

Price quote for:	9.0 NON-MnDOT PRICE SCHEDULE HYDRAULICS	
Vendor Name:	TWIN STAR EQUIPMENT AND MFG. CO.	
Contact Person:	STEVE BERGERON / ADAM JARVINEN	
Street Address:	1950 202ND STREET EAST	
P.O. Box:		
City, State, Zip:	CLEARWATER, MN. 55320	
Phone #:	OFFICE: 320-558-2800 / STEVE CELL: 701-929-0531	
Toll Free #:		
Fax #:	320-558-2802	
Email Address:	STEVE@TWINSTARTRUCK.COM / ADAM@TWINSTARTRUCK.COM / PARTS@TWINSTARTRUCK.COM	
Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	BUYERS CENTRAL HYD SYSTEM
	Cab Controls Description	HVE ELECTRONIC CONTROLS
	Sander Control Description	HVC ELECTRONIC CONTROLS
	Pump Drive Description	ELECTRIC/HYDRAULIC OR AUTOMATIC TRANSMISSION MOUNTED PTO
	Pump Type	VARIABLE DISPLACEMENT, PISTON DRIVEN
	Valve Description	HVE 1 SPOOL VALVE
	Number and Type Functions	4 OR 8 FUNCTION
	Type of Valve Actuation	ELECTRIC OVER HYDRAULIC
	Reservoir Size	15 OR 30 GALLON (FRAME MOUNTED) 304 STAINLESS STEEL
	Fluid Type	ATF OR STANDARD HYDRAULIC
	Filter Style	IN TANK
	Valve Enclosure	STAINLESS STEEL FRAME MOUNTED, W/ REMOVABLE COVER
	Hose Recommendation	3/4" INLET, 1/2" WORK
	Warranty Information	24 MONTHS
	Volume Discounts	5% WITH 10 PLUS ORDER
	TOTAL PRICE	SEE BELOW
	INSTALLATION	
9.1	INSTALLATION OF HYDRAULICS: INCLUDES HOSES, FITTINGS, HARDWARE, LABOR, ETC	\$ 3,965.00
9.2	INSTALLATION OF PUMP SYSTEM: MOUNTING OF PTO/PUMP SYSTEM OR DC POWER UNIT TO CHASSIS DRIVELINE	\$ 1,157.00

	HYD SYSTEM: INCLUDES VALVES, RESEVOIR, CAB CONTROLS, AND FILTRATION		
9.3	540 CENTRAL HYDRAULIC SYSTEM 15 GAL 4-FUNCTION	\$	3,460.00
9.4	541 CHS 15 GAL 4-FUNCTION W/ GPS SPEED CONTROL	\$	3,781.00
9.5	560 CENTRAL HYDRAULIC SYSTEM 15 GAL 6-FUNCTION	\$	3,646.00
9.6	561 CHS 15 GAL 6-FUNCTION W/ GPS SPEED CONTROL	\$	3,968.00
9.7	3060 CENTRAL HYDRAULIC SYSTEM 30 GAL 6-FUNCTION	\$	7,110.00
9.8	3061 CHS 30 GAL 6-FUNCTION W/ GPS SPEED CONTROL	\$	7,443.00
9.9	OPTIONAL SWITCH PANEL TOWER FOR 3060/61	\$	469.00
9.10	3080 CENTRAL HYDRAULIC SYSTEM 30 GAL 8-FUNCTION	\$	11,343.00
9.11	3081 CHS 30 GAL 8-FUNCTION W/ GPS SPEED CONTROL	\$	11,657.00
	PUMP SYSTEM (PTO IF APPLICABLE)		
9.12	DC POWER UNIT - ELECTRIC OVER HYDRAULIC PUMP (NO PTO)	\$	468.00
9.13	HOTSHIFT PTO W/ DIRECT MOUNT GEAR PUMP	\$	4,667.71
	Cost per loaded mile for delivery of hydraulics	\$	2.50
	Starting Point: City, State, Zip:		
	CLEARWATER, MN 55320		
	Body Shop Rate	\$	95.00
	Mechanic Shop Rate	\$	95.00

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Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	MUNCIE CENTRAL HYD SYSTEM
	Cab Controls Description	ELECTRONIC (SEE OPTIONS)
	Sander Control Description	ELECTRONIC (SEE OPTIONS)
	Pump Drive Description	ELECTRIC/HYDRAULIC OR AUTOMATIC TRANSMISSION MOUNTED PTO
	Pump Type	VARIABLE DISPLACEMENT, PISTON DRIVEN
	Valve Description	VERTICAL STACK VALVES
	Number and Type Functions	6 FUNCTION
	Type of Valve Actuation	ELECTRIC OVER HYDRAULIC
	Reservoir Size	35 GALLON (FRAME MOUNTED) 304 STAINLESS STEEL
	Fluid Type	ATF OR STANDARD HYDRAULIC
	Filter Style	IN TANK
	Valve Enclosure	STAINLESS STEEL, FRAME MOUNTED, W/ WEATHER-TITE LID
	Hose Recommendation	3/4" INLET, 1/2" WORK
	Warranty Information	24 MONTHS
	Volume Discounts	5% WITH 10 PLUS
	TOTAL PRICE	SEE BELOW

	Description	PRICE
	INSTALLATION	
9.1	INSTALLATION OF HYDRAULICS: INCLUDES HOSES, FITTINGS, HARDWARE, LABOR, ETC.	\$ 3,965.00
9.2	INSTALLATION OF PUMP SYSTEM: MOUNTING OF PTO/PUMP SYSTEM OR DC POWER UNIT TO CHASSIS DRIVELINE	\$ 1,157.00

HYD SYSTEM: INCLUDES VALVES, RESERVOIR, CAB CONTROLS, AND FILTRATION

9.3	ADVANTAGE SYSTEM, LOAD SENSE, FLOAT, MULTI-FUNCION JOYSTICK W/SEAT MOUNT	\$	12,819.93
9.4	INTERNAL HYDRAULIC LIQUID PREWET	\$	631.70
9.5	AXIS, DATA LOGGING, WIFI DIAGNOSTICS, MULTI-FUNCTION	\$	18,010.19
9.6	INTERNAL HYDRAULIC LIQUID PREWET	\$	435.58
PUMP SYSTEM (PTO IF APPLICABLE)			
9.7	DC POWER UNIT - ELECTRIC OVER HYDRAULIC PUMP (NO PTO)	\$	468.00
9.8	HOTSHIFT PTO W/ DIRECT MOUNT GEAR PUMP	\$	4,667.71
	Cost per loaded mile for delivery of hydraulics	\$	2.50
	Starting Point: City, State, Zip:		
	CLEARWATER, MN 55320		
	Body Shop Rate	\$	95.00
	Mechanic Shop Rate	\$	95.00

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Item #	Information Requested	Answer
9.0	Hydraulics - Make and Model	MUNCIE CENTRAL HYD SYSTEM
	Cab Controls Description	CABLE [(SEE OPTIONS)
	Sander Control Description	CABLE [(SEE OPTIONS)
	Pump Drive Description	ELECTRIC/HYDRAULIC OR AUTOMATIC TRANSMISSION MOUNTED PTO
	Pump Type	VARIABLE DISPLACEMENT, PISTON DRIVEN
	Valve Description	VERTICAL STACK VALVES
	Number and Type Functions	6 FUNCTION
	Type of Valve Actuation	ELECTRIC OVER HYDRAULIC
	Reservoir Size	35 GALLON (FRAME MOUNTED) 304 STAINLESS STEEL
	Fluid Type	ATF OR STANDARD HYDRAULIC
	Filter Style	IN TANK
	Valve Enclosure	STAINLESS STEEL, FRAME MOUNTED, W/ WEATHER-TITE LID
	Hose Recommendation	3/4" INLET, 1/2" WORK
	Warranty Information	24 MONTHS
	Volume Discounts	5% WITH 10 PLUS ORDER
	TOTAL PRICE	SEE BELOW

	Description	Price
	INSTALLATION	
9.1	INSTALLATION OF HYDRAULICS: INCLUDES HOSES, FITTINGS, HARDWARE, LABOR, ETC.	\$ 3,965.00

9.2	INSTALLATION OF PUMP SYSTEM: MOUNTING OF PTO/PUMP SYSTEM OR DC POWER UNIT TO CHASSIS DRIVELINE	\$	1,157.00
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9.3	HYD SYSTEM: INCLUDES VALVES, RESERVOIR, CAB CONTROLS, AND FILTRATION	\$	11,207.25
	CABLE ADVANTAGE PLUS, TOUCHSCREEN CONTROL, DUAL AXIS, DATA LOGGING,WIFI DIAGNOSTICS, MULTI-FUNCTION		

9.4	ELECTRIC/HYDRAULIC PREWET WORK SECTION	\$	622.04
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PUMP SYSTEM (PTO IF APPLICABLE)			
9.5	DC POWER UNIT - ELECTRIC OVER HYDRAULIC PUMP (NO PTO)	\$	468.00
9.6	HOTSHIFT PTO W/ DIRECT MOUNT GEAR PUMP	\$	4,667.71

	Cost per loaded mile for delivery of hydraulics	\$	2.50
	Starting Point: City, State, Zip:		
	CLEARWATER, MN 55320		
	Body Shop Rate	\$	95.00
	Mechanic Shop Rate	\$	95.00