.82
9.10	Add for high pressure filter w/ indicator	\$554.38
9.11	Add for wing loc valve	\$169.23
9.12	Add for low oil/temp indicator w/ light	\$260.68
9.13	Adder for Oilgear FASD45-HP-L-CS 6.00 CID Load Sense Pump. (5000 PSI)	\$275.44
9.14	Adder for Oilgear FASD60-HP-L-CS 7.94 CID Load Sense Pump. (3750 PSI)	\$816.98
9.15	Add for 287 Constant Mesh PTO & Force TXV92 5.6 CID pump	\$1,358.52
9.16	Add for 287 Constant Mesh PTO & Force TXV120 7.3 CID pump	\$1,825.36
9.17	Add for 280 Hot Shift PTO & Force TXV92 5.6 CID pump	\$1,586.10
9.18	Add for 280 Hot Shift PTO & Force TXV120 7.3 CID pump	\$2,052.95
9.19	Add for 897 Constant Mesh Extended Shaft PTO w/ TXV92 5.6 CID pump	\$2,910.78
9.20	Add for 897 Constant Mesh Extended Shaft PTO w/ TXV120 7.3 CID pump	\$3,377.62
9.21	Add for 890 Hot Shift w/ Extended Shaft PTO and TXV92 5.6 CID Pump	\$3,124.36
9.22	Add for 890 Hot Shift w/ Extended Shaft PTO and TXV120 7.3 CID Pump	\$3,591.20
9.23	Add for Cable pull-off valve	\$425.66
9.24	Adder for DS-04-20 Manual double selector valve	\$348.05
9.25	Add for Prewet section	\$749.59
9.26	Adder for C10964 electric double selector valve	\$647.52
9.27	Add for 3 button control blast, standby & air trip	\$460.67
9.28	Add for C10038-E Return line Manifold	\$306.61
9.29	Add for C10190 Pressure release valve	\$303.22
9.30	Add for 12V Pump shut off Valve	\$672.03
9.31	Add for 2 ported 1/2" Stucchi coupler	\$814.42
9.32	Add for 2 ported parking station	\$253.15
9.33	Add for 4 ported 1/2" Stucchi coupler	\$1,216.43
9.34	Add for 4 ported parking station	\$254.32
9.35	Add for 6 ported 1/2" Stucchi coupler	\$1,940.57
9.36	Add for 6 ported parking station	\$227.47
9.37	Add for U-2 Accumulator Kit	\$1,288.87
9.38	Add for Auto Reverse Scraper Lift Kit	\$691.01
9.39	Add for power float control valve	\$831.29
9.40	Add for Wired PreCise ARC Temp Sensor	\$811.14
9.41	Add for Wireless PreCise ARC Temp Sensor	\$671.09
9.42	Add for optional ARC sensor mount	\$33.85
9.43	Deduct for Dual Axis cable Controller in lieu of two single axis controls	(\$1.45)
9.44	Deduct for Eaton 421AK-L-CFG 4.88 CID Pump	(\$801.81)
9.45	Deduct for High Pressure 5.98 CID Load Sense Pump (4500 PSI)	(\$247.43)
9.46	Add for Diamondback Abrasion Protection Sleeve for 1/2" nose(PER FOOT)TEXS27	\$0.79
9.47	Add for Diamondback Abrasion Protection Sleeve for 3/4" nose(PER FOOT)TEXS36	\$0.90

9.48	Add for Diamondback Abrasion Protection Sleeve for 1" hose(PER FOOT)TEXS44	\$1.02
9.49	Add for Diamondback Abrasion Protection Sleeve for 2" hose(PER FOOT)TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Friday, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

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Vendor Name:	Crysteel Truck Equipment-Lake Crystal
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City, State, Zip:	Lake Crystal, MN 56055
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Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Force America LS Ultra System number 135491
	Cab Controls Description	Electronic 3 stick proportional
	Sander Control Description	Electric 5100Ex
	Pump Drive Description	Front Drive
	Pump Type	Piston LS
	Valve Description	Proportional Electric
	Number and Type Functions	Seven
	Type of Valve Actuation	Electric
	Reservoir Size	Must select
	Fluid Type	Std Hydraulic or ATF
	Filter Style	Must select
	Valve Enclosure	Must select
	Hose Recommendation	2 wire 1/2"
	Warranty Information	2 years parts and labor
	Volume Discounts	N/A
	TOTAL PRICE: \$18,392.50	

	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing, hardware, labor, etc.	\$4,261.30

Hydraulic Options

Note: You need to select reservoir and filter add-on from Hydraulic add-on page to get complete pricing

9.2	Add for Seat Mount Option	\$347.35
9.3	Add for Floor Mount Option	\$606.45
9.4	Add for Bolt on Switch Box	\$1,440.93
9.5	Add to Upgrade to a 4 Stick Ultra Control	\$805.31
9.6	Add to Upgrade to a 5 Stick Ultra Control	\$1,984.09
9.7	Add for Harnessing for Auger Reverse and Dual Spinners	\$656.22
9.8	Add for Gravity Prewet Harness	\$239.03
9.9	Add for Optional LCD Display mounting Bracket	\$87.53
9.10	Add for Optional Allison Transmission Box	\$145.89
9.11	Add for Granular Feedback	\$1,104.92
9.12	Add for Electric Prewet for 5100EX (Module Only)	\$524.98
9.13	Add for Prewet Closed Loop Feedback Cable for 5100EX	\$210.08
9.14	Add for Extra Valve Section	\$843.18
9.15	Add to Upgrade Valve for 4250 PSI Hooklift (Includes Jib)	\$1,650.90
9.16	Add for Work Port Reliefs	\$347.80
9.17	Add for Pup Valve Section	\$1,405.92
9.18	Add for Double acting plow float	\$437.67
9.19	Add for internal single counterbalance valve	\$274.27
9.20	Add for Wing Loc Valve	\$244.98
9.21	Add for Cable Pull off Valve	\$425.66
9.22	Add for high pressure filter w/ indicator	\$554.38
9.23	Add for Oilgear FASD45-HP-L-CS 6.00 CID Load Sense Pump. (5000 PSI)	\$275.44
9.24	Add for Oilgear FASD60-HP-L-CS 7.94 CID Load Sense Pump. (3750 PSI)	\$816.98
9.25	Deduct for Eaton 421AK-L-CFG 4.88 CID Pump	(\$801.81)
9.26	Deduct for High pressure 5.98 CID Load Sense Pump (4500 PSI)	(\$247.43)
9.27	Add for 287 Constant Mesh PTO & Force 1XV92 5.6 CID pump	\$1,358.52
9.28	Add for 287 Constant Mesh PTO & Force 1XV120 7.3 CID pump	\$1,825.36
9.29	Add for Hot Shift 280 PTO w/Force 1XV92 5.6 CID pump	\$1,586.10
9.30	Add for Hot Shift 280 PTO w/Force 1XV120 7.3 CID pump	\$2,052.95
9.31	Add for 897 constant mesh Extended shaft PTO w/ 1XV92 5.6 CID Pump	\$2,910.78
9.32	Add for 897 constant mesh Extended shaft PTO w/ 1XV120 7.3 CID Pump	\$3,377.62
9.33	Add for 890 Hot Shift w/extended shaft and 1XV92 5.6 CID pump	\$3,124.36
9.34	Add for 890 Hot Shift w/extended shaft and 1XV92 7.3 CID pump	\$3,591.20
9.35	Add for DS-04-20 Manual Double Selector Valve	\$348.05
9.36	Adder for CT0964 Electric Double Selector Valve	\$723.27
9.37	Add for CT0038-E Return Line Manifold	\$306.61
9.38	Add for CT0190 Pressure Release Valve	\$151.72
9.39	Add for 12V Pump shutdown with Override Switch in lieu of HP Ball Valve	\$742.06
9.40	Add for 2 Ported 1/2" Stucchi Multi Coupler Plate (42Z04080801C)	\$814.42
9.41	Add for 2 Ported Parking Station (815606271)	\$253.15
9.42	Add for 4 Ported 1/2" Stucchi Multi Coupler Plate (42Z06080801C)	\$1,216.43
9.43	Add for 4 Ported Parking Station (815606283)	\$254.32
9.44	Add for 6 Ported 1/2" Stucchi Multi Coupler Plate (43Z06080801C)	\$1,940.57
9.45	Add for 6 Ported Parking Station (815606257)	\$227.47
9.46	Add for LCD to read Scraper Pressure	\$496.02
9.47	Add for Auto-Reverse Scraper Lift Kit	\$691.01
9.48	Add for U-2 Accumulator System	\$1,288.87
9.49	Add for Proximity Switch for Hoist Limit	\$312.03
9.50	Add for Integrated Power Float Valve (C10812)	\$875.33
9.51	Add for ARC Wired Temp Sensor	\$1,000.52

9.52	Add for ARC Wireless Temp Sensor	\$746.84
9.53	Add for optional ARC sensor mount	\$33.85
9.54	Add for Diamondback Abrasion Protection Sleeve for 1/2" hose(PER FOOT)TEXS27	\$0.79
9.55	Add for Diamondback Abrasion Protection Sleeve for 3/4" hose(PER FOOT)TEXS36	\$0.90
9.56	Add for Diamondback Abrasion Protection Sleeve for 1" hose(PER FOOT)TEXS44	\$1.02
9.57	Add for Diamondback Abrasion Protection Sleeve for 2" hose(PER FOOT)TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Fridley, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

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Vendor Name:	Crysteel Truck Equipment-Lake Crystal
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Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Force America LS Ultra System number 135492

	Cab Controls Description	Electronic
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	Sander Control Description	Electric MPJC6100-3-Can
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	Pump Drive Description	Front Drive
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	Pump Type	Piston LS
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	Valve Description	Proportional Electric
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	Number and Type Functions	Seven
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	Type of Valve Actuation	Electric
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	Reservoir Size	Must select
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	Fluid Type	Std Hydraulic or ATF
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	Filter Style	Must select
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	Valve Enclosure	Yes
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	Hose Recommendation	2 wire 1/2"
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	Warranty Information	2 years parts and labor
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	Volume Discounts	N/A
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TOTAL PRICE:		\$19,532.77
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	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing, hardware, labor, etc.	\$4,261.30

Hydraulic Options

Note: You need to select reservoir and filter add-on from Hydraulic add-on page to get complete pricing

9.2	Add for Seat Mount Option	\$347.35
9.3	Add for Floor Mount Option	\$606.45
9.4	Add for Bolt On Switch Box	\$1,440.93
9.5	Add to Upgrade to a 4 Stick Ultra Control	\$466.84
9.6	Add to Upgrade to a 5 Stick Ultra Control	\$1,925.73
9.7	Add for Force America Single Stick Control	\$1,225.47
9.8	Add for Extra Valve Module. Required after 20 valve outputs	\$1,429.71
9.9	Adder for Extra Valve Section	\$843.18
9.10	Add to Upgrade Valve for 4250 PSI Hooklift (Includes the Jib Section)	\$1,272.15
9.11	Add for Work Port Reliefs	\$347.80
9.12	Add for Pup Valve Section	\$1,405.92
9.13	Add for Double Acting Plow Float	\$437.67
9.14	Add for Internal Counterbalance Valve (Postless Wing)	\$274.27
9.15	Add for Wing Loc Valve	\$244.98
9.16	Add for Cable Pull off Valve	\$425.66
9.17	Add for High Pressure Filter w/ Indicator	\$554.38
9.18	Add for Oilgear FASD45-HP-L-CS 6.00 CID Load Sense Pump. (5000 PSI)	\$275.44
9.19	Add for Oilgear FASD60-HP-L-CS 7.94 CID Load Sense Pump. (3750 PSI)	\$816.98
9.20	Deduct for Eaton 421AK-L-CFG 4.88 CID Pump	(\$801.81)
9.21	Deduct for High Pressure 5.98 CID Load Sense Pump (4500 PSI)	(\$247.43)
9.22	Add for 287 Constant Mesh PTO & Force 1XV92 5.6 CID Pump	\$1,358.52
9.23	Add for 287 Constant Mesh PTO & Force 1XV120 7.3 CID Pump	\$1,825.36
9.24	Add for 280 Hot Shift PTO & Force 1XV92 5.6 CID Pump	\$1,586.10
9.25	Add for 280 Hot Shift PTO & Force 1XV120 7.3 CID Pump	\$2,052.95
9.26	Add for 897 Constant Mesh Extended Shaft PTO & Force 1XV92 5.6 CID Pump	\$2,910.78
9.27	Add for 897 Constant Mesh Extended Shaft PTO & Force 1XV120 7.3 CID Pump	\$3,377.62
9.28	Add for 890 Hot Shift Extended Shaft PTO & 1XV92 5.6 CID Pump	\$3,124.36
9.29	Add for 890 Hot Shift Extended Shaft PTO & 1XV120 7.3 CID Pump	\$3,591.20
9.30	Add for DS-04-20 Manual Double Selector Valve	\$348.05
9.31	Adder for C10964 Electric Double Selector Valve	\$723.27
9.32	Add for C10038-E Return Line Manifold	\$306.61
9.33	Add for C10190 Pressure Release Valve	\$151.72
9.34	Add for 12V Pump Shutdown with Override Switch in lieu of HP Ball Valve	\$742.06
9.35	Add for 2 Ported 1/2" Stucchi Multi Coupler Plate (41Z02080801C)	\$814.42
9.36	Add for 2 Ported Parking Station (815606271)	\$253.15
9.37	Add for 4 Ported 1/2" Stucchi Multi Coupler Plate (42Z04080801C)	\$1,216.43
9.38	Add for 4 Ported Parking Station (815606283)	\$254.32
9.39	Add for 6 Ported 1/2" Stucchi Multi Coupler Plate (43Z06080801C)	\$1,940.57
9.40	Add for 6 Ported Parking Station (815606257)	\$227.47
9.41	Add for Auto-Reverse Scraper Lift Kit	\$691.01
9.42	Add for Integrated Power Float Valve (C10812)	\$881.17
9.43	Add to Read Scraper Pressure of LCD	\$420.16
9.44	Add for Optional Harness for Gravity Prewet	\$239.03
9.45	Add for Prewet Closed Loop Feedback Cable	\$303.45
9.46	Add for Electric Open Loop Prewet (Module Only)	\$600.73
9.47	Add for Optional Allison Shifter Box	\$140.05
9.48	Add for Direct Application Module and 3-Lane Harnessing	\$2,281.25
9.49	Add for Single Lane DLA Harnessing	\$542.48
9.50	Add for Adapter Harness for Camera	\$70.03
9.51	Add for Camera Kit	\$577.38

9.52	Add for U-2 Accumulator System	\$1,288.87
9.53	Add for PreCise ARC Sensor	\$752.56
9.54	Add for Precise wireless ARC sensor	\$805.19
9.55	Add for optional mount bracket for ARC sensor	\$33.85
9.56	Add for optional LCD display mounting bracket	\$87.53
9.57	Add for Diamondback Abrasion Protection Sleeve for 1/2" nose(PER FOOT)TEXS27	\$0.79
9.58	Add for Diamondback Abrasion Protection Sleeve for 3/4" nose(PER FOOT)TEXS36	\$0.90
9.59	Add for Diamondback Abrasion Protection Sleeve for 1" nose(PER FOOT)TEXS44	\$1.02
9.60	Add for Diamondback Abrasion Protection Sleeve for 2" nose(PER FOOT)TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Hibley, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

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	Description	Price
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	Note: All item listed below include installation	
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9.1	C10092 Float control manifold assy	\$869.16
9.2	SCE2UL1407ARD Spin-A-Veyer Valve with Unloader to run Auger and Spinner	\$1,452.49
9.3	SCE2LS1407ARD Spin-A-Veyer Load Sensing Valve to run Auger and Spinner	\$1,452.49
9.4	SCE3UL140707ARD Spin-A-Veyer Valve with Unloader to run Auger, Spinner, and Prewet	\$1,750.11
9.5	SCE3LS140707AR Spin-A-Veyer Load Sensing Valve to run Auger, Spinner, and Prewet	\$1,750.11
9.6	SCE-ENCL-STL Spin-A-Veyer PC Enclosure	\$390.76
9.7	SCE-ENCL-SS Spin-A-Veyer Stainless Enclosure	\$997.66
9.8	SSC3100-3F Kit, Spreader Control, SSC3100	\$1,032.44
9.9	5100EX Spreader control system w/3F valve harness	\$1,732.71
9.10	5100EX Spreader Control system w/9F Harness	\$2,163.38
9.11	FB-128 Feed back sensor kit for 5100EX	\$1,180.67
9.12	Electric Prewet Amplifier and Harness for SSC3100/5100EX/6100	\$524.98
9.13	5100EX-PW-FB-WP Prewet harness kit w/ weather pak for 5100EX	\$361.58
9.14	14683A001 Harness, Male Din, Single-Wire, Anti-Drip Valve	\$87.53
9.15	5100EX/6100 Supervisor key kit	\$58.36
9.16	Kit, 5100EX, DLA, 6F (Aug FWD/REV, Dual Spin, Pre, Direct)	\$2,450.93
9.17	SSC6100 -Din Spreader Controller	\$6,972.93
9.18	6100-CAN-Prewet-Elec 6100 Electric prewet 20 AMP No FB cable/sensor	\$524.98
9.19	6100-Ultra -Prewet-WP Kit -Feedback-Prewet-WP	\$454.95
9.20	6100-313-Body-16FT-ISO Kit - Direct Liq - body 3 lane 88ft Rev 1	\$1,724.01
9.21	6100-GEN5-ISO-30FT Kit, ISOBUS, Chassis side, Gen 5, 10/20 port, 30FT (Includes power harness, CAN harness, ISOBUS connector)	\$708.74
9.22	FA6301 - PB-CL-1 Center locking S/A control w/blast - standby - Air tailgate	\$668.19
9.23	WING-CHECK-SAE-8-CFG Wing Loc for two-function wing	\$169.23
9.24	C10488 Wing Loc for Three-Function Wing	\$274.27
9.25	U-2 Under Body Accumulator Kit with Lock Valve	\$758.62
9.26	30P210QBH1SKS161 Parker Filter Assembly Indicators on the side	\$581.22
9.27	ARC-WTS-DS-H2 ARC Wireless Sensor with Display and Power Cable	\$671.09
9.28	ARC-WTS-DS-H1 ARC Wireless Sensor with Display, Power/Output Cable	\$700.27
9.29	ARC-MNT-OPT Assy, ARC Sensor Mount, Optional Extended Mount	\$33.85

	Cost per loaded mile for delivery of hydraulics	\$2.95
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	Starting Point: City, State, Zip:	Pholey, MN 55452 or Lake Crystal, MN 56055
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	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

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	Description	Price
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	Note: All item listed below include installation	
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9.1	RES-20LS 20 gallon frame mounted reservoir	\$636.08
9.2	RES-20-AB-LS 20 gal. frame mounted reservoir with tank mounted filter	\$927.85
9.3	RES-30LS 30 gal. frame mounted reservoir	\$887.00
9.4	RES-30-AB-LS 30 gal. frame mounted reservoir with tank mounted filter	\$1,038.73
9.5	RES-30-AB-LS-SS Stainless Steel 30 gal. frame mounted reservoir with tank mounted filter	\$1,488.07
9.6	RES-40LS 40 gal. frame mounted reservoir	\$1,155.44
9.7	RES-40-AB-LS 40 gal. frame mounted reservoir with tank mounted filter	\$1,383.03
9.8	RES-30-SLIMLS 30 gal slim-line frame mounted reservoir	\$1,021.22
9.9	RES-30-SLIM-AB-LS 30 gal. Slim-line frame mounted reservoir with tank mounted filter	\$1,143.77
9.10	RES-30-Slim-AB-LS-SS Stainless Steel 30 gal. Slim-line frame mounted reservoir with tank mounted filter	\$1,865.04
9.11	RES-30-U-AB-LS 30 gal. upright behind the cab reservoir with tank mounted filter	\$1,290.82
9.12	RES-30-U-AB-LS-SS Stainless Steel 30 gal upright behind the cab reservoir with tank mounted filter	\$1,981.75
9.13	RES-40-ND-AB-LS 40 Gallon upright behind the cab reservoir with tank mounted filter	\$1,925.73
9.14	RES-40-ND-AB-LS-SS Stainless steel 40 gallon upright behind the cab reservoir with tank mounted filter	\$3,382.29
9.15	RES-45-U-AB-LS 45 gal. upright reservoir with tank mounted filter	\$1,689.98
9.16	RES-45-U-AB-LS-SS 45 gal. Stainless Steel upright reservoir with tank mounted filter	\$2,740.38
9.17	RES-40-R-LS 40 gal. round reservoir	\$1,429.71
9.18	GRM-Encl-6 Encl. Stainless Steel Add-A-stack 6 valve	\$1,248.47
9.19	MCV-05Encl-09-SS Stainless Steel Add-A-fold Parallel mount	\$1,201.90
9.20	9689A009-SS Rev. A, 9 section vertically mounted stainless steel valve enclosure	\$2,483.39
9.21	VT35G2-B-PP VT35 GEN2 with Poly Lid	\$2,164.77
9.22	VT35G2-B-SS, Stainless Steel VT35 Gen 2	\$3,477.77
9.23	S95G41 Full port 1-1/4" Brass ball valve 600 PSI	\$147.47
9.24	S95H41 Full ported 1-1/2" NPT Brass ball Vale 600 PSI	\$154.47
9.25	S95I41 Full ported 2" NPT Brass Ball valve 600 PSI	\$174.31
9.26	BRV-1220-2-03 Return line check valve	\$139.30
9.27	S2-TSM08-L210-AC-DN-SS Temp/Level Sensor 158 Degree F 20 Gal. w/ Slosh Shield	\$147.06
9.28	S2-TSM10-L212-AC-DN-SS Temp/Level Sensor 158 Degree F 30 Gal. w/ Slosh Shield Vt-35	\$147.06
9.29	S2-TSM12-L214-AC-DN-SS Temp/Level Sensor 158 Degree F 40 Gal. w/ Slosh Shield	\$147.06
9.30	S2-TSM15-L217-AC-DN-SS Temp/Level Sensor 158 Degree F 30 Gal. Slim w/ Slosh Shield	\$147.06
9.31	S2-TSM17-L219-AC-DN-SS Temp/Level Sensor 158 Degree F w/ Slosh Shield	\$147.06

9.32	S2-TSM20-L222-AC-DN-SS Temp/Level Sensor 50 Gal. 158 F Behind Cab Res. w/ Slosh Shield	\$147.06
9.33	S2-TS010-L212-AC-DN-SS Temp/level 194 degree for 30 gal tank w/slosh shield	\$147.06
9.34	S2-TS012-L214-AC-DN-SS temp/level 194 degree for 40 gal. tank w/slosh shield	\$147.06
9.35	S2-TSO15-L217-AC-DN-SS temp/level 194 degree for 30 gal slim tank w/ slosh shield	\$147.06
9.36	TS-1600-25-1S-0/ZSRE40910E Tank mounted filter w/element EnduraGuard - stainless bolts	\$140.05
9.37	PG-20 Filter indicator gauge 0-60 PSI	\$48.38
9.38	PS-25-WP Pressure switch at 25PSI w/ weatherpack	\$124.77
9.39	TD-150-PMI 1-1/2" NPT internally mounted Tank diffuse	\$28.01
9.40	TS-1200-EXT 1-1/2" x 4" black pipe nipple	\$42.54
9.41	HMK05-120-25-10-MLR-PG Duramax filter assy w/ indic	\$221.75
9.42	SF510-150-25-10MLR-PG-Z 1-1/2" NPT spin on filter Assy , 10 micron w/visual gauge	\$99.20
9.43	SF10-150-25-10MLR-PI-Z, 1-1/2" NPT spin-on filter Assembly, 10 micron w/ 12 volt indicator	\$140.05
9.44	SF510-150-25-10CLR-PG 1-1/2" NPT spin on filter assy 10 micron with visual indicator	\$56.02
9.45	SF510-120-25-10CSR-PG 1-1/4" NPT Spin on filter Assy 10 micron with visual indicator	\$42.02
9.46	C10038 return manifold two SAE20 Three SAE 12 ports	\$79.36
9.47	Add for Diamondback Abrasion Protection Sleeve for 1/2" hose (PER FOOT) TEXS27	\$0.79
9.48	Add for Diamondback Abrasion Protection Sleeve for 3/4" hose (PER FOOT) TEXS36	\$0.90
9.49	Add for Diamondback Abrasion Protection Sleeve for 1" hose (PER FOOT) TEXS44	\$1.02
9.50	Add for Diamondback Abrasion Protection Sleeve for 2" hose (PER FOOT) TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Minneapolis, MN 55432 or Lake Crystal, MN

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS
------------------	--

Vendor Name:	Crysteel Truck Equipment-Fridley
Contact Person:	Josh Taylor
Street Address:	1130 73rd Avenue NE
City, State, Zip:	Fridley, MN 55432
Phone #:	(763) 571-1902
Toll Free #:	1-800-795-1280
Fax #:	(763) 571-5091
Email Address:	jtaylor@crysteeltruck.com

Vendor Name:	Crysteel Truck Equipment-Lake Crystal
Contact Person:	Bob Chicos & Josh Miller
Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

	Description	Price
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	Note: All item listed below include installation	
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9.1	1104126 Harness, IX-40 OBDII to Power Port Adapter	\$58.64
9.2	1104509 Rev. D Assembly, Final, IX-40	\$263.90
9.3	1101047 1X-50, US SIM IX-50US	\$263.90
9.4	1126967 IX-84 ELD with AT&T SIM IX-84-ELD	\$263.90
9.5	1015282 Finassy IX101-H-US-SIM 6950065	\$351.87
9.6	1107578 Kit, VDT, Supervisor	\$2,580.36
9.7	1015263 Finassy-IX403-H kit-US-SIM 6950413	\$733.06
9.8	1015333 Rev. B Antenna-EXT-UMTS/GP Magnetic Mount	\$46.92
9.9	1015338 Rev. A Antenna-EXT-Wifi/GPS-Magnet mount	\$46.92
9.10	1095475 Antenna-EXT-UMTS/GPS Perm Mount 5m cable	\$58.64
9.11	1015321 Antenna-EXT-Wifi/GPS Permanent Mount	\$46.92
9.12	1015334 Antenna- covert-GMS/GPS Adhesive Mount	\$87.97
9.13	1015317 Cable -EXT-Io Serial-Ix201/301/302/403	\$46.92
9.14	1015318 Cable, EXT, I/O Breakout, Precise 2260007	\$26.98
9.15	1015403 Cable, Serial, Male to Female, 6Ft 54505A001	\$9.38
9.16	1015422 Hydac Pressure Switch Kit Deutsch Connector 20ft	\$216.98
9.17	1106992 IFM PK6222, setting range of 75-1450 psi rated to 2900 psi	\$216.98
9.18	1015241 Impact Sensor 1210070	\$93.83
9.19	1101852 Tilt Switch W/ Bracket, REV. B	\$76.24
9.20	1015448 Key-Upgrade-Event logging Ssc5100	\$146.61
9.21	1015425 Ibutton-Can-Driver ID	\$234.58
9.22	1102534 Harness, Ext, Driver ID, PreCise	\$46.92
9.23	1015450 Key-Driver Ssc5100	\$178.05
9.24	1017769 Rev. A Force - Cable - Adapter - Roadwatch to EX Box 6 - Pos	\$298.86
9.25	1103674 Rev. B Kit, Tablet, Mount, Antenna	\$1,206.68
9.26	1015275 Access Point-Ap-211-Entire Kit	\$1,640.87
9.27	1125394 Rev. A ARC Wireless Sensor with Display and Power Cable	\$674.41
9.28	1125395 Rev. A ARC Wireless Sensor with Display, Power/Output Cable	\$703.73
9.29	1125398 Rev. A ARC Wired Sensor with Display and Power/Output Cable	\$815.16
9.30	1125402 Rev. A ARC Wired Sensor without Display and 6100 Gen 2, 3 or 4 Cable	\$604.04
9.31	1125396 Rev. A ARC Wireless Sensor with Display, Power Cable and IX-101 Cable	\$733.06
9.32	1125397 Rev. A ARC Wireless Sensor with Display, Power Cable and 6100 Gen 2	\$733.06

9.33	1125400 Rev. A ARC Wired Sensor with Display, Power Cable and IX-101 Cable	\$832.75
9.34	1125401 Rev. A ARC Wired Sensor with Display, Power Cable and 6100 Gen 2, 3	\$721.33
9.35	1117643 Rev. B Air and Road Temperature Sensor, Wired	\$527.80
9.36	1132400 Rev. A Air and Road Temperature Sensor, Wired, SSC5100 compatible	\$527.80
9.37	1117640 Rev. B Air and Road Temperature Sensor, Wireless	\$457.43
9.38	1015454 6100 Event Log Authentication Module For use with other Avl	\$232.23
9.39	1117644 Rev. A Air and Road Temperature Sensor, Display	\$170.07
9.40	1117276 Harness, Temp Display, Wireless Sensor 1117276	\$46.92
9.41	1015406 Roadwatch Extension M8 Conn 16 Foot 54802A001	\$118.35
9.42	1117275 Harness, Temp Display, Wired Sensor 1117275	\$76.24
9.43	1121945 Rev. A Harness, M8 Picofast, 6 pin, 0.3M, Black jacket, Black molded body 1121945	\$42.22
9.44	1119861 QUOTE - Harness, Precise, Roadtemp sensor, IX101	\$28.15

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Fridley, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS
------------------	---

Vendor Name:	Crysteel Truck Equipment-Fridley
Contact Person:	Josh Taylor
Street Address:	1130 73rd Avenue NE
City, State, Zip:	Fridley, MN 55432
Phone #:	(763) 571-1902
Toll Free #:	1-800-795-1280
Fax #:	(763) 571-5091
Email Address:	jtaylor@crysteeltruck.com

Vendor Name:	Crysteel Truck Equipment-Lake Crystal
Contact Person:	Bob Chicos & Josh Miller
Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Certified Power - XDS Control
	Cab Controls Description	Joystick Electric
	Sander Control Description	XDS Operator Panel w/ Integral Touchscreen
	Pump Drive Description	Front Drive LS Sauer S45
	Pump Type	LS Piston
	Valve Description	Proportional Danfoss PVG
	Number and Type Functions	See below
	Type of Valve Actuation	Proportional Electric
	Reservoir Size	Multiple Available (see below)
	Fluid Type	ATF (equal to Dexron III)
	Filter Style	Intank
	Valve Enclosure	Yes
	Hose Recommendation	1" Pressure 1" returns
	Warranty Information	2 years parts and labor
	Volume Discounts	N/A

	TOTAL PRICE:	See Below
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	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing, hardware, labor, etc.	\$4,547.24

Hydraulic Options		
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Note: Items listed below are installed prices		
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Must Select one item for control package

9.2	XDS 5 Section Valve w/ enclosure and one output module (up to 4 additional outputs)	\$6,701.55
9.3	XDS 6 Section Valve w/ enclosure and one output module (up to 2 additional outputs)	\$7,525.53
9.4	XDS 7 Section Valve w/ enclosure and two output modules	\$9,390.58
9.5	XDS 8 Section Valve w/ enclosure and two output modules	\$10,303.78
9.6	XDS 9 Section Valve w/ enclosure and two output modules	\$11,216.99
9.7	XDS 10 Section Valve w/ enclosure and two output modules	\$12,050.84

Must select one item of Hook Application control package

9.8	Hooklift Application Adder	\$700.27
9.9	Add for Pup Valve	\$928.38
9.10	Add for Stainless Steel Enclosure	\$1,953.74
9.11	Add for Prewet Cartridge	\$201.91

Must select one item for in cab control package

9.12	XDS Multiguard 3 joystick control console Assy (Base Model FR3110030)	\$5,520.44
9.13	XDS Multiguard 4 joystick control console Assy (Base Model FR41100023)	\$6,379.43
9.14	XDS ControlGuard Multifunction single joystick control console assy (Base Model FR6110036)	\$6,024.65
9.15	XDS additional Low Power switches (per switch, up to 6 extra, included Flylead harness)	\$277.44
9.16	XDS Touchguard Switch pack (6 High Power switches, fuse pack, relays, and harness)	\$857.49
9.17	XDS basic wiring kit (CAN Bus, Power, and ground speed)	\$598.73
9.18	XDS TPE Cable Harness assy for one output module (up to 6 sections)	\$441.17
9.19	XDS TPE Cable Harness assy for two output mod (8 or more sections)	\$617.40
9.20	XDS Road Watch and air temp sensor includes harness	\$492.52
9.21	Body up switch	\$318.40
9.22	Low pressure return filter	\$61.86
9.23	In tank return filter	\$145.89
9.24	High pressure filter	\$620.90
9.25	Electric filter indicator	\$234.48

Must select one Reservoir for Complete system

9.26	30 gal std reservoir	\$367.64
9.27	30 gal std reservoir w/ intank filter	\$632.57
9.28	40 gal std reservoir w/ intank filter	\$667.59
9.29	Slim-line 30 gal reservoir w/ intank filter	\$693.26
9.30	35 gallon cab shield mounted reservoir w intank filter MS	\$1,077.24
9.31	35 gallon cab shield mount reservoir w/ intank filter SS	\$1,638.62
9.32	50 gallon cab shield mounted reservoir w/ intank filter MS	\$1,108.76
9.33	50 gallon cab shield mounted reservoir w/ intank filter SS	\$1,739.00
9.34	Low level indicator w/ light and buzzer	\$200.74

Must select pump for system operation

9.35	Danfoss S45 piston pump 75cc (4.53 ci) w/ fitting kit and driveline	\$1,914.06
9.36	Danfoss S45 piston pump 100cc (6.11 ci) w/ fitting kit and driveline	\$2,896.77
9.37	Danfoss S45 piston pump - Wet spline 75cc (4.53 ci) w/ fitting kit	\$1,549.92
9.38	Low level electrical shut down for any pump	\$291.78
9.39	Chelsea constant mesh PTO for Allison Trans w/ loop nose	\$843.82

9.40	Chelsea Hot Shift PTO for Allison Trans applic. w/ loop hose	\$1,548.76
9.41	Plow Balance valve option w/ harness	\$1,067.91
9.42	Accumulator Eliminator/Scraper Down: constant pressure manifold assy	\$827.48
9.43	Cable pull off valve	\$579.72
9.44	Wing cylinder Counter Balance Valve (3-port) w/ fitting kit	\$194.91
9.45	Inline wing cylinder Counter Balance Valve (4-port)	\$194.91
9.46	Dual selector valve manual	\$444.22
9.47	Dual selector valve electric	\$612.28
9.48	2" low pressure ball valve	\$72.36
9.49	2 1/2" low pressure ball valve	\$138.89
9.50	1" high pressure ball valve (3000 psi)	\$178.46
9.51	Enduracam system 7" monitor w/ one camera, cables	\$1,339.28
9.52	Enduracam system 7" monitor two cameras, cables	\$1,936.73
9.53	Enduracam system 9" monitor w/ two cameras, cables	\$2,111.80
9.54	Automatic-Up Feature for Scraper Function	\$465.68
9.55	Crysteel Plow Hitch Remote Lift Kit – XDS Systems	\$517.03
9.56	Certified PowerSmart Central Power Distribution Panel	\$441.17
9.57	Add for Diamondback Abrasion Protection Sleeve for 1/2" hose (PER FOOT) TEXS27	\$0.79
9.58	Add for Diamondback Abrasion Protection Sleeve for 3/4" hose (PER FOOT) TEXS36	\$0.90
9.59	Add for Diamondback Abrasion Protection Sleeve for 1" hose (PER FOOT) TEXS44	\$1.02
9.60	Add for Diamondback Abrasion Protection Sleeve for 2" hose (PER FOOT) TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Fridley, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS
------------------	---

Vendor Name:	Crysteel Truck Equipment-Fridley
Contact Person:	Josh Taylor
Street Address:	1130 73rd Avenue NE
City, State, Zip:	Fridley, MN 55432
Phone #:	(763) 571-1902
Toll Free #:	1-800-795-1280
Fax #:	(763) 571-5091
Email Address:	jtaylor@crysteeltruck.com

Vendor Name:	Crysteel Truck Equipment-Lake Crystal
Contact Person:	Bob Chicos & Josh Miller
Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Certified Power Manual System w/ Electronic Spreader Control
	Cab Controls Description	Cable
	Sander Control Description	Electro-Proportional Control via Freedom 2 Controller
	Pump Drive Description	Front Drive
	Pump Type	LS Piston Pump
	Valve Description	Danfoss PVG Manual Valves
	Number and Type Functions	Up to 7 Cable Controls
	Type of Valve Actuation	Cable
	Reservoir Size	Multiple (see below)
	Fluid Type	Std hydraulic or ATF
	Filter Style	In Tank
	Valve Enclosure	Yes
	Hose Recommendation	1/2" 2wire for valves
	Warranty Information	2 years parts and labor
	Volume Discounts	N/A
	TOTAL PRICE: \$3,378.79	

	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing,	\$4,075.35
Hydraulic Options		
Note: Items listed below are installed prices		
9.2	Add for cable system with 3 valves and spreader control	\$3,971.12
9.3	Add for cable system with 5 valves and spreader control	\$5,197.75
9.4	Add for cable system with 7 valves and spreader control	\$5,728.79
9.5	Add for Freedom 2.2 Ground Speed Control w/ Mounting Bracket and Main Harness	\$1,890.76
9.6	Add for Freedom 2.0 Ground Speed Control w/ Mounting Bracket and Main Harness	\$1,563.97
9.7	Add for Freedom 2.1 Ground Speed Control w/ Mounting Bracket and Main Harness	\$1,708.70
9.8	Add for Additional valve sections complete each	\$1,639.84
9.9	Add for Hot Shift PTO	\$1,621.64
9.10	Add for Trimline Tank	\$693.26
9.11	Automatic-up feature for scraper function cable operated system	\$465.68
9.12	Low Oil Indicator w/ Float, Harness, and In-Cab Indicator	\$447.00
9.13	Certified PowerSmart Central Power Distribution Panel	\$441.17
9.14	Crysteel Plow Hitch Remote Lift Kit – Manual System	\$919.68
9.15	Add for U-2 Accumulator System	\$1,288.87
9.16	Add for Diamondback Abrasion Protection Sleeve for 1/2" hose (PER FOOT) TEXS27	\$0.79
9.17	Add for Diamondback Abrasion Protection Sleeve for 3/4" hose (PER FOOT) TEXS30	\$0.90
9.18	Add for Diamondback Abrasion Protection Sleeve for 1" hose (PER FOOT) TEXS44	\$1.02
9.19	Add for Diamondback Abrasion Protection Sleeve for 2" hose (PER FOOT) TEXS73	\$1.97
	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Friday, MN 55432 or Lake Crystal, MN 56055
	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS
------------------	---

Vendor Name:	Crysteel Truck Equipment-Fridley
Contact Person:	Josh Taylor
Street Address:	1130 73rd Avenue NE
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Toll Free #:	1-800-795-1280
Fax #:	(763) 571-5091
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Vendor Name:	Crysteel Truck Equipment-Lake Crystal
Contact Person:	Bob Chicos & Josh Miller
Street Address:	152248 Ember Road
City, State, Zip:	Lake Crystal, MN 56055
Phone #:	(507) 726-6041
Toll Free #:	1-800-722-0588
Fax #:	(507) 726-2984
Email Address:	bchicos@crysteeltruck.com & jmiller@crysteeltruck.com

Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	Certified Danfoss

Cab Controls Description	Danfoss S45 rated @ 3,700 psi continuous
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Sander Control Description	Certified Power Sectional Valve manufactured with Danfoss PVG sections and an integrated spreader manifold assembly.
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Pump Drive Description	Certified Power Freedom XDS Control System; all digital, CAN bus controller.
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Pump Type	Freedom XDS Operator panel with integral electro-proportional joystick control.
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Valve Description	Front Frame Mounted, Engine Crankshaft driven or Transmission mounted PTO
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Number and Type Functions	Danfoss S45 Variable displacement axial piston type with Load-sensing and Pressure Compensation.
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Type of Valve Actuation	Danfoss PVG valve Series; Closed center, load-sensing, mobile sectional hybrid valve with manual over-rides. Includes integrated spreader manifold
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Reservoir Size	1-10 Functions
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Fluid Type	Electro-Proportional with manual over-rides, or cable operated
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Filter Style	Selectable w/ filler-breather, sight glass, suction screen, and magnetic plug
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Valve Enclosure	ATF (equivalent to Dexron III)
Hose Recommendation	Remote mount or in tank mounted w/ electrical or manual condition indicator & return line check valve.
Warranty Information	Steel or Stainless Steel construction, frame mount design w/ removable cover
Volume Discounts	N/A

TOTAL PRICE:	See Below
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	Description	Price
9.1	Installation of hydraulics includes hoses, plumbing, hardware, labor, etc.	\$4,412.80

Hydraulic Options

Note: Items listed below are installed prices
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Must Select one item for control package

9.2	XDS 5 Section Valve w/ enclosure and one output module (up to 4 additional)	\$6,701.55
9.3	XDS 6 Section Valve w/ enclosure and one output module (up to 2 additional)	\$7,525.53
9.4	XDS 7 Section Valve w/ enclosure and two output modules	\$9,390.58
9.5	XDS 8 Section Valve w/ enclosure and two output modules	\$10,303.78
9.6	XDS 9 Section Valve w/ enclosure and two output modules	\$11,216.99

Must select one item of Hook Application control package

9.7	Hooklift Adder Application (4500psi capability)	\$756.29
9.8	Add for Pup Section	\$928.38
9.9	Add for Stainless Steel Enclosure	\$1,953.74
9.10	Add for Liquid Cartridge to Valve Enclosure (Prewet or Anti-Ice)	\$201.91

Must select one item for in cab control package

9.11	XDS Multiguard 3 joystick control console Assy (Base Model FR3110030)	\$5,520.44
9.12	XDS Multiguard 4 joystick control console Assy (Base Model FR4110023)	\$6,379.43
9.13	XDS ControlGuard Multifunction single joy stick control console assy (Base Model FR6110036)	\$6,024.63
9.14	XDS additional Low Power switches for ControlGuard or MultiGuard (per switch, up to 6 extra, includes flylead harness)	\$277.44
9.15	XDS Touchguard Switch pack (6 high power switches, fuse pack, relays, and harness)	\$857.49
9.16	XDS basic wiring kit (CAN Bus, Power, and ground speed)	\$598.73
9.17	XDS TPE Cable Harness assy for one output modules (up to 6 sections)	\$441.17
9.18	XDS TPE Cable Harness assy for two output modules (7 or more sections)	\$617.40
9.19	XDS TPE Road & Air Temp Sensor Including Harness	\$492.52
9.20	Body up switch (switches and extra harness)	\$318.40
9.21	Low pressure return, in-line, spin-on filter, visual indicator only	\$61.86
9.22	In tank return filter (Schroeder with dual ports and visual indicator only)	\$145.89
9.23	High pressure filter & visual indicator (Schroeder VF-60-9VZ10-S-D5)	\$620.90
9.24	Electric filter indicator (pressure switch) including harness - Adder to any reservoir w/ standard in-tank filter	\$234.48

Must select one Reservoir for Complete system

9.25	30 gal std reservoir (no filter)	\$717.77
9.26	30 gal std reservoir w/ intank filter w/ visual indicator	\$982.71

9.27	Slim-line 30 gal reservoir w/ intank filter w/ visual indicator	\$1,043.40
9.28	40 gallon frame mounted reservoir (carbon steel) w intank filter and visual indicator, Gloss Black	\$1,134.43
9.29	35 Gallon Cabshield mounted reservoir (mild steel) w/in tank filter & visual indicator	\$1,485.73
9.30	35 Gallon Cabshield mounted reservoir (stainless steel) w/in tank filter & visual indicator	\$2,047.11
9.31	50 Gallon Cabshield mounted reservoir (mild steel) w/in tank filter & visual indicator	\$1,692.31
9.32	50 Gallon Cabshield mounted reservoir (stainless steel) w/in tank filter & visual indicator	\$2,322.55

Must select pump for system operation

9.33	Danfoss S45 Piston Pump; 74cc (4.52 ci) Fitting Kit & Driveline Included	\$1,914.06
9.34	Danfoss S45 Piston Pump; 100cc (6.11 ci) Fitting Kit & Driveline Included	\$2,896.77
9.35	Danfoss S45 Piston Pump - Wetspline; 75cc (4.53 ci) Fitting Kit Included	\$1,549.92
9.36	Low oil indicator including float, harness, in cab warning lite & Buzzer - XDS	\$200.74
9.37	Low oil indicator including float, harness, in-cab warning lite & Buzzer - Cable System	\$447.00
9.38	Low oil electrical shut down for any pump	\$291.78
9.39	Chelsea constant mesh PTO for Allison Trans w/ lube hose	\$843.82
9.40	Chelsea Hot Shift PTO for Allison Trans applic. w/ lube hose	\$1,583.77
9.41	Plow Balance valve option w/ harness	\$1,067.91
9.42	Accumulator Eliminator Valve / Scraper Constant Down Pressure Manifold Assy	\$827.48
9.43	Cable pull off valve (for use with telescopic hoist)	\$579.72
9.44	Dual counterbalance wing cylinder lock valve - inline body installation	\$194.91
9.45	Single function Wing cylinder counter balance valve - 3 port style (fittings inc.)	\$105.04
9.46	Dual selector valve manual installed	\$444.22
9.47	Dual selector valve electric installed	\$612.28
9.48	2" low pressure ball valve	\$72.36
9.49	2 1/2" low pressure ball valve	\$138.89
9.50	1" high pressure ball valve (5000 psi)	\$178.46
9.51	Enduracam system 7" monitor single low light camera, cables, adapters	\$1,339.28
9.52	Enduracam system 7" monitor two low light camera, cables, adapters	\$1,936.73
9.53	Enduracam system 9" monitor two low light camera, cables, adapters	\$2,111.80
9.54	Freedom 2.0 Spreader Control w/ mounting bracket and main harness	\$1,563.97
9.55	Freedom 2.1 Spreader Control w/ Mounting Bracket and Main Harness	\$1,102.70
9.56	Freedom 2.2 Spreader Control w/ Mounting Bracket and Main Harness	\$1,890.76
9.57	Cable Controls per Valve Section - Joystick, Console, Cable, Bonnet	\$114.38
9.58	Cable Operated, 3 section valve enclosure w/ electric auger and spinner control	\$3,592.37
9.59	Cable operated, 5 section valve enclosure w/ electric auger and spinner control	\$4,819.00
9.60	Cable operated, 7 section valve enclosure w/ electric auger and spinner control	\$5,350.04
9.61	Automatic-Up feature for scraper function on cable operated systems	\$465.68
9.62	Automatic-Up Feature for Scraper function - XDS systems only	\$126.05
9.63	Crysteel Plow Hitch Remote Lift Kit - Manual System Only	\$919.68
9.64	Crysteel Plow Hitch Remote Lift Kit - XDS systems only	\$517.03
9.65	Certified PowerSmart Central Power Distribution Panel	\$441.17
9.66	Add for Diamondback Abrasion Protection Sleeve for 1/2" nose (PER FOOT) TEXS27	\$0.79
9.67	Add for Diamondback Abrasion Protection Sleeve for 3/4" nose (PER FOOT) TEXS36	\$0.90
9.68	Add for Diamondback Abrasion Protection Sleeve for 1" nose (PER FOOT) TEXS44	\$1.02
9.69	Add for Diamondback Abrasion Protection Sleeve for 2" nose (PER FOOT) TEXS73	\$1.97

	Cost per loaded mile for delivery of hydraulics	\$2.95
	Starting Point: City, State, Zip:	Fridley, MN 55432 or Lake Crystal, MN 56055

	Shop Labor Rate	\$95.00
	Mechanic Labor Rate	\$95.00