

**PRICE SCHEDULE 9.0
Hydraulics**

**VENDOR TO PROVIDE
FOLLOWING DETAIL**

Hydraulics - Make and Model	Force America pump, Force/Parker MCV-ISO Add-A-Fold Valve
Cab controls description	Force America electronic control assembly, (Floor or Seat Mount)
Sander control description	Force America model 5100EX or 6100 manually or programable adjustable Electronic control, w/stand-by, blast, ground-speed interrupt, & liquid hookup.
Pump drive description	Front Frame Mounted, Engine Crankshaft driven or Automatic Transmission Mounted PTO
Pump type	Variable displacement, axial piston type, load-sensing,
Valve description	Closed center load-sensing type, w/mid-inlet, manifold design
Number and type functions	5 to 11 functions:
Type of valve actuation	Elect solenoid, w/manual over-ride
Reservoir size	Selectable, w/filler-breather, sight glass, suction screen, and magnetic plug
Fluid type	ATF (equivalent to Dexron III)
Filter style	Remote mount, or intank w/12 volt DC condition indicator, & return line check valve.
Valve enclosure	Steel or Stainless Steel construction, frame mount design, w/removable cover
Hose recommendation	2" dia suction, 1-1/4" dia return, 1" dia pressure, w/balance to match equipment port sizing. R2 for pressure lines, R1 for return lines, R4 for suction line. Return line manifold included.

TOTAL PRICE \$ (See Schedule Below)

9.1 - Installation (Hose, plumbing, hardware, labor, etc.) of hydraulics, different controls and other hydraulics options, etc.
 Start numbering with 9.1, 9.2, 9.3, etc., until all options are listed.
 Use a separate Section 9.0 pricing page for different model valves and

Force America Hydraulics	PRICE
MCV-ISO VALVE 5 FUNCTIONS INSTALLED	\$6,457.00
MCV-ISO VALVE 6 FUNCTIONS INSTALLED	\$7,260.00
MCV-ISO VALVE 7 FUNCTIONS INSTALLED	\$7,957.00
MCV-ISO VALVE 8 FUNCTIONS INSTALLED	\$8,654.00
MCV-ISO VALVE 9 FUNCTIONS INSTALLED	\$9,351.00
MCV-ISO VALVE 10 FUNCTIONS INSTALLED	\$10,047.00
MCV-ISO HOOKLIFT VALVE 5 FUNCTIONS INSTALLED	\$7,358.00
MCV-ISO HOOKLIFT VALVE 6 FUNCTIONS INSTALLED	\$8,195.00
MCV-ISO HOOKLIFT VALVE 7 FUNCTIONS INSTALLED	\$9,312.00
MCV-ISO HOOKLIFT VALVE 8 FUNCTIONS INSTALLED	\$10,429.00
MCV-ISO HOOKLIFT VALVE 9 FUNCTIONS INSTALLED	\$11,546.00
MCV-ISO HOOKLIFT VALVE 10 FUNCTIONS INSTALLED	\$11,904.00
Valve Control Systems	PRICE
MODULAR ULTRA-3-5100 EX Commander control installed	\$7,550.00
MODULAR ULTRA-3-5100 Commander control installed	\$8,750.00
MODULAR ULTRA-3-6100 Commander control installed	\$10,250.00
MODULAR ULTRA-4-5100 EX Commander control installed	\$8,450.00
MODULAR ULTRA-4-5100 Commander control installed	\$9,850.00
MODULAR ULTRA-4-6100 Commander control installed	\$10,190.00
MODULAR ULTRA-5-5100 EX Commander control installed	\$10,390.00
MODULAR ULTRA-5-5100 Commander control installed	\$11,340.00
MODULAR ULTRA-5-6100 Commander control installed	\$12,130.00
SEAT MOUNTED CONTROL (ADDER)	\$275
Return Filter Systems	PRICE
Spin-on filter with condition gauge Installed	\$380.00
Spin-on filter with 12-V condition gauge Installed	\$490.00
IN-TANK mounted filter installed	\$395.00

High pressure filter & indicator installed	\$690.00
Reservoir Systems	
PRICE	
30 gal standard reservoir for L/S system installed	\$1,528.00
gal standard reservoir W/ intank filter provision for L/S system, installed	\$1,688.00
Slim-Line (space saver) 30 gal reservoir L/S installed	\$1,742.00
Slim-Line (space saver) 30 gal reservoir w/intank filter provision, installed	\$1,820.00
40 gal Round reservoir L/S installed	\$2,150.00
Stationary Cabshield mounted reservoir (painted carbon steel) w/in-tank filter provision, installed	\$1,480.00
Stationary Cabshield mounted reservoir (stainless steel) w/intank filter provision, installed	\$2,176.00
PUMP SYSTEMS	
PRICE	
Force FASD34L LS pump (4.67 ci) installed	\$2,405.00
Force FASD34L LS pump (4.67 ci) W/ Elect shut down installed	\$2,950.00
Force FASD45L LS pump (6 ci) installed	\$2,894.00
Force FASD45L LS pump (6 ci) W / Elect shut down installed	\$3,368.00
Force TXV92 (5.6 ci) pump, w/ constant mesh P.T.O. for Allison Trans application, installed	\$3,620.00
Force TXV92 (5.6 ci) pump, w/ constant mesh P.T.O. for Allison Trans application, W/ ELECT SHUT DOWN installed	\$4,220.00
Force TXV92 (5.6 ci) pump, w/ hotshift P.T.O. for Allison Trans application, installed	\$4,020.00
Force TXV92 (5.6 ci) pump, w/ hotshift P.T.O. for Allison Trans application, W/ ELECT SHUT DOWN installed	\$4,525.00
ADD ON OPTIONS	
PRICE	
Low oil indicator system 30 GAL STD AND VT-35, w/light in cab installed	\$235.00
Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab installed	\$212.00
Low oil indicator system, 40 GAL ROUND w/light in cab installed	\$238.00
Temp/Low oil indicator system 30 GAL STD , w/light in cab installed	\$238.00
Temp/Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab installed	\$238.00
Temp/Low oil indicator system, 40 GAL ROUND w/light in cab installed	\$238.00

Vertical valve enclosure Painted Steel (ADDER)	\$1,553.00
Vertical Stainless Steel valve enclosure (ADDER)	\$2,361.00
VT35 valve enclosure Painted Steel w/Poly Cover (ADDER)	\$1,704.00
VT35 stainless steel valve enclosure (ADDER)	\$3,188.00
Adder for auger reversing valve	\$425.00
Adder for auger reversing valve and selector valve for dual spinners	\$725.00
Adder for plow float control valve DA Cyl	\$440.00
Adder for Inegrated float control valve	\$875.00
Adder for Constant Scraper Down Pressure System - Includes Counterbalance Valve, Dual Pressure Limiter Block, Down Side Relief, and Down Side Float.	\$676.00
Adder for Integraded Float Control Valve	\$825.00
Adder for Pressure Transmitter to Read Scraper Pressure on LCD	\$424.00
Adder for Auto Reverse Scraper Lift	\$400.00
Adder for Key Calibration 5100	\$202.00
Adder for Supervisor Key	\$28.00
Pup Section (ADDER) (Includes extra valve section)	\$954.00
Prewet Section (ADDER)	\$650.00
Adder for Extra Valve Section Electric	\$750.00
Adder for Hydraulic Prewet Feedback	\$305.00
Adder for Electric Closed Loop Prewet	\$693.00
Adder for Electric Open Loop Prewet	\$410.00
Adder for optional Harness for Gravity Prewet	\$95.00
Adder for Direct Application Valve Module, Feedback, & 3-Lane Switch Pkg	\$2,025.00
U-2 nitrogen accumulater (ADDER)	\$695.00
PRECISE Vehicle Tracking Options	PRICE
11001047 IX-50 US SIM	\$278.00
1015282 Finassy-IX101-H-US-SIM	\$417.00
1015262 Finassy-IX402-H Kit-US-SIM 6950412	\$695.00

1015263 Finassy-IX403-H-Kit-US-SIM 6950413	\$722.00
1015333 Antenna-EXT-UMTS/GPS Magnetic Mount 2260040	\$56.00
1015338 Antenna-EXT-Wifi/GPS Magnetic Mount 2261781	\$40.00
1095475 Antenna-EXT-Wifi/GPS Perm Mount 5m Cable RPSMA/SMA 2260006	\$56.00
1015334 Antenna-Covert-GSM/GPS Adhesive Mount 2260041	\$84.00
1015317 Cable EXT- IO Serial 1x201/301/302/403 2260006	\$10.00
1015318 Cable EXT I/O Breakout Precise 2260007 ix201/301/302 2260007	\$25.00
1095159 Tilt Sqwitch W/Bracket REV A 6950006	\$70.00
1015422 Hydac Pressure Switch kit Deutsch Connector 20Ft Harness 6950006	\$206
1015456 Adjustable Pressure Switch 65-300 PSI PS70-30-MNZ-C-HC	\$170
1015448 Key-Upgrade-Event Logging Ssc5100 9873A001	\$140
1015425 lbutton-Can-Driver id 6950022	\$195
1015450 Key-Driver Ssc5100 9882A001	\$25
1015241 Impact Sensor 1210070	\$90
1015276 Finassy-ld101-Vdt 6950020	\$200
1015275 Acess Point-Ap-211-Entire Kit 6950019	\$1,556
1015454 6100 Event Log Authentication Module For use With Other Avl ELA-MODULE	\$225
Installation on Truck	\$200

Cost per loaded mile for pickup and or delivery of vehicle (if applicable):

Cost per loaded mile for delivery \$2.00

VENDOR: J-Craft Inc

CONTACT PERSON: Don Gorny, Brandon Oachs or Shane Bretzman

ADDRESS: 52182 Ember Road lake Crystal Mn 56055

PHONE NO. 800-763-6017

TOLL FREE: 800-763-6017

FAX NO. 507-726-2559

E-MAIL ADDRESS: dgorny@tbei.com, boachs@tbei.com, or sbretzman@tbei.com

1650734	4020LS VALVE 5 FUNCTIONS INSTALLED	\$5,004.00
1650736	4020LS VALVE 6 FUNCTIONS INSTALLED	\$5,262.00
1650738	4020LS VALVE 7 FUNCTIONS INSTALLED	\$5,521.00
1650740	4020LS VALVE 8 FUNCTIONS INSTALLED	\$5,780.00
1650742	4020LS VALVE 9 FUNCTIONS INSTALLED	\$6,039.00
1651261	4020LS VALVE10 FUNCTIONS INSTALLED	\$6,298.00
P/N#	Valve Control Systems	PRICE
1650813	cable control w/3 button control 5 functions installed	\$1,775.00
1650815	cable control w/3 button control 6 functions installed	\$1,850.00
1650817	cable control w/3 button control 7 functions installed	\$1,945.00
1650819	cable control w/3 button control 8 functions installed	\$2,050.00
1650821	cable control w/3 button control 9 functions installed	\$2,150.00
1651219	cable control w/3 button control 10 functions installed	\$2,300.00
P/N#	Return Filter Systems	PRICE
1650467	Spin-on filter with condition gauge Installed	\$380.00
1650469	Spin-on filter with 12/volt condition gauge Installed	\$490.00
1650473	IN-TANK mounted filter in lieu of Spin-On style installed	\$395.00
1650471	High pressure filter & indicator installed	\$690.00
P/N#	Reservoir Systems	PRICE
1650434	30 gal standard reservoir for L/S system installed	\$1,528.00
1650436	30 gal standard reservoir W/ intank filter provision for L/S system, installed	\$1,688.00
1650438	Slim-Line (space saver) 30 gal reservoir L/S installed	\$1,742.00
1650440	Slim-Line (space saver) 30 gal reservoir w/intank filter provision, installed	\$1,820.00
1312130	40 gal Round reservoir L/S installed	\$2,150.00
1650442	Stationary Cabshield mounted reservoir (painted carbon steel) w/in-tank filter provision, installed	\$1,600.00
1650444	Stationary Cabshield mounted reservoir (stainless steel) w/intank filter provision, installed	\$2,250.00
P/N#	PUMP SYSTEMS	PRICE
1650456	Force DASD34L LS pump (4.67 ci) installed	\$2,750.00
1650637	Force DASD34L LS pump (4.67 ci) W/ Elect shut down installed	\$3,224.00
1650458	Force DASD45L LS pump (6 ci) installed	\$3,141.00

1650635	Force DASD45L LS pump (6 ci) W / Elect shut down installed	\$3,646.00
1650460	Force TXV92 (5.6 ci) pump, w/ constant mesh P.T.O. for Allison Trans application, installed	\$3,620.00
1650651	Force TXV92 (5.6 ci) pump, w/ constant mesh P.T.O. for Allison Trans application, W/ ELECT SHUT DOWN installed	\$4,500.00
1312385	Force TXV92 (5.6 ci) pump, w/ hotshift P.T.O. for Allison Trans application, installed	\$4,600.00
1312386	Force TXV92 (5.6 ci) pump, w/ hotshift P.T.O. for Allison Trans application, W/ ELECT SHUT DOWN installed	\$4,525.00
P/N#	SANDER CONTROL SYSTEMS	PRICE
1650760	CABLE CTRL 5100EX-3F W 3F Harness control Ground Based open loop type installed (Only goes off Speedometer)	\$2,025.00
1650770	CABLE CTRL Force SSC-5100EX digital control Ground based, closed loop type, w/digital readout installed (Feedback Capabile)	\$3,150.00
1650766	CABLE CTRL Force SSC-5100EX digital control W-AUGER REVERSE Ground based, closed loop type, w/digital readout installed	\$4,450.00
P/N#	ADD ON OPTIONS	PRICE
1650448	Low oil indicator system 30 GAL STD , w/light in cab installed	\$250.00
1650450	Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab installed	\$235.00
1650452	Low oil indicator system, 40 GAL ROUND w/light in cab installed	\$260.00
1312382	Temp/Low oil indicator system 30 GAL STD , w/light in cab installed	\$260.00
1312383	Temp/Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab installed	\$260.00
1312384	Temp/Low oil indicator system, 40 GAL ROUND w/light in cab installed	\$260.00
1650429	Cable pull-off valve (for use w/telescopic hoist) installed	\$478.00
1650453	Wing-Loc valve (for use on wing heel cylinder, when hyd extendable push-bar options is on wing) installed	\$278.00
1650429	Cable pull-off valve (for use w/telescopic hoist) installed	\$478.00
1650453	Wing-Loc valve W/Relief (for use on wing heel cylinder, when hyd extendable push-bar options is on wing) installed	\$336.00
1350999	Standard Lock Valve Installed	\$202.00
1650653	Dual selector valve (manual) installed	\$380.00
1650655	Dual selector valve (Electrical) installed	\$450.00
1650465	2-port 1/2" hose coupler system installed	\$665.00
1650463	4-port 1/2" hose coupler system installed	\$1,050.00
1309453	6-port 1/2" hose coupler system installed	\$1,785.00

PRICE SCHEDULE 9.0
Hydraulics

VENDOR TO PROVIDE
FOLLOWING DETAIL

Roller Combo Hydraulic Systems (For standard dump hyd)	PRICE
HYD KIT DM VT-10GPM, 10GAL UB 2000 DA860	\$726.00
CARTON HOIST INSTALL RC540-860	\$68.00
HYD KIT DM VT-15GPM, 18GAL UB 2700 DA	\$872.00
CARTON HOIST INSTALL RC580-6100 02	\$149.00
ROLLER COMBO HYDRAULIC KIT INSTALLATION	\$625.00
Turbo / Marathon / Mailhot Hoist Hydraulic Systems	PRICE
HYD KIT DM PV 'C' SA 20GPM 2500 PSI (Manual Trans)	\$501.00
HYD KIT DM PV 'C' SA 20GPM 2500 PSI (Automatic Trans)	\$501.00
HYD KIT DM PV 'C' SA 25GPM 2500 PSI (Manual Trans)	\$501.00
HYD KIT DM 1V SA 15GPM 2500 PSI (Automatic Trans)	\$562.00
HYD KIT DM 1V BLB SA 25GPM 2500 PSI (Automatic Trans)	\$1,114.00
HYD KIT DM M63/74 DA 19GPM, 'G' 2500 PSI (Manual Trans)	\$710.00
HYD KIT DM 1V BLB DA 25GPM 2500 PSI (Automatic Trans)	\$1,227.00
RETURN LINE FILTER KIT	\$167.00
TELESCOPIC HYDRAULIC KIT INSTALLATION	\$425.00
Turbo / Marathon / Mailhot Hoist PTO Systems	PRICE
MANUAL TRANSMISSION PTO INSTALLED (FOR STANDARD HYD)	\$780.00
AUTOMATIC HOTSHIFT PTO INSTALLED (FOR STANDARD HYDRAULICS)	\$1,450.00
Turbo / Marathon / Mailhot Hoist Reservoir Systems	PRICE
KIT RESERVOIR 16 GAL /FRAME	\$204.00
KIT RESERVOIR 28 GAL /FRAME MOUNTED	\$221.00
KIT RESERVOIR 22 GAL /DOG HOUSE	\$271.00
KIT RESERVOIR 40 GAL /FRAME MOUNTED	\$257.00
KIT RESERVOIR 25 GAL /DOG HOUSE	\$291.00
KIT RESERVOIR 29 GAL SF TURBO	\$406.00
KIT RESERVOIR 39 GAL /SL FR STL (SLOPED FRONT)	\$490.00
KIT RESERVOIR 30 GAL / DOG HOUSE MAILHOT	\$268.00
TURBO RESERVOIR KIT INSTALLATION	\$225.00
Turbo / Marathon / Mailhot Hoist Hinge Systems	PRICE
ASSY HINGE W/PAD REAR REMLARGE (STD) INSTALLED	\$425.00
5 X 8 HINGE ASSEMBLY INSTALLED	\$425.00
5 X 5 HINGE ASSEMBLY INSTALLED	\$425.00
Turbo / Marathon / Mailhot Control Systems	PRICE
KIT HOIST CONTROL - 7' COMMERCIAL 'C'	\$226.00
KIT HOIST CONTROL - 10' COMMERCIAL 'C'	\$232.00
KIT HOIST CONTROL - 7' COMMERCIAL 'G'	\$226.00
KIT HOIST CONTROL - 7' PRINCE	\$210.00
KIT AIR SHIFT - C102 SGL DET CNTRL	\$376.00
KIT HOIST CONTROL - 7' BLB	\$245.00
KIT HOIST CONTROL - 10' BLB	\$248.00
KIT AIR SHIFT - C102 SGL DET CNTRL	\$310.00
KIT AIR SHIFT F/ BLB BM150/180 SGL DET	\$376.00
TELESCOPIC CABLE CONTROL & WIRING OF TRUCK INSTALLATION	\$900.00
Body Cable Pull Off Kits (For standard hyd options only)	PRICE
KIT CABLE PULL OFF (SINGLE ACTING HOIST REMOTE VALVE)	\$45.00
CABLE PULL OFF VALVE INSTALLED (AIR)	\$211.00
HYVA, 1/4" KNOCK OFF VALVE-INSTALLED (AIR)	\$211.00
CABLE PULL OFF VALVE-INS (ONLY FOR DOUBLE ACTING HOIST)	\$425.00

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Cost per loaded mile for delivery \$2.00

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