

G00210220	\$	851.32		Super Cutter 150 Pulling Device 8" up to 32"
G00800012	\$	508.35		1" HP Swivel
A00800055	\$	29.36		Grease Gun
A00800057	\$	125.64		Tool Box 28"
A00800066	\$	74.95		Heavy Duty Chain Breaker
G00801034	\$	508.35		1" - 3/4" HP Swivel For Machines Running 3/4" Hose
A00900018	\$	107.05		1" Leader Hose
A00900030	\$	7.86		Allen Wrench 6MM
A00900031	\$	5.00		Allen Wrench 5MM
A00900032	\$	3.81		Allen Wrench 4MM
A00900033	\$	3.55		Allen Wrench 3MM
A00900034	\$	8.78		LocTite Blue
A00900035	\$	19.47		LocTite Anti-Seize
A00900036	\$	35.24		Chain Cutter Wrench Set
Super 200 Chain Cutter Kit				
200151-C	\$	7,810.10		Super 200 Chain Cutter Kit
Includes the Following				
G00100174	\$		47.34	Titanium Ceramic M14 Inserts for Propulsion (Requires 5)
G00100175	\$		35.50	Titanium Ceramic M6 Inserts for Rotation (Requires 4)
G00200007	\$	11.58		Dismantling Key
G00200017	\$	98.85		Rotating Spinner 16MM (Requires 4)
G00200019	\$	157.48		Rotating Spinner 50MM (Requires 4)
G00200022	\$	323.21		15' Replacement Chain
G00200033	\$	4.23		Hex Head Bolt 8MM Short
G00200035	\$	34.97		Chain Retainer Bolts (Requires 2)
G00200070	\$	460.31		Cross Cutter Stainless Steel
G00200242	\$	5,992.50		Super 200 Chain Cutter Main Body Only
G00210010	\$	158.58		Super 200 Regular Skid
G00210014	\$	253.33		SCP 200 Distance Plate 4 X 6
G00210031	\$	14.19		Protective Synthetic O-Ring
G00210083	\$	2.33		Hex Head Nut 8MM

G00210084	\$	2.33		Lock Washer	
G00800012	\$	508.35		1" HP Swivel	
A00800055	\$	29.36		Grease Gun	
A00800057	\$	125.64		Tool Box 28"	
A00800066	\$	74.95		Heavy Duty Chain Breaker	
G00801034	\$	508.35		1" - 3/4" HP Swivel For Machines Running 3/4" Hose	
A00900018	\$	107.04		1" Leader Hose	
A00900029	\$	13.50		Allen Wrench 8MM	
A00900030	\$	7.86		Allen Wrench 6MM	
A00900031	\$	5.00		Allen Wrench 5MM	
A00900032	\$	3.81		Allen Wrench 4MM	
A00900033	\$	3.55		Allen Wrench 3MM	
A00900034	\$	8.78		LocTite Blue	
A00900035	\$	19.47		LocTite Anti-Seize	
A00900036	\$	35.24		Chain Cutter Wrench Set	
Super Cutter 200 Expansion to 32"					
200901-C	\$		2,173.53	Super Cutter 200 Expansion to 32"	
Includes the Following					
G00100175	\$		35.50	Titanium Ceramic M6 Inserts (Require 4)	
G00200020	\$	217.47		Rotating Spinners 100MM (Requires 4)	
G00210011	\$	207.50		20" Long Skid (Requires 4)	
G00210015	\$	65.33		Distance Plate 4" X 9" (Requires 4)	
G00210082	\$	368.00		Hexagon Socket Screw M8 X 25mm (Requires 10)	
G00210083	\$	2.33		Hexagon Nuts 8MM (Requires 10)	
G00210084	\$	2.33		Lock Washer 8MM (Requires 10)	
Super Cutter 200 Expansion to 32" to 48"					
G00200902-C	\$		4,627.92	Super Cutter 200 Expansion to 32" to 48"	
G00200034	\$	495.45		spacer 300 mm (Requires 1)	
G00210001	\$	249.56		distance plate 380 x 120 mm with angle (Requires 6)	
G00210002	\$	473.44		skid long, completely with 2 rolls(Requires 3)	
G00210003	\$	468.12		skid long, completely with 3 rolls(Requires 3)	

G00210014	\$	253.33		distance plate 145 x 95 mm (Requires 3 )
G00210025	\$	1,269.84		connection tube (Requires 1 )
G00210082	\$	3.68		hexagon head screw M8 x 25 (Requires 36 )
G00210083	\$	2.33		hexagon nut M8 (Requires 36 )
G00210084	\$	2.33		spring washer M8 (Requires 36)
G00800013	\$	555.86		Swivel 11/4" X 11/4"(Requires 1 )
Super Cutter 200 Spray Bars				
G00100175			\$	Titanium M6 Inserts - Spray Bar (Requires 3 per head, 12 per set)
G00200038	\$	176.23		Tube Extension 4" (Requires 4)
G00200039	\$	194.62		Tube Extension 6" (Requires 4) (Requires 200903-C)
G00200040	\$	212.98		Tube Extension 10" (Requires 4) (Requires 200903-C)
G00200041	\$	613.14		Spray Bar (Requires 4)
G00200076	\$	168.90		Tube Extension 2" (Requires 4)
Super Cutter 200 Pulling Device				
G00210220	\$	851.32		Super Cutter 150 Pulling Device 8" up to 32"
Super Cutter 200 Pulling Device to 48"				
210210			\$	Pulling device from 32" up to 48" Complete
G00200022	\$	323.21		Chain 5 m
G00210200	\$	157.81		Pulling Device Top Plate
G00210201	\$	300.94		Pulling Device Pulling Tube
G00210202	\$	1,431.89		Pulling Device Chain Holder Base
G00210203	\$	836.77		Pulling Device Chain Holder (Requires 3)
G00210204	\$	66.10		Pulling Eye
G00210205	\$	4.22		Pulling Device Socket Screw M6 X 30 (Requires 12)
G00210206	\$	2.53		Pulling Device Lock Washer M6 (Requires 12)
G00210207	\$	2.39		Pulling Device Washer M6 (Requires 12)
G00210208	\$	2.53		Pulling Device Hexagon Nut M8 (Requires 12)
G00210052	\$	0.61		Pulling Device Socket Screw M8x30 (Requires 6)
G00210083	\$	2.33		Pulling Device Hexagon Nut M8 (Requires 6)
G00210103	\$	3.55		Pulling Device Screwed Pin (Requires 3)
Super Cutter 200 Parts				

G00100174		\$	47.34	Titanium Ceramic M14 Inserts (Requires 5)
G00100175		\$	35.50	Titanium Ceramic M6 Inserts (Requires 8)
G00200007	\$ 11.58			Dismantling Key
G00200016	\$ 86.63			Rotating Spinner 8MM (Requires 4)
G00200017	\$ 98.85			Rotating Spinner 16MM (Requires 4)
G00200018	\$ 109.55			Rotating Spinner 30MM (Requires 4)
G00200019	\$ 157.48			Rotating Spinner 50MM (Requires 4)
G00200020	\$ 217.47			Rotating Spinner 100MM (Requires 4)
G00200022	\$ 323.21			15' Replacement Chain
G00200033	\$ 4.23			Hex Head Bolt 8MM Short
G00200035	\$ 34.97			Chain Retainer Bolts (Requires 2)
G00200036	\$ 85.69			Locking Pin for Cross Cutter
G00200038	\$ 176.23			Tube Extension 4" (Requires 4)
G00200039	\$ 194.62			Tube Extension 6" (Requires 4) (Requires 200903-C)
G00200040	\$ 212.98			Tube Extension 10" (Requires 4) (Requires 200903-C)
G00200041	\$ 613.14			Spray Bar (Requires 4)
G00200070	\$ 311.66			Cross Cutter Stainless Steel
G00200073	\$ 2.55			Screw - Socket Hex Cap - M6 X 18MM
G00200076	\$ 168.90			Tube Extension 2" (Requires 4)
G00200151	\$ 7,522.91			Super 200 Chain Cutter Main Body Only
G00210010	\$ 158.58			Super 200 Regular Skid
G00210011	\$ 207.50			20" Long Skid
G00210014	\$ 253.33			Super 200 Distance Plate 4 X 6
G00210015	\$ 65.33			Distance Plate 4" X 9"
G00210023	\$ 1,889.48			Running Axle
G00210024	\$ 1,033.89			Rotating Body
G00210025	\$ 1,269.84			Fin Assembly
G00210026	\$ 163.25			Bearing Plate
G00210027	\$ 984.27			Chain Retainer
G00210028	\$ 82.45			Bearing Plate, Bronze Plated
G00210030	\$ 147.29			Bushing (Requires 2)
G00210031	\$ 14.19			Protective Synthetic O-Ring



G00210052	\$	4.22		Hex Screw M8X30
G00210083	\$	2.33		Hex Head Nut 8MM
G00210084	\$	2.33		Lock Washer
G00210099	\$	14.20		Retaining Ring D44 (Requires 2)
G00210102	\$	3.55		Locking Jam Screw Pin M8X12 90 degree Point
G00210103	\$	3.55		Jam Screw M8X12 Hex Head
G00210111	\$	77.07		Tips or Blocks For Chain Per Set (Requires 2)
G00210200	\$	157.81		Pulling Device Top Plate
G00210201	\$	300.94		Pulling Device Pulling Tube
G00210202	\$	1,431.89		Pulling Device Chain Holder Base
G00210203	\$	836.77		Pulling Device Chain Holder (Requires 3)
G00210204	\$	66.10		Pulling Eye
G00210205	\$	4.22		Pulling Device Socket Screw M6 X 30 (Requires 12)
G00210206	\$	2.53		Pulling Device Lock Washer M6 (Requires 12)
G00210207	\$	2.39		Pulling Device Washer M6 (Requires 12)
G00210208	\$	2.53		Pulling Device Hexagon Nut M8 (Requires 12)
G00210220	\$	851.32		Super Cutter 150/200 Pulling Device 8" up to 32"
G00800012	\$	508.35		1" HP Swivel
A008000055	\$	25.98		Grease Gun
A008000057	\$	125.64		Tool Box 28"
A008000066	\$	74.95		Heavy Duty Chain Breaker
G00801034	\$	508.35		1" - 3/4" HP Swivel For Machines Running 3/4" Hose
A009000018	\$	107.04		1" Leader Hose
A009000029	\$	13.50		Allen Wrench 8MM
A009000030	\$	7.86		Allen Wrench 6MM
A009000031	\$	5.00		Allen Wrench 5MM
A009000032	\$	3.81		Allen Wrench 4MM
A009000033	\$	3.55		Allen Wrench 3MM
A009000034	\$	8.78		LocTite Blue
A009000035	\$	19.47		LocTite Anti-Seize
A009000036	\$	35.24		Chain Cutter Wrench Set

Super Nova 4000 Chain Cutter Kit

200400-C			\$	10,682.28	Super Nova 4000
G00100174			\$	47.34	M 14 Tit. Ceramic Inserts (Requires 5)
G00100175			\$	35.50	M 6 Tit Ceramic Inserts (Requires 8)
G00200009	\$	3.67			Socket Screws M8X20 (Requires 2)
G00200017	\$	98.85			rotation nozzle (spinners) 16 mm (Requires 4)
G00200018	\$	109.55			rotation nozzle (spinners) 30 mm (Requires 4)
G002000410	\$	2,000.26			Running Axle
G002000411	\$	2,518.05			Rotating Body
G002000412	\$	1,108.37			Chain Retainer
G002000413	\$	2,561.72			Base Body
G002000414	\$	220.20			Skids
G002000415	\$	88.08			Distance Plate 129 X 95 (Requires 5)
G002000422	\$	355.98			Chain 5 Meters
G002000423	\$	47.73			Bolts for Chain (Requires 2)
G002000424	\$	5.53			Socket Screw M10X30 with nut and washer (Requires 10)
G002000425	\$	5.53			Socket Screw M10X30 with nut and washer (Requires 10)
G002000426	\$	414.72			Teflon Bushing (Requires 2)
G00210111	\$	77.07			Tips or Blocks For Chain Per Set of 2 (Requires 2) (Optional)
G00210026	\$	163.25			Bearing Plate (Requires 1)
G00210028	\$	82.45			Bearing Plate, Bronze Plated (Requires 1)
G00210031	\$	14.19			Protective Ring (Requires 1)
G00210053	\$	3.68			Cylinder Screw (Requires 5)
G00210074	\$	3.68			Socket Screws M10X30 (Requires 8)
G00210099	\$	12.87			Retaining Ring (Requires 2)
G00800013	\$	555.86			Swivel 1 1/4" X 1 1/4"
A008000055	\$	29.36			Grease Gun
A008000057	\$	125.64			Tool Box 28"
A008000059	\$	7.35			Screw Plug 1"
A008000060	\$	7.35			Screw Plug 1 1/4"

A00800066	\$	74.95			Heavy Duty Chain Breaker
G00801141	\$	555.86			Swivel 11/4" X 1"
A00900029	\$	13.50			Allen Wrench 8MM
A00900030	\$	7.86			Allen Wrench 6MM
A00900031	\$	5.00			Allen Wrench 5MM
A00900033	\$	3.55			Allen Wrench 3MM
A00900034	\$	8.78			LocTite Blue
A00900035	\$	19.47			LocTite Anti-Seize
A00900036	\$	35.24			Chain Cutter Wrench Set
SUPER NOVA 4000 EXPANSION KIT FROM 16" TO 24"					
200402-C			\$	2,503.18	Super Nova 4000 Expansion Kit From 16" to 24"
G00100175			\$	35.50	Titanium Ceramic Inserts M6 (Requires 4)
G00200019	\$	157.48			Rotation Nozzles (Spinners) 50mm (Requires 4)
G00200420	\$	418.56			Skids up to 24" (Requires 5)
SUPER NOVA 4000 EXPANSION KIT FROM 24" TO 32"					
200403-C			\$	3,194.55	Super Nova 4000 Expansion Kit From 24" to 32"
G00100175			\$	35.50	Titanium Ceramic Inserts M6 (Requires 4)
G00200020	\$	217.47			Rotation Nozzles (Spinners) 100mm (Requires 4)
G00200421	\$	506.68			Skids with Wheels (Requires 5)
SUPER NOVA 4000 EXPANSION KIT FROM 32" TO 48"					
200404-C			\$	4,354.41	Super Nova 4000 Expansion Kit from 32" to 48"
G00200034	\$	495.45			Spacer 300mm
G00200416	\$	106.44			Distance plate 129 x 200 (Requires 3)
G00200417	\$	141.97			Distance Plate 129 x 300 (Requires 3)
G00200422	\$	355.98			5M Chain
G00200424	\$	5.53			Hexagon Screw m10X30 complete with nut and lock washer (Requires 24)
G00210001	\$	249.56			Distance Plate 380 x 120mm with angle (Requires 3)
G00210002	\$	473.44			Skid long, complete with 2 rollers (Requires 3)
G00210014	\$	253.33			Distance Plate 95 x 145 (Requires 3)
G00210025	\$	1,269.84			Connection Tube

G00210082	\$	3.68		Hexagon Screw M8 x 25 (Requires 24)
G00210083	\$	2.33		Hexagon Nut M8 (Requires 24)
G00210084	\$	2.33		Lock Washer M8 (Requires 24)
A00800057	\$	125.64		Tool Box 28"
Optional:				
G00200421	\$	506.68		skid for set up to 32" complete with wheels not included in standard delivery - not necessary if already purchased (Requires 3)
Pulling Device Super Nova for Pipe Diameters 200-800mm				
G00200430	\$	2,259.20		Pulling Device Super Nova for Pipe Diameters 200-800mm
FOLLOWING PARTS ARE INCLUDED:				
G00200049	\$	286.27		Pulling Device Teflon Bushing
G00200430	\$	2,259.20		Pulling Device Super Nova for Pipe Diameters 200-800mm
G00200431	\$	12.86		Pulling Device Protective Ring
G00200432	\$	311.96		Pulling Device Holding Disk
G00200433	\$	425.73		Pulling Device Body with Guide
G00210027	\$	984.27		Pulling Device Chain Holder
G00210085	\$	4.64		Hexagon Screw M6 X 16 (Requires 4)
G00210204	\$	66.10		Pulling eye Complete with nut and washer M10
210210	\$	4,218.56		Pulling Device Super Nova for Pipe Diameters up to 48:
G00200422	\$	355.98		5M Chain
G00210052	\$	0.61		Socket Screw M8 X 30 (Requires 6)
G00210083	\$	2.33		Hexagon Nut M8 (Requires 6)
G00210103	\$	3.55		Pulling Device Screw Pin (Requires 3)
G00210200	\$	157.81		Pulling Device Top Plate
G00210201	\$	300.94		Pulling Device Pulling Tube
G00210202	\$	1,431.89		Pulling Device Chain Holder Base
G00210203	\$	836.77		Pulling Device Chain Holder (Requires 3)

G00210204	\$	66.10		Pulling Eye
G00210205	\$	4.22		Pulling Device Socket Screw M6 X 30 (Requires 12)
G00210206	\$	2.53		Pulling Device Lock Washer M6 (Requires 12)
G00210207	\$	2.39		Pulling Device Washer M6 (Requires 12)
G00210208	\$	2.53		Pulling Device Hexagon Nut M8 (Requires 12)
G00210210	\$	4,218.56		Pulling Device For SN 4000 complete
Additional Equipment - Super Nova 4000 - For Cleaning Interior Pipe Walls from 300MM and up				
G00100175	\$		35.50	M6 Titanium Ceramic Inserts
G00200038	\$	2.60		Tube Extension 100MM (Requires 4)
G00200039	\$	194.62		Tube Extension 150MM (Requires 4)
G00200040	\$	212.98		Tube Extension 250MM (Requires 4)
G00200041	\$	613.14		Spray Bars SCP200 (Requires 4)
G00200076	\$	168.90		Tube Extension 50MM (Requires 4)
G00200077	\$	253.26		Tube Extension 400MM (Requires 4)
Super Nova 4000 Parts				
G00100174	\$		47.34	Titanium Ceramic M14 Inserts (Requires 5)
G00100175	\$		35.50	Titanium Ceramic M6 Inserts (Requires 8)
G00200009	\$	3.67		Socket Screws M8X20 (Requires 2 )
G00200016	\$	86.63		Rotating Spinner 8MM (Requires 4)
G00200017	\$	98.85		Rotating Spinner 16MM (Requires 4)
G00200018	\$	109.55		Rotating Spinner 30MM (Requires 4)
G00200019	\$	157.48		Rotating Spinner 50MM (Requires 4)
G00200020	\$	217.47		Rotating Spinner 100MM (Requires 4)
G00200034	\$	495.45		Spacer 300mm
G00200038	\$	176.23		Tube Extension 100MM (Requires 4)
G00200039	\$	194.62		Tube Extension 150MM (Requires 4)
G00200040	\$	212.98		Tube Extension 250MM (Requires 4)
G00200041	\$	613.14		Spray Bars SCP200 (Requires 4)
G00200049	\$	286.27		Pulling Device Teflon Bushing
G00200076	\$	168.90		Tube Extension 50MM (Requires 4)
G00200077	\$	253.26		Tube Extension 400MM (Requires 4)
G002000410	\$	2,000.26		Running Axle

G00200411	\$	2,518.05		Rotating Body	
G00200412	\$	1,108.37		Chain Retainer	
G00200413	\$	2,561.72		Base Body	
G00200414	\$	220.20		Skids	
G00200415	\$	88.08		Distance Plate 129 X 95 (Requires 5)	
G00200416	\$	106.44		Distance plate 129 x 200 (Requires 3)	
G00200417	\$	141.97		Distance Plate 129 x 300 (Requires 3)	
G00200422	\$	356.01		Chain 5 Meters	
G00200423	\$	47.73		Bolts for Chain (Requires 2)	
G00200424	\$	5.53		Socket Screw M10X30 with nut and washer (Requires 10)	
G00200425	\$	5.53		Socket Screw M10X30 with nut and washer (Requires 10)	
G00200426	\$	414.72		Teflon Bushing ( Requires 2)	
G00200430	\$	2,259.20		Pulling Device Super Nova for Pipe Diameters 200-800mm	
G00200431	\$	12.86		Pulling device Protective Ring	
G00200432	\$	311.96		Pulling Device Holding Disk	
G00200433	\$	425.73		Pulling Device Body with Guide	
G00210111	\$	77.07		Tips or Blocks For Chain Per Set of 2	
G00210026	\$	163.25		Bearing Plate (Requires 1)	
G00210027	\$	984.27		Pulling Device Chain Holder	
G00210028	\$	82.45		Bearing Plate, Bronze Plated (Requires 1)	
G00210031	\$	14.14		Protective Ring(Requires 1)	
G00210053	\$	3.68		Cylinder Screw (Requires 5)	
G00210074	\$	3.68		Socket Screws M10X30 (Requires 8)	
G00210082	\$	3.68		Hexagon Screw M8 x 25 (Requires 24)	
G00210083	\$	2.33		Hexagon Nut M8 (Requires 24)	
G00210084	\$	2.33		Lock Washer M8 (Requires 24)	
G00210085	\$	3.68		Hexagon Screw M6 X 16 (Requires 4)	
G00210099	\$	12.87		Retaining Ring (Requires 2)	
G00210103	\$	3.55		Screw Pin (Requires 3)	

G00210200	\$	157.81		Pulling Device Top Plate	
G00210201	\$	300.94		Pulling Device Pulling Tube	
G00210202	\$	1,431.88		Pulling Device Chain Holder Base	
G00210203	\$	836.77		Pulling Device Chain Holder (Requires 3)	
G00210204	\$	66.10		Pulling Eye	
G00210205	\$	4.22		Pulling Device Socket Screw M6 X 30 (Requires 12)	
G00210206	\$	2.53		Pulling Device Lock Washer M6 (Requires 12)	
G00210207	\$	2.39		Pulling Device Washer M6 (Requires 12)	
G00210208	\$	2.53		Pulling Device Hexagon Nut M8 (Requires 12)	
G00800013	\$	555.86		Swivel 1 1/4" X 1 1/4"	
A008000055	\$	29.36		Grease Gun	
A008000057	\$	125.64		Tool Box 28"	
A008000059	\$	2.66		Screw Plug 1"	
A008000060	\$	2.95		Screw Plug 1 1/4"	
A008000066	\$	1.11		Heavy Duty Chain Breaker	
G00801141	\$	555.86		Swivel 1 1/4" X 1"	
A009000029	\$	13.50		Allen Wrench 8MM	
A009000030	\$	7.86		Allen Wrench 6MM	
A009000031	\$	5.00		Allen Wrench 5MM	
A009000033	\$	3.55		Allen Wrench 3MM	
A009000034	\$	8.78		LocTite Blue	
A009000035	\$	19.47		LocTite Anti-Seize	
A009000036	\$	35.24		Chain Cutter Wrench Set	

## KITS

KIT-0.50 13 PC		\$	5,401.57	Cleaning, Traction, Standard, Sewer Flush, Ball, Forward Jet, Egg Devastator, Rambo, Rotor, Micro Chain Cutter, 4 "
KIT-0.50 5 PC	\$	2,063.88	\$	Skid for Micro, 13 Piece Case
KIT-0.50-BASC	\$	1,136.60	\$	Cleaning, Traction, Rambo, Rotor, Ball, 5 Piece Case
KIT-0.50-CLN	\$	2,659.39	\$	Cleaning, Traction, Triple Edge Quattro, Pelican Case
				Cleaning, Traction, Triple Edge Quattro, Forward Jet, Rotor, Sewer Flush, 5 Piece Case

KIT-0.50-COMP	\$	2,638.56	\$	3,067.96	Cleaning, Traction, Rambo, Forward Jet, Rotor, Egg Devastator, 5 Piece Case
KIT-0.50-GRSE	\$	2,100.74	\$	2,645.75	Cleaning, Traction, Triple Edge Quattro, Forward Jet, Rotor, 5 Piece Case
KIT-0.50-PLMB	\$	1,370.56	\$	1,669.96	Cleaning, Traction, Triple Edge Quattro, Forward Jet, 5 Piece Case
KIT-0.50-SANI	\$	1,947.23	\$	2,392.63	Cleaning, Traction, Rambo, Rotor, 5 Piece Case
3/4" KIT					
KIT-0.75-BASC	\$	3,958.59	\$	4,551.73	Rambo, Cleaning, Traction, Torpedo, 3/4" Case
KIT-0.75-SANI	\$	5,165.63	\$	5,894.71	Rambo, Cleaning, Traction, Torpedo, Rotor, 3/4" Case
KIT-0.75-STRM	\$	6,127.64	\$	7,131.68	Royal, Torpedo, Sewer, Traction, Rambo, 3/4" Case
KIT-0.75-STRTR	\$	1,875.84	\$	2,261.84	Traction, Triple Edge Quattro, Cleaning, 3 Nozzle Case
1" KITS					
KIT-1-BASC	\$	4,801.02	\$	5,469.26	Torpedo, Cleaning, Traction, Rambo, 1" Case
KIT-1-COMP	\$	7,922.53	\$	8,707.69	Torpedo, Cleaning, Traction, Rambo, Royal, Small Rotor, 1" Case
KIT-1-SANI	\$	5,961.57	\$	6,955.36	Torpedo, Cleaning, Traction, Rambo, Small Rotor, 1" Case
KIT-1-STRM	\$	6,203.35	\$	7,384.16	Royal, Torpedo, Sewer, Traction, Rambo, 1" Case
KIT-1-STRTR	\$	2,613.13	\$	2,941.95	Cleaning, Traction, Triple Edge Quattro, 3 Nozzle Case
ALUMINUM KIT					
KIT-1-ALUM	\$	5,652.00	\$	6,445.84	Torpedo, Cleaning, Royal, Traction, 1" Case
CASES					
500000			\$	82.84	5 Piece case for 1/2" Nozzles
500001			\$	106.51	13 Piece Case for 1/2" Nozzles
500002			\$	152.67	3 Nozzle Starter Case
500003			\$	284.04	3/4" Nozzle Case
500004			\$	284.04	1" Nozzle Case
500005			\$	82.84	3/8"1/2" Pelican Case with Foam



500006		\$	35.50	1/4" Pelican Case with Foam
500007		\$	326.16	Camera Case
SWIVELS & SKIDS				
FE-412	\$	107.59		1/2" x 4 x 4 Finned Nozzle Skid
FE-41-4WH	\$	112.97		4" Stainless Steel HD Skid
FE-41ALHD	\$	120.79		4" Aluminum Guide Skid HD 3/4"
FE-61-4WH	\$	120.79		6" Stainless Steel HD Skid
FE-61ALHD	\$	120.79		6" Aluminum Guide Skid HD
FE-61ALHD 8"	\$	125.45		6" Aluminum Heavy Duty 8" Long 3/4"
FE-612	\$	118.35		Heavy Duty Aluminum Skid 6"
A00100287P	\$	46.64		Plastic Skids Aqua Power
A00210045P	\$	46.64		Plastic Skids SPC150 Cutter
SDP-060	\$	306.63		1" Proofer Skid 6"x12"
SDP-360	\$	306.63		3/4" Proofer Skid 6"x12"
G00800010	\$	399.69		1/2" x 1/2" Swivel
G00800011	\$	429.81		3/4" X 3/4" Swivel
G00800012	\$	508.35		1" X 1" Swivel
G00800013	\$	555.87		1 1/4" X 1 1/4" Swivel
G00800014	\$	645.29		1 1/2" X 1 1/2" Swivel
G00801012	\$	508.15		1" X 1/2" Swivel
G00801034	\$	508.35		1" X 3/4" Swivel
G00801141	\$	555.86		1 1/4" X 1" Swivel
G00803412	\$	429.81		3/4" X 1/2" Swivel
G00800055-A	\$	5.25		Grease Fitting
Tyger Tails				
700-D089	\$	50.57		3" X 3' Tyger Tails
Other				
800001	\$	107.46	\$	139.74
G00700058_KVC			\$	1,100.36
G00801005			\$	912.26
800004	\$	430.31		
800005	\$	537.90		

Flow Meter Tube Assembly	\$	2,684.37		Flow Meter Tube Assembly including Hitch Attachment and Clear Acrylic Tube
A00800006	\$	5.74		U-Bolt for Flow Meter Assembly
A00800007	\$	12.47		5/8" In Pin w/Clip for Flow Meter Assembly
A00800008	\$	824.69		Hitch Attachment for Flow Meter Assembly
Leader Hose				
LH0810	\$	90.89		1/2" X 10' Leader Hose
LH0815	\$	119.83		1/2" X 15' Leader Hose
LH0820	\$	148.85		1/2" X 20' Leader Hose
LH0825	\$	177.73		1/2" X 25' Leader Hose
LH1210	\$	98.60		3/4" X 10' Leader Hose
LH1215	\$	111.44		3/4" X 15' Leader Hose
LH1220	\$	124.27		3/4" X 20' Leader Hose
LH1225	\$	137.12		3/4" X 25' Leader Hose
LH1610	\$	116.33		1" X 10' Leader Hose
LH1615	\$	129.23		1" X 15' Leader Hose
LH1620	\$	149.20		1" X 20' Leader Hose
LH1625	\$	165.97		1" X 25' Leader Hose
Reducers & Expanders				
A008000023	\$	54.53		Expander 1" x 1 1/4"
A008000024	\$	16.19		Expander 3/4" x 1"
A008000027	\$	11.11		Expander HP 1/2" x 3/4"
A008000020	\$	15.00		Reducer 3/4" x 1/2"
A008000021	\$	15.30		Reducer 1" x 3/4"
A008000022	\$	19.99		Reducer 1 1/4" X 1"
A008000025	\$	15.00		Reducer 1/2" x 3/8"
A008000026	\$	13.33		Reducer 3/8" x 1/4"
A008000028	\$	11.11		Reducer 3/4" to 5/8"
A008000029	\$	34.44		Reducer 1 1/2" x 1 1/4"



# CONTRACT

State of Oklahoma

Dispatch via Print

Supplier 0000242476  
 J & R EQUIPMENT LLC  
 8800 SW 8TH ST  
 OKLAHOMA CITY OK 73127-4923  
 USA

<b>Contract ID</b> 000000000000000000004993			Page 1 of 1	
<b>Contract Dates</b> 10/01/2017 to 09/30/2021		<b>Currency</b> USD	<b>Rate Type</b> CRRNT	<b>Rate Date</b> PO Date
<b>Description:</b> SW193 Sewer Equipment			<b>Contract Maximum</b> 0.00	
<b>TYPE: STATEWIDE</b>				

Tax Exempt? Y      Tax Exempt ID:736017987

**Contract Lines:**

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order		Maximum / Open	
			Qty	Amt	Qty	Amt
1	20111610 / Sewer Equipment Agency fill in type of Sewer Equipment and price at time of order. Pricing/Discount information is attached to the Vendor Contact and order information document.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000	EA		0001
2	20111610 / Options/Accessories This line is for options. See options pricing/discount on attachments to the Vendor information and order documents.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000	EA		0001

**COMMENTS:**

Final = The price is final after adjustments  
 Hard = Apply adjustments regardless of other adjustments  
 Skip = Skip adjustments if any other adjustments have been applied

**Authorized Signature**

*Jennifer McCaulla*



## Statewide Contract Addendum

*This addendum is added to and is to be considered part of the subject contract.*

**Contract Issuance Date:** October 1, 2017

**Statewide Contract #:** SW0193

**Contract Title:** Sewer Cleaning and Inspection Equipment

**Addendum Date:** September 27, 2019

**Addendum #:** 3

This addendum is for the renewal of SW0193, Sewer Cleaning and Inspection Equipment.

Contract period: October 1, 2019 through September 30, 2020.

Any questions can be directed to the Contracting Officer listed below:

Linda Lechtenberg  
405-522-0436  
[Linda.Lechtenberg@omes.ok.gov](mailto:Linda.Lechtenberg@omes.ok.gov)

The following Contractors have agreed to renew their contracts:

**Aries Industries**

Contract # 4990  
Contact person: Larry Brown, [Larry.Brown@ariesindustries.com](mailto:Larry.Brown@ariesindustries.com)  
Contact person: Mike Burczyk, [mike.burczyk@ariesindustries.com](mailto:mike.burczyk@ariesindustries.com)

**Central Oklahoma Winnelson**

Contract # 4991  
Contact person: Ryan Brooks, [rjbrooks@winnelson.com](mailto:rjbrooks@winnelson.com)  
Contact person: Keith Jones, [krjones@winnelson.com](mailto:krjones@winnelson.com)

**Ditchwitch of Oklahoma**

Contract # 5009  
Contact person: Mark Taylor, [mark@ditchwitchok.com](mailto:mark@ditchwitchok.com)  
Contact person: Grant Gooley, [ggooley@ditchwitchok.com](mailto:ggooley@ditchwitchok.com)

**Frontier Equipment Sales**

Contract # 4992  
Contact person: Clark Kerr, [frontierCDK@gmail.com](mailto:frontierCDK@gmail.com)

**J & R Equipment**

Contract # 4993  
Contact person: Rodney Womack, [rwomack@jrequip.net](mailto:rwomack@jrequip.net)

**Key Equipment**

Contract # 5400  
Contact person: Kelly Lane, [Steve@keyequipment.com](mailto:Steve@keyequipment.com)  
Contact person: [rkirkpatrick@keyequipment.com](mailto:rkirkpatrick@keyequipment.com)

**Vermeer Great Plains**

Contract # 5008  
Contact person: James Kirk, [jamesk@vermeergp.com](mailto:jamesk@vermeergp.com)

**Please note the following FY20 price increases:**

Frontier Equipment Sales

See the separate attachments.

Key Equipment Sales

See the separate attachments.

# FRONTIER EQUIPMENT REVISED PRICING

JOHN BEAN

Durand-Wayland, Incorporated  
101 Durand Road  
LaGrange, GA 30241

Valid From:  
To:  
Phone:  
Fax:  
Email:  
Website:

Product Number	Description	Dealer List
40601	350 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz diesel Tier 4 final, 7,000# axle	\$ 52,715
40602	350 gallon, 18 gpm @ 4000 psi Giant pump 74 hp Hatz diesel Tier 4 final, 7,000# axle	\$ 53,168
40603	350 gallon, 40 gpm @ 2000 psi Giant pump 95 hp Ford Gas, 7,000# axle	\$ 56,965
40604	350 gallon, 18 gpm @ 4000 psi Giant pump, 69 hp Ford Gas, 7,000# axle	\$ 53,168
40605	700 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz diesel Tier 4 final, 7,000# axle	\$ 54,825
26328	700 gallon, 40 gpm @ 3000 psi Giant pump, 95 hp V6 Ford Gas, 7,000# axle	\$ 65,750
40596	700 gallon, 18 gpm @ 4000 psi Giant pump, 74 hp Hatz Tier 4 final, 7,000# axle	\$ 55,278
5284907	700 gallon, 40 gpm @ 2000 psi Giant pump, 95 hp Ford gas, 7,000# axle	\$ 58,475
13987	700 gallon, 40 @ 3000 psi Giant pump, 99 hp John Deere Tier 4 final, 7,000# axle	\$ 82,653
40599	700 gallon, 18 @ 4000 psi Giant pump, 69 hp Ford gas, 7,000# axle	\$ 55,278
SKID MOUNTS		
40607	700 gallon, 18 gpm @ 4000 psi Giant pump, 74 hp Hatz Tier 4 final	\$ 51,281
40610	700 gallon, 40 gpm @ 2000 psi Giant pump, 95 hp Ford gas	\$ 55,321
23401	700 gallon, 40 @ 3000 psi Giant pump, 99 hp John Deere Tier 4 final	\$ 79,525
40619	700 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz Tier 4 final	\$ 49,900
40612	700 gallon, 18 @ 4000 psi Giant pump, 69 hp Ford gas	\$ 55,623
40613	350 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz Tier 4 final	\$ 45,813
40615	350 gallon, 18 gpm @ 4000 psi Giant pump 74 hp Hatz Tier 4 final	\$ 45,988
40616	350 gallon, 40 gpm @ 2000 psi Giant pump 95 hp Ford gas	\$ 48,281
40618	350 gallon, 18 gpm @ 4000 psi Giant pump, 69 hp Ford gas	\$ 48,690
12470	Hydraulic temperature gauge	Standard equip
N/A	Electronic weatherproof control panel	
12835	Heavy duty hose guide	
11003	7,000# axle assembly (except skid mounted units)	
N/A	Heavy duty pressure regulator	Standard equip
14854	Cold weather recirculation system	

11622	Auxiliary washdown outlet		
11847	Engine enclosure		
11526	Electric clutch (for water pump)		
10512	Nozzle extension		
26209	Nozzle egg, 3/4"Ø x 20°		
26210	Nozzle egg, 3/4"Ø x 30°		
12834	Tiger Tail hose protector		
10888	Beacon light		
11-8738	Low water light		
OPTIONAL EQUIPMENT			
25295	Isuzu chassis Mounting charge, single reel, 120" L cab-to-axle	\$	1,500.00
25226	Isuzu chassis mounting charge, dual reel, 120" L cab-to-axle	\$	1,500.00
23343	Ford chassis mounting charge, single reel, 108" L cab-to-axle	\$	1,500.00
14-0512	Ford chassis mounting charge, single reel, 120" L cab-to-axle	\$	1,500.00
33666	Hose, 400'L x 3/4"Ø, 2500 psi	\$	1,965.00
26139	Hose, 500'L x 3/4"Ø, 2500 psi	\$	2,020.00
33668	Hose, 600'L x 3/4"Ø, 2500 psi	\$	2,445.00
33667	Hose, 500'L x 3/4"Ø, 3000 psi	\$	2,325.00
16375	Hose, 600'L x 3/4"Ø, 3000 psi	\$	2,630.00
34212	Leader hose, 3/4"Ø x 20' L, 2500 psi	\$	229.00
34212	Leader hose, 3/4"Ø x 20' L, 3000 psi	\$	229.00
24114	Leader hose, 3/4"Ø x 10' L, 3000 psi	\$	195.00
11068	Cleaning nozzle, 3/4"Ø x 20° (for 40 gpm @ 2000 psi)	\$	148.00
11069	Cleaning nozzle, 3/4"Ø x 30° (for 40 gpm @ 2000 psi)	\$	235.00
16450	Heavy duty finned nozzle skid extension, 3/4"Ø	\$	133.00
25581	Nozzle rack	\$	140.00
26207	Nozzle egg, 3/4"Ø x 15° (for 40 gpm @ 2000 psi x 600' L hose)	Price on request	
26208	Nozzle egg, 3/4"Ø x 30° (for 40 gpm @ 2000 psi x 600' L hose)	Price on request	
26209	Nozzle egg, 3/4"Ø x 15° (for 40 gpm @ 3000 psi x 600' L hose)	Price on request	
26210	Nozzle egg, 3/4"Ø x 30° (for 40 gpm @ 3000 psi x 600' L hose)	Price on request	
26217	Nozzle egg, 3/4"Ø x 15° (for 40 gpm @ 3000 psi x 800' L hose)	Price on request	
26218	Nozzle egg, 3/4"Ø x 30° (for 40 gpm @ 3000 psi x 800' L hose)	Price on request	
26219	Nozzle egg, 3/4"Ø x 15° (for 50 gpm @ 3000 psi x 600' L hose)	Price on request	
26220	Nozzle egg, 3/4"Ø x 30° (for 50 gpm @ 3000 psi x 600' L hose)	Price on request	
25382	Heavy-duty articulation module, 1000' L (with swing bearing)	\$	2,898.00

25598	Dual hose reel, 700 gallon (for up to a 600' L hose)	\$	4,286.00
10998	Auto-level wind	\$	10,956.15
23352	Drain valve kit (Giant pump 40 gpm @ 2000 psi)	\$	375.00
23358	Drain valve kit (Giant pump 40 gpm @ 3000 psi)	\$	375.00
40537	Pulsation system	\$	460.00
10991	Antifreeze assembly	\$	999.00
23509	Reel-mounted hose footage meter	\$	1,250.00
23356	True Count digital footage meter	\$	2,690.00
13389	4-function wireless remote	\$	2,725.00
25603	Cone holder	\$	361.00
16379	Upper manhole roller	\$	460.00
34407	Lower hose guide	\$	600.00
25545	Pintle hitch adapter	\$	61.00
16090	Hydraulic pressure gauge (installed)	\$	114.00
24110	Tool box, aluminum, diamond plate, 48" L x 12" W x 16" H (fender-mounted)	\$	603.00
16433	Tool box, aluminum, diamond plate, 72" L x 12" W x 16" H (fender-mounted)	\$	786.00
21481	Tool box, steel, black, 72" L x 12" W x 16" H (fender-mounted)	\$	603.00
21480	Tool box, steel, black, 48" L x 12" W x 16" H (fender-mounted)	\$	786.00
25590	Under body tool box, steel, black, 36" L x 18" H x 18" W (installed)	\$	570.00
40540	Spare tire/rim assembly	\$	480.00
11799	Dual rear LED spotlight (mounted)	\$	495.00
40539	Self-retracting spotlight (with 25' L cord, mounted)	\$	541.00
40541	Dual 12 volt outlets	\$	163.00
16448	Magnetic work light	\$	541.00
23706	LED Arrow Stick assembly	\$	999.00
25820	Jack wheel	\$	185.00
21740	Touch up spray, white	\$	22.00
21720	Touch up spray, silver	\$	22.00
N/A	Customer-specified color	Price on request	
40739	Undercoating option	\$	1,200.00
16881	Manual hose reel, 100' L x 1/2"Ø, 1000 psi	\$	596.00
14997	Washdown hose reel (self-retracting, without 25' L hose)	\$	483.00
16868	Washdown hose reel (self-retracting, without 50' L hose)	\$	562.00
33757	Electric hose reel, 200 L' x 1/2"Ø (P/N 39732 required)	\$	1,459.00



39732	Circuit breaker & mounting kit for electric hose reel - (P/N 33757 required)	\$	410.00
16949	Model 705 handgun, 800 psi	\$	149.00
16965	Model 785 handgun, 800 psi	\$	414.00
12758	Washdown hose, 25' L x 1/2"Ø	\$	106.00
12760	Washdown hose, 50' L x 1/2"Ø	\$	183.00
16850	Fire hydrant refill hose, 25' L x 2-1/2"Ø	\$	201.00
24126	Washdown hose quick connect	\$	87.00
26829	Garden hose refill adaptor, 3/4"Ø	\$	270.00
20004	Hydrant wrench	\$	62.00

#### UNIT TOTAL

Pricing subject to change without notice  
Pricing valid for 30 days

700 gallon, 18 @ 4000 psi Giant pump, 69 hp Ford gas, 7,000# axle  
700 gallon, 18 @ 4000 psi Giant pump, 69 hp Ford gas, 7,000# axle

**BULLDOG**

Durand-Wayland, Incorporated  
101 Durand Road  
LaGrange, GA 30241

Valid From:

To:

Phone:

Fax:

Email:

Website:

Quantity	Product Number	Description	Dealer List
	13984	350 gallon, 18 gpm @ 4000 psi Giant pump, 74 hp Hatz Tier 4 final, 7,000# axle	\$ 58,600.00
	40601	350 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz Tier 4 final, 7,000# axle	\$ 52,715.00
	40604	350 gallon, 18 gpm @ 4000 psi Giant pump, 69 hp Ford gas, 7,000# axle	\$ 50,872.00
	40605	700 gallon, 40 gpm @ 2000 psi Giant pump, 74 hp Hatz Tier 4 final, 7,000# axle	\$ 59,146.00
	40937	700 gallon, 18 @ 4000 psi Giant pump, 69 hp Ford gas, 7,000# axle	\$ 53,278.00
	13985	700 gallon, 18 gpm @ 4000 psi Giant pump, 74 hp Hatz Tier 4 final, 7,000# axle	\$ 62,116.00
	12470	Hydraulic temperature gauge	
	N/A	Electronic weather proof control panel	Standard equipment
	12835	Heavy duty hose guide	
	11006	7,000# axle assembly	
	N/A	Heavy duty pressure regulator	
	14854	Cold weather recirculation system	
	11622	Auxiliary washdown outlet	
	11847	Engine shroud	
	11199	Belt guard	
	10258	Nozzle extension	
	26203	Nozzle egg, 1/2"Ø x 15°	
	26209	Nozzle egg, 1/2"Ø x 20°	
	26204	Nozzle egg, 1/2"Ø x 30°	
	12834	Tiger Tail hose protector	
	10888	Beacon light	

**OPTIONAL EQUIPMENT**

25295	Mounting charge for Isuzu chassis, single reel, 120" L cab-to-axle	\$ 1,500.00
25226	Mounting charge for Isuzu chassis, dual reel, 120" L cab-to-axle	\$ 1,500.00
23343	Mounting charge for Ford chassis, single reel, 108" L cab-to-axle	\$ 1,500.00
14-0512	Mounting charge for Ford chassis, single reel, 120" L cab-to-axle	\$ 1,500.00

10996	Articulation module (with swing bearing)	\$	2,498.00
11-8738	LED low water warning light	\$	440.00
33662	Hose, 400' L x 1/2"Ø, 4000 psi	\$	1,855.00
16735	Hose, 500' L x 1/2"Ø, 4000 psi	\$	2,182.00
26140	Hose, 600' L x 1/2"Ø, 4000 psi	\$	2,422.00
16665	Leader hose, 10' L x 1/2"Ø, 4000 psi	\$	131.00
33448	Heavy duty finned nozzle skid extension, 1/2"Ø	\$	133.00
26132	Nozzle rack	\$	130.00
26203	Nozzle egg, 1/2"Ø x 15° (for 18 @ 4000 psi x 600' L hose)	Price on request	
26204	Nozzle egg, 1/2"Ø x 30° (for 18 @ 4000 psi x 600' L hose)	Price on request	
26205	Nozzle egg, 1/2"Ø x 15° (for 25 @ 4000 psi x 600' L hose)	Price on request	
26206	Nozzle egg, 1/2"Ø x 30° (for 25 @ 4000 psi x 600' L hose)	Price on request	
26211	Nozzle egg, 1/2"Ø x 15° (for 18 @ 3000 psi x 600' L hose)	Price on request	
26214	Nozzle egg, 1/2"Ø x 30° (for 18 @ 3000 psi x 600' L hose)	Price on request	
26215	Nozzle egg, 1/2"Ø x 15° (for 18 @ 3000 psi x 800' L hose)	Price on request	
26216	Nozzle egg, 1/2"Ø x 30° (for 18 @ 3000 psi x 800' L hose)	Price on request	
N/A	Drain valve kit	\$	375.00
40538	Jet pulsation system	\$	460.00
25580	Antifreeze circulation system	\$	999.00
11535	Reel-mounted hose footage meter	\$	1,250.00
23356	True Count digital footage meter	\$	2,690.00
11371	4-function wireless remote	\$	2,725.00
25603	Cone holder	\$	361.00
16379	Upper manhole roller	\$	460.00
34407	Lower hose guide	\$	600.00
25545	Pintle hitch adapter	\$	61.00
16090	Hydraulic pressure gauge (installed)	\$	114.00
24110	Tool box, aluminum, diamond plate, 48" L x 12" W x 16" H (fender-mounted)	\$	603.00
16433	Tool box, aluminum, diamond plate, 72" L x 12" W x 16" H (fender-mounted)	\$	786.00
21480	Tool box, steel, black, 72" L x 12" W x 16" H (fender-mounted)	\$	786.00
21481	Tool box, steel, black, 48" L x 12" W x 16" H (fender-mounted)	\$	603.00
25590	Under body tool box, steel, black, 36" L x 18" H x 18" W (installed)	\$	570.00
40540	Spare tire/rim assembly	\$	480.00
20312	12V handheld LED spotlight (plug in)	\$	86.00

13424	Dual rear LED spotlight (mounted)	\$	495.00
40541	Dual 12 volt outlets	\$	163.00
40539	Self-retracting spotlight (with 25' L cord, mounted)	\$	541.00
16448	Magnetic work light	\$	163.00
23706	LED Arrow stick assembly	\$	999.00
21740	Touch up spray, black	\$	22.00
N/A	Customer-specified color	Price on request	
40739	Undercoating option	\$	1,200.00
16881	Manual hose reel, 100' L x 1/2"Ø, 1000 psi	\$	596.00
14997	Washdown hose reel (self-retracting, without 25' L hose)	\$	483.00
16868	Washdown hose reel (self-retracting, without 50' L hose)	\$	562.00
33757	Electric hose reel, 200 L' x 1/2"Ø (P/N 39732 required)	\$	1,459.00
39732	Circuit breaker & mounting kit for electric hose reel (P/N 33757 required)	\$	410.00
24202	Mini - Jet assembly with quick release mount	\$	998.00
33633	Mini - Jet hose assembly, 1/4"Ø x 200 L' (for P/N 24202)	\$	406.00
32423	Emergency reel crank	\$	86.00
12993	Lateral line cleaning kit, 200' L (nozzle included)	\$	1,948.00
16949	Model 705 handgun, 800 psi	\$	149.00
16965	Model 785 handgun, 800 psi	\$	414.00
12758	Washdown hose, 25' L x 1/2"Ø	\$	106.00
12760	Washdown hose, 50' L x 1/2"Ø	\$	183.00
16850	Fire hydrant refill hose, 25' L x 2-1/2"Ø	\$	201.00
24126	Washdown hose quick connect	\$	87.00
26829	Garden hose refill adaptor, 3/4"Ø	\$	270.00
20004	Hydrant wrench	\$	62.00

Pricing subject to change without notice  
Pricing valid for 30 days

# Enz USA Inc. List Prices

REQUIPMENT REVISED PRICING

Item #		Description	List Price
<b>Rotating Nozzles</b>			
01.028N	1/4"	Rotojet - RGS ø 1,1"	EA \$ 490.00
01.040A/B	1/2" or 3/4"	Rotojet - RGS ø 1,6"	EA \$ 805.00
01.050A	1/2"	Rotojet - RGS ø 2,0"	EA \$ 1,040.00
01.050B	3/4"	Rotojet - RGS ø 2,0"	EA \$ 1,040.00
01.060	1"	Rotojet - RGS ø 2,4"	EA \$ 1,055.00
01.100A/LS	1"	Rotojet - RGS/Lift Station	EA \$ 2,530.00
01.100B	1-1/4"	Rotojet - RGS	EA \$ 2,530.00
02.016AN	1/8"	Rotojet - HRH 16 mm (4 & 8 GPM)	EA \$ 175.00
02.016BN	1/4"	Rotojet - HRH 16 mm (4 & 8 GPM)	EA \$ 175.00
02.028AN	1/4"	Rotojet - HRH ø 1,1"	EA \$ 455.00
02.028ASN	1/4"	Rotojet - HRH ø 1,1" with thrust	EA \$ 490.00
02.028BN	3/8"	Rotojet - HRH ø 1,1"	EA \$ 455.00
02.040A	1/2"	Rotojet - HRH ø 1,6"	EA \$ 805.00
02.040AS	1/2"	Rotojet - HRH ø 1,6" with thrust	EA \$ 815.00
02.040B	3/4"	Rotojet - HRH ø 1,6"	EA \$ 805.00
02.050A	1/2"	Rotojet - HRH ø 2"	EA \$ 1,025.00
02.050AS	1/2"	Rotojet - HRH ø 2" with thrust	EA \$ 1,040.00
02.050B	3/4"	Rotojet - HRH ø 2"	EA \$ 1,025.00
02.050BS	3/4"	Rotojet - HRH ø 2" with thrust	EA \$ 1,040.00
02.060	1"	Rotojet - HRH ø 2,4"	EA \$ 1,055.00
02.100A	1"	Rotojet - HRH ø 4"	EA \$ 2,530.00
02.100B	1-1/4"	Rotojet - HRH ø 4"	EA \$ 2,530.00
03.028AN	1/4"	Rotojet - HRV ø 1,1"	EA \$ 490.00
03.040	1/2"	Rotojet - HRV ø 1,6"	EA \$ 815.00
03.050A	1/2"	Rotojet - HRV ø 2"	EA \$ 1,040.00
03.050B	3/4"	Rotojet - HRV ø 2"	EA \$ 1,040.00
03.060	1"	Rotojet - HRV ø 2,4"	EA \$ 1,055.00
03.100A	1"	Rotojet - HRV ø 4"	EA \$ 2,530.00
03.100B	1-1/4"	Rotojet - HRV ø 4"	EA \$ 2,530.00
04.011N	1/16"	Rotojet - KBR ø 0,47"	EA \$ 140.00
04.012N	1/8"	Rotojet - KBR ø 0,47"	EA \$ 150.00
04.016AN	1/8"	Rotojet - KBR w/ bore holes 0.7 - 1.1 mm	EA \$ 175.00
04.016BN	1/4"	Rotojet - KBR w/ bore holes 0.7 - 1.1 mm	EA \$ 180.00
04.016ASN	1/8"	Rotojet - KBR (0.8 mm) w/ Thrust	EA \$ 195.00
04.016BSN	1/4"	Rotojet - KBR (0.8 mm) w/ Thrust	EA \$ 210.00
04.028AN	1/4"	Rotojet - KBR ø 1,1"	EA \$ 455.00
04.028ASN	1/4"	Rotojet - KBR ø 1,1" with thrust	EA \$ 490.00
04.028BN	3/8"	Rotojet - KBR ø 1,1"	EA \$ 455.00
04.040A	1/2"	Rotojet - KBR ø 1,6"	EA \$ 805.00
04.040AS	1/2"	Rotojet - KBR ø 1,6" with thrust	EA \$ 815.00
04.040B	3/4"	Rotojet - KBR ø 1,6"	EA \$ 805.00
04.050A	1/2"	Rotojet - KBR ø 2"	EA \$ 1,025.00
04.050AS	1/2"	Rotojet - KBR ø 2" with thrust	EA \$ 1,040.00
04.050B	3/4"	Rotojet - KBR ø 2"	EA \$ 1,025.00
04.050BS	3/4"	Rotojet - KBR ø 2" with thrust	EA \$ 1,040.00
04.060	1"	Rotojet - KBR ø 2,4"	EA \$ 1,055.00
04.100A	1"	Rotojet - KBR ø 4"	EA \$ 2,530.00
04.100B	1-1/4"	Rotojet - KBR ø 4"	EA \$ 2,530.00
04.011V	1/16"	Rotojet - KBRV ø 0,47" combi forward	EA \$ 140.00
04.012V	1/8"	Rotojet - KBRV ø 0,47" combi forward	EA \$ 150.00
04.016AVN	1/8"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes)	EA \$ 175.00
04.016AVS	1/8"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes) w/ Thrust	EA \$ 195.00
04.016BVN	1/4"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes)	EA \$ 180.00

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04.016BVS	1/4"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes) w/ Thrust	EA	\$ 210.00
04.028AVN	1/4"	Rotojet - KBR ø 1,1" combi forward	EA	\$ 490.00
04.040AV	1/2"	Rotojet - KBRV ø 1,6" combi forward	EA	\$ 815.00
04.050AV	1/2"	Rotojet - KBRV ø 2" combi forward	EA	\$ 1,040.00
04.050BV	3/4"	Rotojet - KBRV ø 2" combi forward	EA	\$ 1,040.00
04.060V	1"	Rotojet - KBRV ø 2,4" combi forward	EA	\$ 1,055.00
04.100AV	1"	Rotojet - KBRV ø 4" combi forward	EA	\$ 2,530.00
04.100BV	1-1/4"	Rotojet - KBRV ø 4" combi forward	EA	\$ 2,530.00
<b>Rotopuls Nozzles</b>				
01.028ANE	1/4"	Rotopuls - RGS 28 mm vibration nozzle	EA	\$ 640.00
01.030ANE	1/4"	Rotopuls - RGS 30 mm vibration nozzle	EA	\$ 640.00
01.034ANE	3/8"	Rotopuls - RGS 34 mm vibration nozzle	EA	\$ 625.00
01.034BNE	1/2"	Rotopuls - RGS 34 mm vibration nozzle	EA	\$ 625.00
02.028ANE	1/4"	Rotopuls - HRH 28 mm vibration nozzle	EA	\$ 675.00
02.028BNE	3/8"	Rotopuls - HRH 28 mm vibration nozzle	EA	\$ 675.00
04.016ANE10	1/8"	Rotopuls - KBR 16 mm (1.0 bore holes)	EA	\$ 200.00
04.016ANES08	1/8"	Rotopuls - KBR 16 mm (0.8 bore holes) w/ thrust	EA	\$ 240.00
04.016ANES10	1/8"	Rotopuls - KBR 16 mm (1.0 bore holes) w/ thrust	EA	\$ 240.00
04.016BNE08	1/4"	Rotopuls - KBR 16 mm (0.8 bore holes)	EA	\$ 200.00
04.016BNE10	1/4"	Rotopuls - KBR 16 mm (1.0 bore holes)	EA	\$ 200.00
04.016BNES08	1/4"	Rotopuls - KBR 16 mm (0.8 bore holes) w/ thrust	EA	\$ 240.00
04.016BNES10	1/4"	Rotopuls - KBR 16 mm (1.0 bore holes) w/ thrust	EA	\$ 240.00
04.040AE	1/2"	Rotopuls - KBR ø 1,6" vibration nozzle	EA	\$ 1,190.00
04.044AE	1/2"	Rotopuls 1.8" - CT 1/2"	EA	\$ 1,300.00
04.050AE	1/2"	Rotopuls - KBR ø 2" vibration nozzle	EA	\$ 1,260.00
04.050BE	3/4"	Rotopuls - KBR ø 2" vibration nozzle	EA	\$ 1,260.00
04.060EK	1"	Rotopuls - KBR ø 2,4" vibration nozzle	EA	\$ 1,510.00
04.100AE	1"	Rotopuls - KBR ø 4" vibration nozzle	EA	\$ 2,750.00
04.100BE	1-1/4"	Rotopuls - KBR ø 4" vibration nozzle	EA	\$ 2,750.00
<b>Propeller Nozzles</b>				
07.300A	1"	Propeller Nozzle 12 -24"	EA	\$ 10,995.00
07.300B	1-1/4"	Propeller Nozzle 12 -24"	EA	\$ 10,995.00
07.600A	1"	Propeller Nozzle 24 -48"	EA	\$ 16,425.00
07.600B	1-1/4"	Propeller Nozzle 24 -48"	EA	\$ 16,425.00
07.1400A	1"	Propeller Nozzle 56 -80"	EA	\$ 24,155.00
07.1400B	1-1/4"	Propeller Nozzle 56 -80"	EA	\$ 24,155.00
<b>Accessories</b>				
09.001	1/2"	Plastic Tool Case	EA	\$ 180.00
09.003	3/4"	Plastic Tool Case	EA	\$ 285.00
09.004	1"	Plastic Tool Case	EA	\$ 325.00
09.093U	3 mm	Precision Metric Nut Driver	EA	\$ 18.00
09.0935U	3.5 mm	Precision Metric Nut Driver	EA	\$ 19.00
09.095U	5 mm	Precision Metric Nut Driver	EA	\$ 19.00
09.097U	7 mm	Precision Metric Nut Driver	EA	\$ 20.00
09.100U	10 mm	Precision Metric Nut Driver	EA	\$ 25.00
09.09S	3.5 - 10 mm	Complete Set - Metric Nut Drivers	SET	\$ 83.00
C173	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (11 yards)	EA	\$ 125.00
C174	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (16 yards)	EA	\$ 175.00
C175	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (22 yards)	EA	\$ 250.00
C176-20	1/4" M / 1/2" F	HP Hose 1/4" for 3625 PSI (22 yards)	EA	\$ 195.00

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C176-30	1/4" M / 1/2" F	HP Hose 1/4" for 3625 PSI (33 yards)	EA	\$ 265.00
C330		Hose Reel	EA	\$ 1,600.00
C202		Tip Cleaning Kit	EA	\$ 45.00
C200		Nozzle gauge (0.02" - 0.06")	EA	\$ 25.00
C201		Nozzle gauge (0.06" - 0.12")	EA	\$ 25.00
Rotating Chain Scrapers				
10.028	1/4"	Rotating Chain Scraper ø 1.5" - 4"	EA	\$ 1,300.00
10.061A/B	1/2" / 3/4"	Rotating Chain Scraper ø 3 - 6"	EA	\$ 1,275.00
10.060A/B/CTR_US Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 4" w/ kit box	EA	\$ 1,975.00
10.060A/B/CTR_3-6 Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 3"-6" set w/ kit box	EA	\$ 2,500.00
10.060A/B/CTR_3-8 Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 3"-8" set w/ kit box	EA	\$ 2,500.00
10.125TR_US	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" w/ 10.080 Skid Body	EA	\$ 2,975.00
10.125TR-BO_8	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" - Body Only	EA	\$ 2,300.00
10.125TR_6-10_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 6" -10" Set w/ kit box	EA	\$ 3,350.00
10.125TR_8-12_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" -12" Set w/ kit box	EA	\$ 3,725.00
10.125TR_6-12_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 6" -12" Set w/ kit box	EA	\$ 3,825.00
10.150RL	1"	Rotating Chain Scraper ø 6 - 10"	EA	\$ 5,250.00
10.200RS	1"	Recycling Rotating Chain Scraper ø 8 - 16"	EA	\$ 7,585.00
10.200R	1"	Recycling Rotating Chain Scraper ø 8 - 16" w/ Center Head	EA	\$ 8,425.00
10.400RS	1"	Recycling Rotating Chain Scraper ø 16 - 32"	EA	\$ 10,300.00
10.400R	1"	Recycling Rotating Chain Scraper ø 16 - 32" w/ Center Head	EA	\$ 11,400.00
0010.15011	Kit	Center Head Roller Chain Holder - 10.150R	EA	\$ 450.00
0010.200S	Kit	Cable Flail Head with 5 sets of cable inserts (8"-16")	EA	\$ 1,290.00
0010.2004R	Kit	Center Head w/ 4 sets Chain (10.200R)	EA	\$ 1,875.00
0010.400S	Kit	Cable Flail Head with cable inserts - certain sizes available	EA	\$ 1,370.00
0010.4004R	Kit	Center Head w/ 4 sets Chain (10.400R)	EA	\$ 2,190.00
0010.0405TRM		Cap w/ Carbide Teeth for 10.060A/B/CTR	EA	\$ 370.00
0010.0605TRM		Root Knife for 10.060A/B/CTR	EA	\$ 135.00
0010.1254TR		Root Knife for 10.125TR	EA	\$ 195.00
0010.0604		Root Knife for 10.060	EA	\$ 165.00
0010.0804		Root Knife for 10.080	EA	\$ 170.00
0010.2509		Root Knife for 10.200RS	EA	\$ 225.00
0010.2006		Pulling Eye	EA	\$ 1,419.00
0010.3804		Root Knife for 10.400RS (Require Qty. 2)	EA	\$ 175.00
0010.150D	6"	Diamond Crown Tapcutter for Universal	EA	\$ 1,100.00
0010.200D	8"	Diamond Crown Tapcutter for Universal	EA	\$ 2,100.00
0010.250D	10"	Diamond Crown Tapcutter for Universal	EA	\$ 2,425.00
0010.300D	12"	Diamond Crown Tapcutter for Universal	EA	\$ 3,600.00
0010.028K		Chain per yard - 10.028	EA	\$ 65.00
0010.028G		Pin Bolt Chain - 10.028 per yard	EA	\$ 85.00
10.060A/B Chain				
11.07		Chain 10.060A/B (3") 7 links	SET	\$ 30.00
11.07		Chain 10.060A/B (4-5") 7 links	SET	\$ 30.00
11.09		Chain 10.060A/B (6") 9 links	SET	\$ 35.00
11.07P		Chain w/ Plates 10.060A/B (3") 7 links	SET	\$ 100.00
11.07P		Chain w/ Plates 10.060A/B (4-5") 7 links	SET	\$ 100.00
11.09P		Chain w/ Plates 10.060A/B (6") 9 links	SET	\$ 110.00
10.080 Chain				
11.B07		Chain 10.080 (5") 7 links	SET	\$ 31.00

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11.B07	Chain 10.080 (6") 7 links	SET	\$	31.00
11.B09	Chain 10.080 (8") 9 links	SET	\$	36.00
11.B09	Chain 10.080 (9") 9 links	SET	\$	36.00
11.B11	Chain 10.080 (10") 11 links	SET	\$	41.00
11.B07P	Chain w/ Plates 10.080 (5") 7 links	SET	\$	125.00
11.B07P	Chain w/ Plates 10.080 (6") 7 links	SET	\$	125.00
11.B09P	Chain w/ Plates 10.080 (8 & 9") 9 links	SET	\$	130.00
11.B11P	Chain w/ Plates 10.080 (10") 11 links	SET	\$	144.00
<b>10.060A/B/CTR Chain &amp; Skids</b>				
0010.040K	Chain per yard - 10.060A/B/CTR	EA	\$	80.00
0010.040G	Pin Bolt Chain - 10.060A/B/CTR per yard	EA	\$	70.00
0010.060060K	Chain 10.060A/B/CTR (2.25") 4 links	SET	\$	18.00
0010.060075K	Chain 10.060A/B/CTR (3") 4 links	SET	\$	18.00
0010.060100K	Chain 10.060A/B/CTR (4") 5 links	SET	\$	21.00
0010.060125K	Chain 10.060A/B/CTR (5") 6 links	SET	\$	24.00
0010.060150K	Chain 10.060A/B/CTR (6") 6 links	SET	\$	24.00
0010.060200K	Chain 10.060A/B/CTR (8") 8 links	SET	\$	31.00
0010.060060G	Pin Bolt Chain w/ plates 10.060A/B/CTR (2.25") 4 pins	SET	\$	95.00
0010.060075G	Pin Bolt Chain w/ plates 10.060A/B/CTR (3") 4 pins	SET	\$	98.00
0010.060100G	Pin Bolt Chain w/ plates 10.060A/B/CTR (4") 4 pins	SET	\$	102.00
0010.060125G	Pin Bolt Chain w/ plates 10.060A/B/CTR (5") 5 pins	SET	\$	110.00
0010.060150G	Pin Bolt Chain w/ plates 10.060A/B/CTR (6") 6 pins	SET	\$	113.00
0010.060200G	Pin Bolt Chain w/ plates 10.060A/B/CTR (8") 8 pins	SET	\$	125.00
<b>SKIDS</b>				
<b>10.060A/B/CTR</b>				
0010.060710TR	Skid(s) for 10.060A/B/CTR - 4"	EA	\$	22.00
0010.060712TR	Skid(s) for 10.060A/B/CTR - 5"	EA	\$	22.00
0010.060715TR	Skid(s) for 10.060A/B/CTR - 6"	EA	\$	22.00
0010.060720TR	Skid(s) for 10.060A/B/CTR - 8"	EA	\$	22.00
0010.0607TR	Skid Cage for 10.060A/B/CTR	EA	\$	175.00
<b>10.125TR Chain &amp; Skids</b>				
11	Chain per yard - 10.125TR	EA	\$	46.00
0010.125G	Pin Bolt Chain - 10.125TR per yard	EA	\$	92.00
0010.125125K	Chain 10.125TR (5") - 7 links	SET	\$	26.00
0010.125150K	Chain 10.125TR (6") - 9 links	SET	\$	31.00
0010.125200K	Chain 10.125TR (8") - 13 links	SET	\$	36.00
0010.125225K	Chain 10.125TR (9") - 13 links	SET	\$	36.00
0010.125250K	Chain 10.125TR (10") - 15 links	SET	\$	41.00
0010.125300K	Chain 10.125TR (12") - 17 links	SET	\$	46.00
0010.125125G	Pin Bolt Chain w/ plates 10.125TR (5") - 5 pins	SET	\$	110.00
0010.125150G	Pin Bolt Chain w/ plates 10.125TR (6") - 6 pins	SET	\$	112.00
0010.125200G	Pin Bolt Chain w/ plates 10.125TR (8") - 8 pins	SET	\$	114.00
0010.125225G	Pin Bolt Chain w/ plates 10.125TR (9") - 9 Pins	SET	\$	114.00
0010.125250G	Pin Bolt Chain w/ plates 10.125TR (10") - 10 pins	SET	\$	115.00
0010.125300G	Pin Bolt Chain w/ plates 10.125TR (12") - 12 pins	SET	\$	117.00
0010.125150SE	Cable Set 10.125TR (6")	SET	\$	135.00
0010.125200SE	Cable Set 10.125TR (8")	SET	\$	145.00
0010.125250SE	Cable Set 10.125TR (10")	SET	\$	165.00



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SKIDS		10.125TR		
0010.125715TR		Skid(s) for 10.125TR - 6"	EA	\$ 24.00
0010.125720TR		Skid(s) for 10.125TR - 8"	EA	\$ 31.00
0010.125725TR		Skid(s) for 10.125TR - 10"	EA	\$ 31.00
0010.125730TR		Skid(s) for 10.125TR - 12"	EA	\$ 65.00
0010.1257TR		Skid Cage for 10.125TR	EA	\$ 200.00
		10.150R		
0010.150150K		Chain 10.150R (6") - 7 links	SET	\$ 31.00
0010.150200K		Chain 10.150R (8") - 9 links	SET	\$ 36.00
0010.150250K		Chain 10.150R (10") - 11links	SET	\$ 41.00
0010.150150G		6" Roller Chain w/ Plates 150 mm - 10.150R	SET	\$ 175.00
0010.150200G		8" Roller Chain w/ Plates 200 mm - 10.150R	SET	\$ 180.00
0010.150250G		10" Roller Chain w/ Plates 250 mm - 10.150R	SET	\$ 185.00
0010.1508R		Chain End Plate (10.150R) Set (3)	SET	\$ 110.00
0010.150G		Roller Chain - 10.150R per yard	EA	\$ 115.00
11.B / 0010.150K		Chain per yard for 10.150R/10.080	EA	\$ 55.00
		10.200R/RS - 10.400R/RS Chain		
12		Chain per yard for 10.200 / 10.400	EA	\$ 60.00
12.03		Chain with 3 links	SET	\$ 38.00
12.05		Chain with 5 links	SET	\$ 45.00
12.05P		Chain with 5 links and manganese plates	SET	\$ 97.00
12.07		Chain with 7 links	SET	\$ 57.00
12.07P		Chain with 7 links and manganese plates	SET	\$ 108.00
12.09		Chain with 9 links	SET	\$ 74.00
12.09P		Chain with 9 links and manganese plates	SET	\$ 123.00
12.11		Chain with 11 links	SET	\$ 84.00
12.11P		Chain with 11 links and manganese plates	SET	\$ 134.00
12.13		Chain with 13 links	SET	\$ 98.00
12.13P		Chain with 13 links and manganese	SET	\$ 149.00
12.15		Chain with 15 links	SET	\$ 124.00
12.15P		Chain with 15 links and manganese	SET	\$ 168.00
12.17		Chain with 17 links	SET	\$ 119.00
12.17P		Chain with 17 links and manganese	SET	\$ 182.00
12.19		Chain with 19 links	SET	\$ 167.00
12.19P		Chain with 19 links and manganese	SET	\$ 190.00
12.21		Chain with 21 links	SET	\$ 184.00
12.21P		Chain with 21 links and manganese	SET	\$ 211.00
12.23		Chain with 23 links	SET	\$ 203.00
12.23P		Chain with 23 links and manganese	SET	\$ 221.00
12.G		Roller Chain - 1 yard (10.200R & 10.400R)	EA	\$ 101.00
0010.2008R		Chain End Plate for 10.200R & 10.400R (Set of 3)	SET	\$ 140.00
12.200G		Set of Roller Chain w/ Plate..8" Pipe (10.200R)	SET	\$ 283.00
12.250G		Set of Roller Chain w/ Plate..10" Pipe (10.200R)	SET	\$ 304.00
12.300G		Set of Roller Chain w/ Plate..12" Pipe (10.200R)	SET	\$ 304.00
12.350G		Set of Roller Chain w/ Plate..14" Pipe (10.200R)	SET	\$ 330.00
12.401G		Set of Roller Chain w/ Plate..16" Pipe (10.200R)	SET	\$ 330.00
12.402G		Set of Roller Chain w/ Plate..16" Pipe (10.400R)	SET	\$ 304.00
12.450G		Set of Roller Chain w/ Plate..18" Pipe (10.400R)	SET	\$ 330.00
12.500G		Set of Roller Chain w/ Plate..20" Pipe (10.400R)	SET	\$ 330.00
12.600G		Set of Roller Chain w/ Plate..24" Pipe (10.400R)	SET	\$ 366.00
12.700G		Set of Roller Chain w/ Plate..28" Pipe (10.400R)	SET	\$ 391.00

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12.800G		Set of Roller Chain w/ Plate..32" Pipe (10.400R)	SET	\$ 417.00
12.200S	8"	Cable Flail Insert set - Looped	SET	\$ 115.00
12.200SE	8"	Cable Flail Insert set - Straight	SET	\$ 115.00
12.250S	10"	Cable Flail Insert set - Looped	SET	\$ 115.00
12.250SE	10"	Cable Flail Insert set - Straight	SET	\$ 115.00
12.300S	12"	Cable Flail Insert set - Looped	SET	\$ 124.00
12.300SE	12"	Cable Flail Insert set - Straight	SET	\$ 124.00
12.350S	14"	Cable Flail Insert set - Looped	SET	\$ 139.00
12.350SE	14"	Cable Flail Insert set - Straight	SET	\$ 139.00
12.400S	16"	Cable Flail Insert set - Looped	SET	\$ 149.00
12.400SE	16"	Cable Flail Insert set - Straight	SET	\$ 149.00
Non-Percussion				
13.040TR	1/2"	Milling Cutter complete with diamond ø 1,6"	EA	\$ 1,600.00
13.060TR	1"	Milling Cutter complete with diamond ø 2,4"	EA	\$ 2,000.00
Percussion or Non-Percussion				
14.100	1"	Percussion Milling Cutter ø 4" complete	EA	\$ 5,200.00
14.100K		Percussion Milling Cutter replacement head ø 4"	EA	\$ 1,510.00
14.120	1"	Percussion Milling Cutter ø 5" complete	EA	\$ 5,250.00
14.150	1"	Percussion Milling Cutter ø 6" complete	EA	\$ 6,600.00
14.150K		Percussion Milling Cutter replacement head ø 6"	EA	\$ 2,290.00
14.200	1"	Percussion Milling Cutter ø 8" complete	EA	\$ 10,300.00
14.200K		Percussion Milling Cutter replacement head ø 8"	EA	\$ 2,785.00
14.225	1"	Percussion Milling Cutter ø 9" complete	EA	\$ 11,565.00
14.250	1"	Percussion Milling Cutter ø 10" complete	EA	\$ 10,400.00
14.250K		Percussion Milling Cutter replacement head ø 10"	EA	\$ 3,225.00
14.300	1"	Percussion Milling Cutter ø 12" complete	EA	\$ 13,900.00
14.300K		Percussion Milling Cutter replacement head ø 12"	EA	\$ 3,845.00
14.300M		Percussion Milling Cutter replacement head with hub ø 12"	EA	\$ 6,955.00
14.350	1"	Percussion Milling Cutter ø 14" complete	EA	\$ 15,050.00
14.350K		Percussion Milling Cutter replacement head ø 14"	EA	\$ 4,845.00
14.350M		Percussion Milling Cutter replacement head with hub ø 14"	EA	\$ 8,020.00
14.400	1"	Percussion Milling Cutter ø 16" complete	EA	\$ 16,685.00
14.400K		Percussion Milling Cutter replacement head ø 16"	EA	\$ 5,615.00
14.400M		Percussion Milling Cutter replacement head with hub ø 16"	EA	\$ 9,045.00
14.450	1"	Percussion Milling Cutter ø 18" complete	EA	\$ 18,930.00
14.450K		Percussion Milling Cutter replacement head ø 18"	EA	\$ 6,920.00
14.450KU		Adapter plate set for cutters 16 - 24"	EA	\$ 1,150.00
14.450M		Percussion Milling Cutter replacement head with hub ø 18"	EA	\$ 9,650.00
14.500	1"	Percussion Milling Cutter ø 20" complete	EA	\$ 20,500.00
14.500M		Percussion Milling Cutter replacement head with hub ø 20"	EA	\$ 12,250.00
14.600	1"	Percussion Milling Cutter ø 24" complete	EA	\$ 22,100.00
14.600M		Percussion Milling Cutter replacement head with hub ø 24"	EA	\$ 13,275.00
0014.100D	4"	Diamond Crown Tapcutter for Universal	EA	\$ 1,967.00
0014.150D	6"	Diamond Crown Tapcutter for Universal	EA	\$ 3,015.00
0014.200D	8"	Diamond Crown Tapcutter for Universal	EA	\$ 3,579.00
0014.250D	10"	Diamond Crown Tapcutter for Universal	EA	\$ 3,940.00
0014.300D	12"	Diamond Crown Tapcutter for Universal	EA	\$ 4,893.00
0014.350D	14"	Diamond Crown Tapcutter for Universal	EA	\$ 5,227.00
0014.400D	16"	Diamond Crown Tapcutter for Universal	EA	\$ 5,547.00
14.D		Spacers for non-percussion	SET	\$ 104.00
14.K		Cam plates / Set of 2	SET	\$ 685.00
14.T		Cup Spring 3.00 mm for ø 4" - 6"	EA	\$ 17.00
14.T1		Cup Spring 3.5 mm for ø 8" - 24"	EA	\$ 17.00

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14.ZS		Pull-rod M16 x 1.5, 10"	EA	\$ 195.00
15.ZU		Standard Universal tooth (4" - 24" PMC)	EA	\$ 80.00
15.ZU-GSL		Universal Tooth - specifically for plastic pipes (4" - 24" PMC)	EA	\$ 165.00
15.Z1		Universal Tooth - Center (5" - 6" PMC)	EA	\$ 65.00
15.Z1-100		Universal Tooth - Center (4" PMC)	EA	\$ 75.00
15.Z1-ZK		Universal Tooth for Center Cap (8" - 24" PMC)	EA	\$ 75.00
15.ZHU		Universal Tooth for Outer ring protection (4" - 24" PMC)	EA	\$ 105.00
15.ZDSU-30/60		Diamond Tooth (4" - 24" PMC)	EA	\$ 175.00
15.ZK		Center Hub	EA	\$ 650.00
15.ZKB		Center Hub w/ Bore Hole	EA	\$ 550.00
Guiding Nozzles				
17.040A-001	1/2"	Guiding Nozzle Set - HRH - CT 1/2"	EA	\$ 825.00
17.0440AE-001	1/2"	Guiding Nozzle Set w/ Vibration - CT 1/2"	EA	\$ 1,060.00
17.050-001	1/2"	Guiding Nozzle Set - Grenade - CT 1/2"	EA	\$ 600.00
Spray Guns				
18.43		Spray Gun 7200 PSI w/ Extension	EA	\$ 850.00
18.44		Spray Gun ST 2600	EA	\$ 400.00
18.45		Spray Gun ST 3600 Vario	EA	\$ 588.00
Surface Cleaning				
18.040	3/8"	Rotating Surface Cleaner 3/8"	EA	\$ 950.00
18.020135	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.35 mm	EA	\$ 180.00
18.020150	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.5 mm	EA	\$ 180.00
18.020170	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.7 mm	EA	\$ 180.00
18.020190	1/4"	Rotating Hydro-excavating Nozzle - FJ 2.0 mm	EA	\$ 180.00
66.0106.20050		Rebuild kit for 18.020135	EA	\$ 95.00
66.0106.20065		Rebuild kit for 18.020150	EA	\$ 95.00
66.0106.20080		Rebuild kit for 18.020170	EA	\$ 95.00
66.0106.20100		Rebuild kit for 18.020190	EA	\$ 95.00
Inserts				
22.04	M 4	Ceramic Inserts ø 0,3 - 1.5 mm	EA	\$ 25.00
22.04B	M 4	Blind Plug	EA	\$ 2.00
22.06	M 6	Ceramic Inserts ø 0,3 - 3.0 mm	EA	\$ 27.00
22.06B	M 6	Blind Plug	EA	\$ 2.00
22.08	M 8	Ceramic Inserts ø 1.0 - 3.4 mm	EA	\$ 29.00
22.08B	M 8	Blind Plug	EA	\$ 2.00
22.08F	M 8	M8 Fan Jet	EA	\$ 35.00
22.10	M 10	Ceramic Inserts ø 1.0 - 4.0 mm	EA	\$ 33.00
22.10B	M 10	Blind Plug	EA	\$ 3.60
22.10F	M 10	M10 Fan Jet	EA	\$ 38.00
22.025	G 1/4"	Ceramic Insert G 1/4 Jet	EA	\$ 33.00
22.025F	G 1/4"	Ceramic Insert G 1/4 Fan Jet	EA	\$ 35.00
04.F028W		Front Jet 28 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F040W		Front Jet 40 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F050W		Front Jet 50 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F060W		Front Jet 60 mm w/ M4 Insert (New Style Allen Bolt)	EA	\$ 40.00
22.FJ3		Front Jet M3 for 04.012	EA	\$ 22.00
22.FJ5		Front Jet M5 for 04.016	EA	\$ 22.00

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22.FJ6		Front Jet M6 for --.028 / --.040 / --.050	EA	\$ 22.00
22.FJ10		Front Jet M10 for --.060	EA	\$ 47.00
22.FJ16		Front Jet M16 for --.100	EA	\$ 59.00
<b>Swivels</b>				
24.050	1/2"	Swivel Joint 1/2" (High Force)	EA	\$ 300.00
24.050U	1/2"	Swivel Joint 1/2" (Universal)	EA	\$ 200.00
24.075	3/4"	Swivel Joint 3/4" (High Force)	EA	\$ 440.00
24.075U	3/4"	Swivel Joint 3/4" (Universal)	EA	\$ 240.00
24.100	1"	Swivel Joint 1" (50.100 & Type 14 PMC) (High Force)	EA	\$ 650.00
24.100R	1"	Swivel Joint for Recycling Chain Flail	EA	\$ 2,600.00
24.100U	1"	Swivel Joint - 1" to 1"	EA	\$ 310.00
24.125	1-1/4"	Swivel Joint - High Force 1-1/4"	EA	\$ 675.00
24.125S	1-1/4"	Swivel Joint w/ Thrust Jets	EA	\$ 1,125.00
24.150	1-1/2"	Swivel Joint - High Force	EA	\$ 1,025.00
<b>Bushings</b>				
24.54510		Expansion Bushing 1/4" to 1/2"	EA	\$ 21.00
24.54511		Expansion Bushing 3/8" to 1/2"	EA	\$ 10.00
24.54514		Expansion Bushing 1/2" to 3/4"	EA	\$ 33.00
24.54517		Expansion Bushing 3/4" to 1"	EA	\$ 29.00
24.54520		Expansion Bushing 1" to 1-1/4"	EA	\$ 66.00
24.54524		Expansion Bushing 1" to 1-1/2"	EA	\$ 134.00
24.54602		Reduction Bushing 1/4" to 1/8"	EA	\$ 7.00
24.54604		Reduction Bushing 3/8" to 1/4"	EA	\$ 7.00
24.54607		Reduction Bushing 1/2" to 3/8"	EA	\$ 7.00
24.54611		Reduction Bushing 3/4" to 1/2"	EA	\$ 8.00
24.54615		Reduction Bushing 1" to 3/4"	EA	\$ 11.00
24.54620		Reduction Bushing 1-1/4" to 1"	EA	\$ 13.00
24.54624		Reduction Bushing 1-1/2" to 1"	EA	\$ 29.00
19.100B		Swiss Reduction Bushing 1" to 3/4"	EA	\$ 77.00
<b>Standard Nozzles</b>				
30.012NSL10	1/8"	Drilled nozzle for pipe cleaning (2.6 GPM)	EA	\$ 67.00
30.012NSL10F	1/8"	Drilled nozzle for pipe cleaning w/ front jet (2.6 GPM)	EA	\$ 70.00
30.012NSL15	1/8"	Drilled nozzle for pipe cleaning (4 GPM)	EA	\$ 67.00
30.012NSL15F	1/8"	Drilled nozzle for pipe cleaning w/ front jet (4 GPM)	EA	\$ 70.00
30.0253NSL10	1/4"	Drilled nozzle for pipe cleaning 3 rear jets (2.6 GPM)	EA	\$ 75.00
30.0253NSL10F	1/4"	Drilled nozzle for pipe cleaning 3 rear w/ front jet (2.6 GPM)	EA	\$ 80.00
30.0253NSL15	1/4"	Drilled nozzle for pipe cleaning - 3 rear jets (4 GPM)	EA	\$ 75.00
30.0253NSL15F	1/4"	Drilled nozzle for pipe cleaning - 3 rear w/ front jet (4 GPM)	EA	\$ 80.00
35.0253NSL20	1/4"	Drilled nozzle for pipe cleaning - 3 rear w/ 4 front jets (5 GPM)	EA	\$ 95.00
30.0256NSL30	1/4"	Drilled nozzle for pipe cleaning - 6 rear jets (8 GPM)	EA	\$ 75.00
30.0256NSL30F	1/4"	Drilled nozzle for pipe cleaning - 6 rear jets w/ front jet (8 GPM)	EA	\$ 80.00
30.038NSL40	3/8"	Drilled nozzle for pipe cleaning (10.5 GPM)	EA	\$ 120.00
30.038NSL40F	3/8"	Drilled nozzle for pipe cleaning with drilled front jet (10.5 GPM)	EA	\$ 125.00
30.050NSL40	1/2"	Drilled nozzle for pipe cleaning (10.5 GPM)	EA	\$ 125.00
30.050NSL40F	1/2"	Drilled nozzle for pipe cleaning with drilled front jet (13 GPM)	EA	\$ 130.00
30.050NSL70	1/2"	Drilled nozzle for pipe cleaning (18 GPM)	EA	\$ 125.00
30.050NSL70F	1/2"	Drilled nozzle for pipe cleaning with drilled front jet (21 GPM)	EA	\$ 130.00
35.050NSL40	1/2"	Drilled nozzle for pipe cleaning w/ 4 front jets (10.5 GPM)	EA	\$ 165.00
35.050NSL70	1/2"	Drilled nozzle for pipe cleaning w/ 4 front jets (18 GPM)	EA	\$ 165.00

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35.075NSL160	3/4"	Drilled nozzle for pipe cleaning w/ 4 front jets (42 GPM)	EA	\$ 185.00
30.038N	3/8"	Nozzle for channel and pipe cleaning	EA	\$ 215.00
30.050	1/2"	Nozzle for channel and pipe cleaning	EA	\$ 265.00
30.050EI	1/2"	Egg Nozzle for channel and pipe cleaning	EA	\$ 340.00
35.050	1/2"	Nozzle for channel and pipe cleaning with 5 front jets	EA	\$ 330.00
35.050EI	1/2"	Egg Nozzle for channel and pipe cleaning with 5 front jets	EA	\$ 380.00
30.075	3/4"	Nozzle for channel and pipe cleaning	EA	\$ 300.00
30.100	1"	Nozzle for channel and pipe cleaning	EA	\$ 470.00
30.100SP20	1"	Nozzle for channel and pipe cleaning - 20° Jets	EA	\$ 470.00
35.100	1"	Nozzle for channel and pipe cleaning - w/ 4 Front Jets	EA	\$ 580.00
30.125	1-1/4"	Nozzle for channel and pipe cleaning	EA	\$ 600.00
Rotodrill Nozzles				
36.025NiREV	1/4"	Bend Rotodrill Nozzle - CT 1/4"	EA	\$ 500.00
36.038NiREV	3/8"	Bend Rotodrill Nozzle - CT 3/8"	EA	\$ 510.00
36.050-12	1/2"	Rotodrill Nozzle - CT 1/2" w/ 1.2 Front Jet	EA	\$ 430.00
36.050-15	1/2"	Rotodrill Nozzle - CT 1/2" w/ 1.5 Front Jet	EA	\$ 430.00
36.075	3/4"	Rotodrill Nozzle - CT 3/4"	EA	\$ 505.00
36.100	1"	Rotodrill Nozzle - CT 1"	EA	\$ 615.00
66.21040-060		Rebuild Kit for 36.050 - 1.2 mm	EA	\$ 165.00
66.21040-060		Rebuild Kit for 36.050 & 36.075 - 1.5 mm	EA	\$ 165.00
66.21060-200		Rebuild Kit for 36.100	EA	\$ 250.00
Grenade Nozzles				
40.025N-10	1/4"	Grenade Bomb Nozzle	EA	\$ 165.00
40.038	3/8"	Grenade Bomb with ceramic inserts	EA	\$ 315.00
40.050	1/2"	Grenade Bomb with ceramic inserts	EA	\$ 465.00
40.050-SP0	1/2"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 465.00
40.075	3/4"	Grenade Bomb with ceramic inserts	EA	\$ 670.00
40.075-SP0	3/4"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 670.00
40.100A	1"	Grenade Bomb with ceramic inserts	EA	\$ 1,040.00
40.100A-SP0	1"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,040.00
40.100ASP10	1"	Grenade Bomb with ceramic inserts - 10° jets only	EA	\$ 1,040.00
40.100ASP30	1"	Grenade Bomb with ceramic inserts - 30° jets only	EA	\$ 1,040.00
40.100B	1"	Grenade Bomb with ceramic inserts	EA	\$ 1,299.00
40.100B-FJ	1"	Grenade Bomb with ceramic inserts w/ Front Jet	EA	\$ 1,330.00
40.100B-SP0	1"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,299.00
40.100BSP10	1"	Grenade Bomb with ceramic inserts - 10° jets only	EA	\$ 1,299.00
40.100BSP30	1"	Grenade Bomb with ceramic inserts - 30° jets only	EA	\$ 1,299.00
40.100C	1-1/4"	Grenade Bomb with ceramic inserts	EA	\$ 1,299.00
40.125A	1-1/4"	Grenade Bomb with ceramic inserts	EA	\$ 1,200.00
40.125A-SP0	1-1/4"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,200.00
42.050	1/2"	Grenade Bomb with FanJet inserts	EA	\$ 625.00
42.075	3/4"	Grenade Bomb with FanJet inserts	EA	\$ 720.00
42.100A	1"	Grenade Bomb with FanJet inserts	EA	\$ 1,100.00
42.100ASP10	1"	Grenade Bomb with FanJet inserts - 10° jets only	EA	\$ 1,100.00
42.100ASP30	1"	Grenade Bomb with FanJet inserts - 30° jets only	EA	\$ 1,100.00
42.100B	1"	Grenade Bomb with FanJet inserts	EA	\$ 1,360.00
42.100BSP10	1"	Grenade Bomb with FanJet inserts - 10° jets only	EA	\$ 1,360.00
42.100BSP30	1"	Grenade Bomb with FanJet inserts - 30° jets only	EA	\$ 1,360.00
42.100C	1-1/4"	Grenade Bomb with FanJet inserts	EA	\$ 1,360.00
42.125A	1-1/4"	Grenade Bomb with FanJet inserts	EA	\$ 1,475.00
Bulldog Nozzles				

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400.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ Standard Head- CT 3/8" or 1/2"	EA	\$ 2,200.00
400.037S	1/2", 3/4"	Bulldog 37 Series w/ Standard Head- CT 1/2" w/Thrust	EA	\$ 2,220.00
401.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ RGS Head- CT 3/8" or 1/2"	EA	\$ 2,200.00
401.037S	1/2", 3/4"	Bulldog 37 Series w/ RGS Head- CT 1/2" w/Thrust	EA	\$ 2,220.00
404.037	3/8", 1/2"	Bulldog 37 Series w/ KBR Head- CT 1/2"	EA	\$ 2,200.00
404.037S	1/2"	Bulldog 37 Series w/ KBR Head- CT 1/2" w/Thrust	EA	\$ 2,220.00
404.037C	3/4"	Bulldog 37 Series w/ KBR Head- CT 3/4"	EA	\$ 2,200.00
406.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ Cross Jet Head- CT 3/8", 1/2", 3/4"	EA	\$ 2,200.00
406.037S	1/2", 3/4"	Bulldog 37 Series w/ Cross Jet Head- CT 1/2" or 3/4" w/Thrust	EA	\$ 2,220.00
400.060A/B	3/4" & 1"	Rotojet 60 Series- Bulldog CT 3/4"	EA	\$ 2,975.00
400.060BS	1"	Rotojet 60 Series- Bulldog CT 1" w/ Skid	EA	\$ 3,265.00
403.060A/B	3/4" & 1"	Bulldog Manhole Nozzle - 60 mm	EA	\$ 2,975.00
404.080HS100	1"	Bulldog 80 Series w/ 4" Skid CT 1"	EA	\$ 3,400.00
404.080HS150	1"	Bulldog 80 Series w/ 6" Skid CT 1"	EA	\$ 3,400.00
400.101A/B	1" / 1-1/4"	Bulldog 100 Series - CT 1" or 1-1/4"	EA	\$ 4,200.00
401.101A/B	1"	Bulldog 100 Series w/ RGS Head (NO THRUST) - CT 1" or 1-1/4"	EA	\$ 4,200.00
401.101AS/BS	1" / 1-1/4"	Bulldog 100 Series w/ RGS Head w/ Thrust- CT 1" or 1-1/4"	EA	\$ 4,200.00
00100.0372		Skid for Bulldog 400.037B	EA	\$ 185.00
00100.0372C		Skid for Bulldog 400.037B - CT 3/4"	EA	\$ 235.00
00100.0807		4" Replacement Skid for 400.060/404.080	EA	\$ 290.00
00100.0808		6" Replacement Skid for 404.080	EA	\$ 290.00
100.1017A		Skid for Bulldog 100 mm (Standard)	EA	\$ 345.00
100.1019A/B		Skid for Bulldog 100 mm (10" - 32" pipe)	EA	\$ 1,030.00
		<b>Bulldog Antiblast Nozzles</b>		
600.080	1"	Bulldog Antiblast	EA	\$ 3,560.00
600.100A/B	1" & 1-1/4"	Bulldog Antiblast	EA	\$ 4,400.00
		<b>Turbopuls Nozzles</b>		
410.060A/B	1/2" & 3/4"	Turbopuls - Vibration Nozzles (4" - 8")	EA	\$ 3,000.00
410.080A/B	1/2" & 3/4"	Turbopuls - Vibration Nozzles (6" - 12")	EA	\$ 4,200.00
410.120A/B	1" & 1-1/4"	Turbopuls - Vibration Nozzles (8" - 40")	EA	\$ 6,000.00
		<b>Cutting Ball Nozzles</b>		
420.070A	1/2"	Cutting Ball Nozzle CB70 - CT 1/2"	EA	\$ 2,300.00
420.070AS	1/2"	Cutting Ball Nozzle CB70 w/ Thrust - CT 1/2"	EA	\$ 2,375.00
420.090A	1/2"	Cutting Ball Nozzle CB90 - CT 1/2"	EA	\$ 2,375.00
420.090AS	1/2"	Cutting Ball Nozzle CB90 w/ Thrust - CT 1/2"	EA	\$ 2,450.00
425.090A	1/2"	Cutting Ball Nozzle CB90 - Carbide Head - CT 1/2"	EA	\$ 2,525.00
425.090AS	1/2"	Cutting Ball Nozzle CB90 - Carbide Head w/Thrust - CT 1/2"	EA	\$ 2,590.00
		<b>Bulldozer Nozzles</b>		
50.075G	3/4"	Bulldozer Scraper Unit 8 - 36"	EA	\$ 3,100.00
50.100G	1"	Bulldozer Scraper Unit 12 - 50"	EA	\$ 4,900.00
50.125G	1-1/4"	Bulldozer Scraper Unit 16 - 100"	EA	\$ 5,750.00
50.150	1-1/2"	Bulldozer Scraper Unit 20 - 180"	EA	\$ 6,650.00
0050.07510		Hardox Plate for 50.075	EA	\$ 815.00
0050.1003G		Skid (Right/Left) for 50.100G	EA	\$ 375.00
0050.1005G		Roll Cage for 50.100G	EA	\$ 390.00
0050.10010G		Hardox Plate for 50.100G	EA	\$ 815.00

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0050.10012G		Stabilizing Plate for 50.100G	EA	\$ 350.00
0050.12510		Hardox Plate for 50.125	EA	\$ 1,050.00
<b>Chisel Point Nozzles</b>				
60.012NSL15	1/8"	Chisel Point Nozzle fix drilled	EA	\$ 125.00
60.025NSL15	1/4"	Chisel Point Nozzle fix drilled (5 GPM)	EA	\$ 148.00
60.025NSL30	1/4"	Chisel Point Nozzle fix drilled (8 GPM)	EA	\$ 148.00
60.038NSL40	3/8"	Chisel Point Nozzle fix drilled (10.5 GPM)	EA	\$ 175.00
60.038NSL60	3/8"	Chisel Point Nozzle fix drilled (16 GPM)	EA	\$ 175.00
60.038N-30	3/8"	Chisel Point Nozzle thrust fix drilled - forward ceramic jets (8 GPM)	EA	\$ 235.00
60.038N-60	3/8"	Chisel Point Nozzle thrust fix drilled - forward ceramic jets (10 GPM)	EA	\$ 235.00
60.050	1/2"	Chisel Point Nozzle with ceramic inserts	EA	\$ 310.00
60.050NT	1/2"	Chisel Point Nozzle with ceramic inserts - NO THRUST JETS	EA	\$ 335.00
60.075	3/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 440.00
60.100	1"	Chisel Point Nozzle with ceramic inserts	EA	\$ 495.00
60.100L	1"	Chisel Point Nozzle with ceramic inserts - Long	EA	\$ 1,340.00
60.100L80	1"	Chisel Point Nozzle 80mm - CT 1"	EA	\$ 1,450.00
60.125	1-1/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 545.00
60.125L	1-1/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 1,645.00
61.0504		Center Point Drill for 60.050 & 60.075	EA	\$ 43.00
61.1004		Center Point Drill for 60.100, 60.100L & 60.125	EA	\$ 43.00
61.1254		Center Point Drill for 60.100L80 & 60.125L	EA	\$ 48.00
<b>Flounder Nozzles</b>				
70.050	1/2"	Flounder 1/2" - 6" - 10" Pipes	EA	\$ 650.00
70.075	3/4"	Flounder 3/4" - 8" - 16" Pipes	EA	\$ 730.00
70.100	1"	Flounder 1" - 12" - 24" Pipes	EA	\$ 1,600.00
70.125	1-1/4"	Flounder 1-1/4" - 16" - 32" Pipes	EA	\$ 1,775.00
<b>Ejector Nozzles</b>				
80.100	1"	Ejector Nozzle 1" - 10" - 20" Pipes	EA	\$ 4,250.00
80.100A	1"	Ejector Nozzle 1" - 16" - 60" Pipes	EA	\$ 5,995.00
80.125B	1-1/4"	Ejector Nozzle 1-1/4" - 24" - 80" Pipes	EA	\$ 7,825.00
80.125D	1-1/4"	Ejector Nozzle 1-1/4" - 40" - 118" Pipes	EA	\$ 10,200.00
<b>Hose Guides</b>				
90		Lower Single Roller	EA	\$ 1,303.00
0090.03		Additional 2nd Quick Lock for Lower Single Roller	EA	\$ 788.00
91M		Extra Small Multi Roller Hose Guide	EA	\$ 650.00
91		Small Multi Roller Hose Guide	EA	\$ 650.00
91A		Medium Multi Roller Hose Guide	EA	\$ 680.00
93		Manhole Roller Guide 18" - 32"	EA	\$ 597.00
91.05M		Flex-Guide - Stainless Steel (Mini) for 1/2" & 3/4" host	EA	\$ 1,950.00
91.05		Flex-Guide - Stainless Steel from 6" Ø	EA	\$ 2,360.00
91.07		Flex-Guide - Stainless Steel from 12" Ø	EA	\$ 3,040.00
93.7		Rope Clip for Upper Deflection Device	EA	\$ 515.00
<b>Combo Kits</b>				
	1/4" - Standard	30.0253N(6), 60.025NSL15, 04.016BN, 10.028N, 09.001	EA	\$ 1,883.00
		Kit Includes 1 wrench - 3.5 mm		
	3/8" - Standard	30.038N, 40.038N, 60.038N-30, 04.028BN, 09.001	EA	\$ 1,400.00

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		Kit Includes 2 wrenches - 3.5 mm - 5.0 mm		
	<b>3/8" - Bulldog</b>	30.038N, 40.038N, 60.038N-30, 400.037A, 09.001	EA	\$ 3,245.00
		Kit Includes 2 wrenches - 3.5 mm - 5.0 mm		
	<b>3/8" - Turbine</b>	30.038N, 40.038N, 60.038N-30, 10.060ATR-4", 09.001	EA	\$ 2,920.00
		Kit Includes 2 wrenches - 3.5 mm - 5.0 mm		
	<b>1/2" - Standard</b>	30.050, 36.050, 40.050, 60.050, 04.040A, 09.001	EA	\$ 2,455.00
		Kit Includes 3 wrenches - 3.5 mm - 5.0 mm - 7.0 mm		
	<b>1/2" - Bulldog</b>	30.050, 36.050, 40.050, 60.050, 400.037B w/skid, 09.001	EA	\$ 4,135.00
		Kit Includes 3 wrenches - 3.5 mm - 5.0 mm - 7.0 mm		
	<b>1/2" - Turbine</b>	30.050, 36.050, 40.050, 60.050, 10.060BTR-4", 09.001	EA	\$ 3,625.00
		Kit Includes 3 wrenches - 3.5 mm - 5.0 mm - 7.0 mm		
	<b>3/4" - Standard</b>	30.075, 40.075, 60.075, 02.050B, 04.050B, 09.003	EA	\$ 3,745.00
		Kit Includes 4 wrenches - 3.5 mm - 5.0 mm - 7.0 mm - 10.0 mm		
	<b>3/4" - Bulldog</b>	30.075, 40.075, 60.075, 02.050B, 400.060BS, 09.003	EA	\$ 5,985.00
		Kit Includes 4 wrenches - 3.5 mm - 5.0 mm - 7.0 mm - 10.0 mm		
	<b>3/4" - Turbine</b>	30.075, 40.075, 60.075, 02.050B, 10.060CTR-6", 09.003	EA	\$ 4,695.00
		Kit Includes 4 wrenches - 3.5 mm - 5.0 mm - 7.0 mm - 10.0 mm		
	<b>1"(A) - Standard</b>	30.100, 40.100A, 60.100, 02.100A, 04.060, 09.004	EA	\$ 5,915.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1"(A) - Bulldog</b>	30.100, 40.100A, 60.100, 02.060, 404.080*, 09.004	EA	\$ 6,785.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1"(A) - Turbine</b>	30.100, 40.100A, 60.100, 02.060, 10.125TR_Set, 09.004	EA	\$ 6,735.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1" (A) - Turbine8</b>	30.100, 40.100A, 60.100, 02.060, 10.125TR-US*, 09.004	EA	\$ 6,360.00
		*10.125TR-US is equipped with a 10.080 skid body		
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1" (B) 80 GPM + Standard</b>	30.100, 40.100B, 60.100L, 04.060, 02.100A, 09.004	EA	\$ 7,019.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1" (B) 80 GPM + Bulldog</b>	30.100, 40.100B, 60.100L, 02.100A, 404.080*, 09.004	EA	\$ 9,364.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1" (B) 80 GPM + Turbine</b>	30.100, 40.100B, 60.100L, 02.100A, 10.125TR_SET, 09.004	EA	\$ 9,314.00
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
	<b>1" (B) 80 GPM + Turbine80</b>	30.100, 40.100B, 60.100L, 02.100A, 10.125TR-US*, 09.004	EA	\$ 8,939.00
		*10.125TR-US is equipped with a 10.080 skid body		
		Kit Includes 3 wrenches - 5.0 mm - 7.0 mm - 10.0 mm - Tip Cleaning Kit		
		* Choice of skid size (4" or 6")		
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# Envirosight

## ROVVER X

Systems		List Price	State Contract Pricing
E-RX-SYS-Truck-Basic-18	Standard Rovver X System includes VC500 Controller with Vision Report Software installed, RAX300 Automatic Cable Reel with 300M (1000ft) cable, wireless remote controller, reel mounting frame, emergency stop cable, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 12" pipe diameter, RCX90 pan, tilt, zoom camera, Pressurization Kit, and Wincan VX entry license.	\$ 72,395.83	\$ 70,976.31
E-RX-SYS-Truck-PRO-18	Rovver X Truck Pro - System includes DCX5000 Desktop Controller with CCUI including emergency stop, RAX300 Automatic Cable Reel with 300M (1000ft) cable, wireless remote controller, reel mounting frame, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 12" pipe diameter, RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 83,333.33	\$ 81,699.35
E-RX-SYS-Truck-PRO 500-18	Truck Pro 500 - System includes DCX5000 Desktop Controller with CCUI including emergency stop, RAX500 Automatic Cable Reel with 500M (1640ft) cable, wireless remote controller, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 12" pipe diameter, RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 106,250.00	\$ 104,166.67
E-RX-SYS-SAT-ADD-PRO-18	Add on System for Existing RX PRO Systems - Includes RXSAT QCD 140 Crawler, PTP50 SAT Pan and Tilt Camera, AC40 SAT Axial Camera, RAXSAT 150 cable reel with 150M cable and 30M SAT push cable, double manhole bottom roller, guide pipes for 150mm - 500mm, connection cables.	\$ 80,729.17	\$ 79,146.24
E-RX-SYS-SAT-ADD-BASIC-18	Add on System for Existing RX Basic Systems - Includes DCX5000 Desktop Controller with CCUI, RXSAT QCD 140 Crawler, PTP50 SAT Pan and Tilt Camera, AC40 SAT Axial Camera, RAXSAT 150 cable reel with 150M cable and 30M SAT push cable, double manhole bottom roller, guide pipes for 150mm - 500mm, connection cables.	\$ 97,916.67	\$ 95,996.73
E-RX-SYS-SAT-18	Stand-Alone SAT System - Includes DCX5000 Desktop Controller with CCUI, RXSAT QCD 140 Crawler, PTP50 SAT Pan and Tilt Camera, AC40 SAT Axial Camera, RAXSAT 150 Cable Reel with 150M Cable and 30M SAT Push Cable, RAX300 Cable Reel with 300M (1000') cable and reel mounting frame, double manhole bottom roller, guide pipes for 150mm - 500mm, connection cables, pressurization kit, and Wincan VX entry license.	\$ 119,791.67	\$ 117,442.81
E-RX-SYS-SAT-Combo-18	Combination RX mainline and SAT System - Includes DCX5000 Desktop Controller with CCUI, RXSAT QCD 140 Crawler, PTP50 SAT Pan and Tilt Camera, AC40 SAT Axial Camera, RAXSAT 150 cable reel with 150M cable and 30M SAT push cable, RAX300 cable reel with 300M (1000') cable and reel mounting frame, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 36" pipe diameter, RCX90 pan, tilt, zoom camera, double manhole bottom roller, guide pipes for 150mm - 500mm, connection cables, pressurization kit, and Wincan VX entry license.	\$ 150,000.00	\$ 147,058.82
E-RX-SYS-Industrial-18	Rovver X Industrial System - System includes VC500 Controller with Vision Report Software installed, RM100 Cable Reel with 100M (330ft) cable, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 12" pipe diameter, RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 61,458.33	\$ 60,253.27
E-RX-SYS-Portable-18	Rovver X Portable System - System includes VC500 Controller with Vision Report Software installed, RM200 Manual Cable Reel with 200M (660ft) cable, RX130 Quick Change version crawler with 3 sets of rubber wheels for 6" to 12" pipe diameter, RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 60,937.50	\$ 59,742.65
E-RX-SYS-Basic-400-18	Rovver X Truck Basic 400 System - System includes VC500 Controller with Vision Report Software installed, RAX300 Automatic Cable Reel with 300M (1000ft) Cable, wireless remote controller, reel mounting frame, emergency stop cable, RX400 Crawler with two sets of wheels for pipe diameter 24"-59". RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 102,317.71	\$ 100,311.48

FRONTIER EQUIPMENT REVISED PRICING

E-RX-SYS-PRO-400-18	Rovver X Truck Pro 400 System - System includes DCX5000 Controller with CCUI, RAX300 Automatic Cable Reel with 300M (1000ft) Cable, wireless remote controller, reel mounting frame, RX400 Crawler with two sets of wheels for pipe diameter 24"-59". RCX90 pan, tilt, zoom camera, pressurization kit, and Wincan VX entry license.	\$ 119,791.67	\$ 117,442.81
<b>Crawlers</b>			
E-555-0900-03	RX95 Crawler - Steerable, with 2 High Performance Motors and 6 wheel drive. Weight approx 4kg, brass, for diameters from 100 up to approx 200mm, including standard wheels. With pressure indicator, inclination and tilt sensors, Location Transmitter.	\$ 13,000.00	\$ 12,740.00
E-560-0900-06	ROVVER X 130 Crawler QCD - Steerable, with 2 High Performance Motors and 6 wheel drive. Weight approx 8kg, anodized aluminium, for diameters from 150 up to approx 400 mm, including standard wheels (6x 080-0520-00). With pressure indicator, inclination and tilt sensors, Location Transmitter, Backey camera and clutch.	\$ 18,500.00	\$ 18,130.00
E-558-0900-04	ROVVER X 400 Crawler - Steerable, with 2 high performance engines and a 4 wheel drive, large ground clearance, electrically operated 2 shift gearbox and electrically operated clutch.	\$ 54,392.00	\$ 53,304.16
E-536-0900-05	RAXSAT140 Crawler	\$ 42,000.00	\$ 41,160.00
<b>Cameras</b>			
E-554-0900-03	RAC50 Axial Camera - High Resolution CMOS color camera with 0.025lux low light sensitivity, 420TVL horizontal resolution, fixed iris, fixed focus, auto shutter function, high power LED's and 60 degree diagonal angle of view	\$ 5,200.00	\$ 5,096.00
E-561-0900-04	RCX90 Camera - High resolution CCD Colour camera with Zoom (10x optical and 12x digital), light sensitivity, 1 Lux, Shutter (automatic and manual), auto focus, manual and auto function, buid in LED, angle of view ca 65 degrees. 2x 135 degree tilt and ...	\$ 24,440.00	\$ 23,951.20
E-581-0900-05	PTP70II Camera for RX/RXSAT Systems (Includes crawler adaptor)	\$ 15,875.00	\$ 15,557.50
E-596-0900-01	AC40 Camera	\$ 4,867.90	\$ 4,770.50
E-592-0900-02	AC52 Camera	\$ 7,200.00	\$ 7,056.00
E-595-0900-00	PTP50 Camera for SAT And Agilios Systems	\$ 13,000.00	\$ 12,740.00
E-595-0960-00	PTP50 Camera for RX Crawlers	\$ 13,000.00	\$ 12,740.00
<b>Cable Reels</b>			
E-551-0900-01	ROVVER X Cable Reel RMX100 Manual Reel - Includes case with electronics and 100M Cable	\$ 13,443.60	\$ 13,174.70
E-563-0900-01	ROVVER X Cable Reel RMX200 Manual - for portable system with slip ring and meter - counter, splash proff. 200M of Cable Included.	\$ 14,000.00	\$ 13,720.00
E-562-0900-03	ROVVER X Motorized Cable Reel RAX300 - Automatic, meter-counter, slash-proof, for up to 300M Cable. Power supply 115 or 230 volts. Incl. Remote Control. 300M of Cable Included	\$ 26,928.60	\$ 26,390.00
E-590-0900-02	ROVVER X Motorized Cable Reel RAX500 - Automatic for up to 500M Cable. Comes with Cable Pulley, and Rear Pendant Controls and CCUII. 500M Cable Included	\$ 42,000.00	\$ 41,160.00
E-589-0900-01	RAXSAT150 Cable Reel includes 150M Orange cable and 30M SAT Push Cable	\$ 37,000.00	\$ 362,360.00
<b>Control Unit</b>			
E-586-0920-00	DCX5000 Control Pendant with CCUI	\$ 20,800.00	\$ 20,384.00
E-598-0900-00	Rovver X Vision Control 500	\$ 11,960.00	\$ 11,720.80
<b>Cable</b>			

E-200-9100-02	SV & RX Camera Cable Gore Orange 100M Complete.	\$ 4,160.00	\$ 4,076.80
E-200-9200-01	SV & RX Camera Cable Gore Orange 200M Complete.	\$ 6,240.00	\$ 6,115.20
E-200-9300-01	SV & RX Camera Cable Gore Orange 300M Complete 19 pin connector on cable reel side	\$ 6,760.00	\$ 6,624.80
E-200-9300-02-SP	SP Cable orange 300M Complete 7 pin connector on cable reel side	\$ 7,200.00	\$ 7,056.00
E-200-9500-00	SV Orange Advanced Cable 500M complete assembly	\$ 10,608.00	\$ 10,395.84
<b>DigiSewer</b>			
E-RX-SYS-Digi	ROVVER X DigiSewer DS3 Camera and WinCan Module	\$ 37,500.00	\$ 36,750.00
E-556-0950-00	Auxiliary Light RAL1000 for DS3	\$ 4,160.00	\$ 4,076.80
<b>Accessories</b>			
E-564-0900-04	Remote Lift Accessory - Camera Elevator Kit for RX130 - for pipes with 12" diameter and larger, raises the RCX90 on the RX130 Crawler	\$ 13,020.83	\$ 12,765.52
E-569-0900-00	ROVVER 130X Large-Diameter Carriage RCR1000 - Extends the use of the ROVVER 130X crawler for pipes from 24" diameter and larger.	\$ 10,400.00	\$ 10,192.00
E-559-0900-03	LED Auxiliary Light with Backeye Camera for ROVVER X 130	\$ 3,700.00	\$ 3,626.00
E-567-0900-00	LED Auxiliary Light for ROVVER X 130 - high powered LED auxiliary light with reflectors.	\$ 3,120.00	\$ 3,057.60

<b>Wheels for Crawler Systems</b>			
E-080-0701-00	Small Rubber QCD Wheel	\$ 235.13	\$ 230.43
E-080-0702-01	Medium Rubber QCD Wheel	\$ 276.04	\$ 270.63
E-080-0703-01	Large Rubber QCD Wheel	\$ 281.25	\$ 275.74
E-080-0704-01	XXL Rubber QCD Wheel	\$ 546.88	\$ 536.15
E-080-0705-00	Small Grease QCD Wheel	\$ 265.63	\$ 260.42
E-080-0706-00	Medium Grease QCD Wheel	\$ 338.54	\$ 331.90
E-080-0707-00	Large Grease QCD Wheel	\$ 375.44	\$ 367.93
E-080-0709-00	Small Aggressive QCD Wheel	\$ 435.14	\$ 426.44
E-080-0710-00	Large Aggressive QCD Wheel	\$ 585.96	\$ 574.24
E-080-0711-00	Medium Aggressive QCD Wheel	\$ 570.33	\$ 558.92
E-080-0712-01	Middle Climbing Wheel	\$ 161.46	\$ 158.29
<b>Accessories for Crawler Systems</b>			
E-000-0020-00	CO2 Canister (74g) Shipping by Ground Only	\$ 21.84	\$ 21.40
E-000-0023-00	Nitrogen Canister (74g) Shipping by Ground Only	\$ 25.00	\$ 24.50
E-000-0035-00	Top Manhole Cable Roller (part# (37560); Aluminum frame and rubber wheel with bearings, protects cable from manhole top cover edge and reduces friction to improve crawler performance	\$ 400.00	\$ 392.00
E-000-0036-00	Tyger® Tail 2" for manhole bottom cable protection; 2 inch diameter rubber sleeve to protect cable from manhole bottom pipe entry.	\$ 70.00	\$ 68.60
E-035-0209-00	RA150 Flexible Cable Guide Pulley for Manhole-bottom; best way to manage cable and have least amount of friction on cable and crawler.	\$ 1,035.00	\$ 1,014.30
E-512-0901-00-SP	SV and Rovver X Cable Re-termination Kit	\$ 1,297.89	\$ 1,271.93
E-512-0902-01	Cable Re-termination Kit for SAT Cable Reel	\$ 516.84	\$ 506.50
E-PRE-0000-01	Main Pressurization Kit - For all systems	\$ 364.00	\$ 356.72

	<b>VeriSight Pro Plus</b>		
<b>Systems</b>		<b>List Price</b>	<b>State Contract Pricing</b>
E-V-SYS-SPP-009	Verisight PRO Plus Push Camera System - Standard Package with 200' cable, self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.	\$ 10,156.25	\$ 9,957.11
E-V-SYS-SPP-109	Verisight PRO Plus System - Standard Package with 330' cable, self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.	\$ 11,197.92	\$ 10,978.35
E-V-SYS-SPP-409	Verisight PRO Plus System - Standard Package with 130' Cable, self leveling camera, tri frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.	\$ 8,840.00	\$ 8,663.20
E-V-SYS-360-019	VeriSight Pro 360 200' Pan/Tilt Push Camera with Digital Viewer/Recorder - Standard Package with 200' cable, pan/tilt camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 2 skids, and tooling.	\$ 22,880.00	\$ 22,422.40
E-V-SYS-360-119	VeriSight Pro 360 330' Pan/Tilt Push Camera with Digital Viewer/Recorder - Standard Package with 330' cable, pan/tilt camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 2 skids, and tooling.	\$ 24,960.00	\$ 24,460.80
<b>Camera's</b>			
E-V-CAM-026-SPP	Pan & Tilt Camera (360) for Verisght Pro Plus	\$ 13,541.67	\$ 13,276.14
E-V-CAM025SPP	VSP+ Axial Camera (CAM025)	\$ 4,500.00	\$ 4,410.00
<b>Accessories</b>			
E-V-ASS-002-008	1500mm Roller Skid (8"/9" pipes)	\$ 681.20	\$ 667.58
E-V-ASS-002-009	200mm Roller Skid (12"-15" pipes)	\$ 873.60	\$ 856.13
E-V-ASS-001-955	Roller Skid Size 2 (P&T)	\$ 853.60	\$ 836.53
E-V-ASS-002-160	Roller Skid Size 1 (P&T)	\$ 666.20	\$ 652.88
E-V-ASS-001-632	External Video Input lead - NTSC for Verisight Pro - Can be used with QVH and other video inputs.	\$ 243.36	\$ 238.49

QuickView Air HD			
Systems		List Price	State Contract Pricing
E-QV-SYS-AIRHD	QuickView Air HD System - includes Wireless Camera Head with built in Wifi, 16' CF Pole, 6' Extension Pole, Bipod, Spring Loaded Standoff, 2 Batteries, and Battery Charger.	\$ 15,550.00	\$ 15,239.00
Accessories			
E-152510-BOM	Additional Battery Pack Assembly	\$ 750.90	\$ 735.87
E-153390-BOM	6-ft Extension Pole	\$ 647.30	\$ 634.37
E-GALAXY TAB	Samsung Galaxy Tablet	\$ 776.80	\$ 761.26
E-153801-BOM	Battery Charger Base	\$ 494.79	\$ 485.09
E-153804	Wall Plug for Battery Charger Base	\$ 62.24	\$ 61.02
E-QVA-WA_Diff-Kit	Wide Angle Lens and Diffuser Kit	\$ 136.72	\$ 134.04
E-QVA-Laser	QuickView Air Laser Measurement	\$ 1,666.67	\$ 1,633.99

# JETSCAN

		List Price	State Contract Price
E-SYS-JETSCAN COMBO SLS STD	JetScan 2.0 Camera with accessories Case, wireless charging pad, STD 6" skid and 8" self leveling skid with hose connection and 6 jetting nozzles.	\$ 13,000.00	\$ 12,740.00
E-SYS-JETSCAN CAM STD 6"	JetScan 2.0 Camera with accessories Case, wireless charging pad, STD 6" skid with hose connection and 6 jetting nozzles.	\$ 9,500.00	\$ 9,310.00
E-SYS-JETSCAN CAM SL-8"	JetScan 2.0 Camera with accessories Case, wireless charging pad, self leveling 8" skid with hose connection and 6 jetting nozzles.	\$ 10,000.00	\$ 9,800.00
E-6" SKID ASSEMBLY	6" Skid only with nozzle housing	\$ 3,103.00	\$ 3,040.94
E-8" SKID ASSEMBLY	8" Self leveling skid only with nozzle housing	\$ 3,500.00	\$ 3,430.00

CleverScan

			List Price	State Contract Pricing
		CleverScan Manhole Scanning System - Includes all Hardware (Camera, Cable, and Electronics) Scanning Software and WinCan License	\$ 72,959.20	\$ 71,050.00
	E-030-0900-00			



	Vehicle Build Outs		
Outpost System Enclosures		List Price	State Contract Price
E-Outpost-RX-V3.0	Outpost Portable Enclosure/Inspection Platform: Aluminum Box is 46.5" H x 42.25" W x 42.25" D, interior painted non-glaring black. Box interior has shelving for monitor, VCR, CCU and Cable reel, Single Tool drawer. Includes washdown system with a 50 ft. hose reel, housed in the upper left rear compartment. A fresh water tank is included with the 110 volt pump with 40 psi, as well as an outside fresh water fill.	\$ 10,350.00	\$ 10,143.00
E-Outp-GenslideOut	Outpost Generator Slide-out Upgrade: A slide tray made to hold the generator in the upper right rear compartment would be supplied. The generator will slide out of the compartment approximately 24 inches permitting the generator to stay fixed on the t...	\$ 644.80	\$ 607.60
E-U2000	U2000 Honda 2KW Generator	\$ 2,200.00	\$ 2,156.00

### Buildout to Customer Supplied Chassis

Buildout to Customer Supplied Chassis		List Price	State Contract Price
14' Trailer	Includes 7000-W Honda Generator, 13,500-BTU Roof Air Conditioner with 5600-BTU Heat Strip Controlled via Digital Thermostat, 2-Drawer Filing Cabinet with Formica Top, Tool Package, Rear Roof-Mounted LED Strobe, Back-Up Camera and 14' Aluminum Tandem-Axle Trailer	\$ 47,500.00	\$ 46,550.00
14' Dry Freight Diesel Generator	Includes 6.0 kW Onan Super-Quiet Diesel-on-Diesel Generator, 13,500-BTU Roof Air Conditioner with 5600-BTU Heat Strip Controlled via Digital Thermostat, Built-in 2-Drawer File Cabinet with Formica Top, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, Back-Up Alarm	\$ 48,125.00	\$ 47,162.50
14' Cutaway MEPS RoadPower	Includes 6.3 kW MEPS RoadPower Source, 13,500-BTU Roof Air Conditioner w/ 5600-BTU Heat Strip Controlled via Digital Thermostat, 2-Drawer File Cabinet with Formica Top, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED A	\$ 42,500.00	\$ 41,650.00
14' Cutaway Gas Generator	Includes 5.5 kW Onan Super-Quiet Gas-on-Gas Generator, 13,500-BTU Roof Air Conditioner w/5600-BTU Heat Strip Controlled via Digital Thermostat, 2-Drawer File Cabinet with Formica Top, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, R	\$ 39,687.50	\$ 38,893.75
Ford Transit Inverter	Includes 3.0 kW Xantrex Inverter, 2-Drawer File Cabinet with Formica Top, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 34,880.00	\$ 34,182.40



<b>Ford Transit MEPS</b>	Includes 6.3 kW MEPS RoadPower Source, 13,500-BTU Roof Air Conditioner w/ 5600-BTU Heat Strip Controlled via Digital Thermostat, 2-Drawer File Cabinet with Formica Top, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 41,875.00	\$ 41,037.50
<b>Ford Transit Generator</b>	Includes 5.5 kW Onan Super-Quiet Gas-on-Gas Generator, 13,500-BTU Roof Air Conditioner w/5600-BTU Heat Strip Controlled via Digital Thermostat, 2-Drawer File Cabinet Under Desk, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 37,437.50	\$ 36,688.75
<b>ProMaster MEPS</b>	Includes 5.0 kW MEPS RoadPower Source, 13,500 BTU Roof Air Conditioner, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 41,125.00	\$ 40,302.50
<b>ProMaster Inverter</b>	Includes 3.0 kW Xantrex Inverter, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 33,125.00	\$ 32,462.50
<b>Nissan NV</b>	Includes 6.3 kW MEPS RoadPower Source, Tool Package, Corner-Mounted LED Spotlights, Front Roof-Mounted LED Strobe, Rear LED Arrow Board, Back-Up Camera, and Back-Up Alarm	\$ 41,250.00	\$ 40,425.00
Available Options			
Additional LED Strobe	Additional LED Strobe (Front or Rear)	\$ 500.00	\$ 490.00
Additional LED Arrow Board	Additional LED Arrow Board (Front or Rear)	\$ 875.00	\$ 857.50
LED Strobes	LED Strobes on all Four (4) Corners	\$ 750.00	\$ 765.31
Carbon Monoxide Detector	Battery Operated Carbon Monoxide Detector in office (Not available on Box Trucks or Transit Generator)	\$ 131.25	\$ 128.63
Color Printer	Color Printer with Ink	\$ 437.50	\$ 428.75
Additional Viewing Monitor	19" Tru-Vu Video Monitor (required for SAT)	\$ 868.75	\$ 851.38
Computer Monitor	19" Tru-Vu Computer Monitor (required for Rack Mount)	\$ 868.75	\$ 851.38
Monitor Mount	Supports 3 monitors (Required for SAT or Rack Computer)	\$ 750.00	\$ 735.00
Keyboard Tray	Under-desk mounted Keyboard Tray (required for SAT, optional for Rack Mount)	\$ 187.50	\$ 183.75
Sunlight Readable Monitor	19" Tru-Vu Sundlight-Viewable Monitor	\$ 1,875.00	\$ 1,837.50
Ethernet Cable	Ethernet Cable	\$ 437.50	\$ 428.75
Swing-Out Light	110V Swing-Out Light	\$ 312.50	\$ 306.25
Handheld Spot Light	12V Handheld Spot Light	\$ 250.00	\$ 245.00
Corner-Mounted Spotlights	Corner-mounted Spotlights	\$ 250.00	\$ 245.00
Cabinet Light	Remote Cabinet LED with Actuators	\$ 687.50	\$ 673.75
Reel Slide Swivel w/Frame	Cable Reel Slide Swivel with Support Frame (Available on Transit and ProMaster)	\$ 1,750.00	\$ 1,715.00
Reel Slide Swivel	Cable Reel Slide Swivel (Available on Box Trucks, Nissan, and Trailers)	\$ 1,243.75	\$ 1,218.88
Sink	Sink (Not available on ProMaster, Nissan, or Trailer)	\$ 1,500.00	\$ 1,470.00
Pedestal Crane	Western Mule Pedestal Crane (Not available on ProMaster or Nissan)	\$ 4,875.00	\$ 4,777.50
Bumper Drawer	Pull-Out Bumper Drawer (Available on Box Trucks)	\$ 2,375.00	\$ 2,327.50
Bedslide	Bedslide (Available on Box Trucks and Trailer)	\$ 2,250.00	\$ 2,205.00
Pocket Door	Pocket Door (Not available on Transit Gas Generator, ProMaster, or Nissan)	\$ 1,243.75	\$ 1,218.88
Air Compressor	Air Compressor (6-gal, 150 psi) (Available on Box Trucks and Trailer)	\$ 661.25	\$ 648.03
Metal Detector	Metal Detector	\$ 1,031.25	\$ 1,010.63
4 1/2" Bench Vise	4 1/2" Bench Vise	\$ 213.00	\$ 209.00
Magnetic Tool Holders over Workbench	Magnetic Tool Holders over Workbench	\$ 139.00	\$ 136.00
Peg Board over Workbench	Peg Board over Workbench	\$ 187.50	\$ 183.75
Insulation	Full Insulation of the Ceilings and Walls	\$ 1,243.75	\$ 1,218.88

Upgrade to 16' Cutaway	Upgrade to 16' Aluminum Cutaway Box	\$ 875.00	\$ 857.50
Upgrade to 16' Dry Freight	Upgrade to 16' Aluminum Dry Freight Box	\$ 875.00	\$ 857.50
Roll-up Rear Door	Roll-Up Rear Door (Available on Box Trucks)	\$ 500.00	\$ 490.00
5.5 Onan Generator Upgrade	Upgrade to Onan 5.5 Gas Generator w/ Aluminum Enclosure (Available on Trailer)	\$ 4,593.75	\$ 4,501.88
Cone Storage	Front Bumper Cone Storage (Not available on Trailers)	\$ 125.00	\$ 122.50
Underbody Generator Mount	Underbody Generator Mount (Available on Box Trucks)	\$ 500.00	\$ 490.00
7.0 Onan Generator Upgrade	Upgrade to 7.0KW Onan Gas Generator (Available on Box Cutaway Gas)	\$ 2,812.50	\$ 2,756.25
Uninterruptible Power Supply	Rack-mount Uninterruptible Power Supply (Not available on Box Dry Freight, Box Cutaway Gas, or Transit Gas Generator)	\$ 1,243.75	\$ 1,218.88
Quickview Storage	Storage for Quickview (Available on Box Trucks)	\$ 250.00	\$ 245.00
VeriSight Pro+ Storage	Storage for VeriSight Pro and Pro+ (Available on Box Trucks and Trailer)	\$ 250.00	\$ 245.00
Wall-Mount Heater	Wall-Mount Heater - One Only (Not available on ProMaster Inverter)	\$ 281.25	\$ 275.63
Rear Awning	Rear Awning (Not available on ProMaster or Nissan)	\$ 2,250.00	\$ 2,205.00
Doggie Door	RVX Doggie Door (Available on Box Trucks and Trailer)	\$ 868.75	\$ 851.38
SAT Doggie Door	SAT Doggie Door (Available on Box Trucks and Trailer)	\$ 868.75	\$ 851.38
External Access Cummins Onan	External Access Cummins Onan Genset Box Install (Available on Box Trucks)	\$ 1,500.00	\$ 1,470.00

T E X A S		
UNDERGROUND i n c.		
1617 Garden Road Pearland Texas 77581		
800-373-1318		

VACHUNTER COMBO TRAILER	VACHUNTER 500 COMBO Trailer & Skid Mount LIST \$183,978.60 DISCOUNT PRICE \$178,620.00
	WATER 40 GPM 3,000 PSI -CFM 2300 -DEBRIS TANK 500 GALLONS - WATER 500 GALLONS- POWERED BOOM - 140 HP DIESEL WITH CLUTCH- 600' JET HOSE ARTICULATING REEL- VACUUM HOSE AND ALLSTD. VAC JET EQUIPMENT-HYDRAULIC REAR DOOR- HYDRAULIC DUMP TRAILER OR TRUCK MOUNT MODULE ONLY
VACHUNTER COMBO TRUCK	VACHUNTER 3634 PH6C TRUCK MOUNT LIST \$180,167.60 DISCOUNT PRICE \$174,920.00
	WATER 40 GPM 3,000 PSI PTO DRIVE -CFM 3000 PTO DRIVE -DEBRIS TANK 3YD 600 GALLONS - WATER 600 GALLONS- POWERED TELESCOPE BOOM - FRONT MOUNT 600' JET HOSE ARTICULATING REEL- VACUUM HOSE AND ALLSTD. VAC JET EQUIPMENT-HYDRAULIC REAR DOOR- HYDRAULIC DUMP-TRUCK MOUNT MODULE ONLY
JET_EYE CAMERA	PIPEHUNTER JET EYE CONVERSION LIST \$55,620.00 DISCOUNT PRICE \$54,000.00
	MONITOR WITH KEYBOARD -COLOR CAMERA -FLASH DRIVE- JET TV HOSE 500FT- JET EYE NOZZLE AND SKIDS- FOOTAGE COUNTER -INSTALL INCLUDED -ALL STD EQUIP
<b>2019-2020 PIPEHUNTER OPTIONS 5% DISCOUNT</b>	

		SALE PRICE	LIST
100poly	100 Gallon Water Tank	\$ 375.00	\$ 393.75
200poly	200 Gallon Water Tank	\$ 550.00	\$ 577.50
300poly	300 Gallon Water Tank	\$ 750.00	\$ 787.50
400 poly	400 Gallon Water Tank	\$ 1,000.00	\$ 1,050.00
500poly	500 Gallon Water	\$ 2,500.00	\$ 2,625.00
700poly	700 Gallon Water Tank	\$ 2,800.00	\$ 2,940.00
10poly	1,000 Gallon Water Tank	\$ 4,000.00	\$ 4,200.00
16poly	1,600 Gallon Water Tank	\$ 5,000.00	\$ 5,250.00
20poly	2,000 Gallon Water Tank	\$ 5,500.00	\$ 5,775.00
30poly	3,000 Gallon Water Tank	\$ 6,000.00	\$ 6,300.00
50poly	5,000 Gallon Water Tank	\$ 6,500.00	\$ 6,825.00
bballs37	Baffle Balls for Trailers (300 to 700 gallons)	\$ 900.00	\$ 945.00
bballs715	Baffle Balls for Trucks (700-1500 gallons)	\$ 1,800.00	\$ 1,890.00
bballs155	Baffle Balls for Trucks (1500-5000 gallons)	\$ 2,800.00	\$ 2,940.00
d-fill	Dual Filler Assembly	\$ 310.00	\$ 325.50
Top-bask	Top Strainer Basket	\$ 125.00	\$ 131.25
Hyd-Strain	Hydrant Strainer	\$ 225.00	\$ 236.25
2 drain	2" auxiliary drain valve	\$ 250.00	\$ 262.50
3 drain	3" auxiliary drain valve	\$ 350.00	\$ 367.50
sight-gauge	Main water sight gauge	\$ 225.00	\$ 236.25
Fill50	50ft Fill Hose 2.5"	\$ 195.00	\$ 204.75
Fill25	25ft Fill Hose 2.5"	\$ 125.00	\$ 131.25
HYD-OFF	Auto Water Fill Shut Off	\$ 3,200.00	\$ 3,360.00
	<b>WATER PUMP OPTIONS</b>		
3004-DU-GUN	Dump Gun	\$ 2,200.00	\$ 2,310.00
9000-0085COMP	Air Purge with 12 Volt air Compressor w/ quick connects at pump	\$ 975.00	\$ 1,023.75
9000-0085	Air Purge	\$ 185.00	\$ 194.25
9000-0094	Spray Bar In Cab Controls	\$ 1,900.00	\$ 1,995.00
9000-0094 GRAV	Spray Bar Gravity Feed	\$ 1,100.00	\$ 1,155.00
9000-ANTI 1.2	Antifreeze Package 10 Gallon 1/2"	\$ 895.00	\$ 939.75

9000-ANTI 3.4-1	Antifreeze Package 25 Gallon	\$ 1,200.00	\$ 1,260.00
9000-0105	Petcocks for Winter	\$ 102.00	\$ 107.10
3004-0170	Winter Recirculation	\$ 295.00	\$ 309.75
9000-PULS	Pulsation	\$ 695.00	\$ 729.75
9000-0034	Washdown System	\$ 495.00	\$ 519.75
9000-Degrease	Degreaser System	\$ 2,500.00	\$ 2,625.00
9000-0061	Multi-flow valve	\$ 295.00	\$ 309.75
9000-0061-1in	Multi-flow valve 1"	\$ 325.00	\$ 341.25
HYDRO- X ADD O	Hydro excavation Package-Gun, Spinner Tip, 0 Degree, 15 Degree Tip (2) 4ft Barrel Extension 50ft Retractable Hand Gun Reel w 50' x 3/8" hose	\$ 4,500.00	\$ 4,725.00
	<b>PRESSURE FLOW UPGRADES</b>		
PHFLOW1	Pressure Flow Upgrade #1	\$ 2,500.00	\$ 2,625.00
PHFLOW2	Pressure Flow Upgrade #2	\$ 5,000.00	\$ 5,250.00
PHFLOW3	Pressure Flow Upgrade #3	\$ 8,000.00	\$ 8,400.00
PHFLOW4	Pressure Flow Upgrade #4	\$ 10,000.00	\$ 10,500.00
PHFLOW5	Pressure Flow Upgrade #5	\$ 12,500.00	\$ 13,125.00
	<b>HOSE REELS</b>		
	<b>UPGRADE SINGLE JET REEL OPTIONS 1/2" 3/4"</b>		
FMount REEL	FRONT MOUNT REEL UPGRADE	\$ 11,500.00	\$ 12,075.00
	<b>UPGRADE SINGLE JET REEL OPTIONS 1/2" 3/4"</b>		
PH-REEL 800 3.4	800' Hose Reel	\$ 800.00	\$ 840.00
PH-REEL 1000 3.4	1000' Reel	\$ 1,000.00	\$ 1,050.00
PH-REEL 1200 3.4	1200' Reel	\$ 1,200.00	\$ 1,260.00
	<b>UPGRADE SINGLE JET REEL OPTIONS 1" 1-1/4"</b>		
PH-REEL 800 1	800' Articulating Hose Reel	\$ 1,000.00	\$ 1,050.00
PH-REEL 1000 1	1000' Articulating Reel	\$ 1,200.00	\$ 1,260.00
PH-REEL 1200 1	1200' Articulating Reel	\$ 1,400.00	\$ 1,470.00
	<b>UPGRADE DUAL JET REEL OPTIONS 1/2" x 3/4"</b>		
PH-REEL 800 D3.4	600' x 600' Hose Reel	\$ 3,600.00	\$ 3,780.00
PH-REEL1000 D3	800' x 800' Hose Reel	\$ 4,000.00	\$ 4,200.00
PH-REEL1200 D3	1000' x 1000' Hose Reel	\$ 5,600.00	\$ 5,880.00
	<b>UPGRADE DUAL JET REEL OPTIONS 1/2" x 1"</b>		
PH-REEL 600 D1	600' x 600' Hose Reel	\$ 4,000.00	\$ 4,200.00
PH-REEL800 D1	800' x 800' Hose Reel	\$ 4,400.00	\$ 4,620.00
PH-REEL1000 D1	1000' x 1000' Hose Reel	\$ 6,000.00	\$ 6,300.00
	<b>UPGRADE DUAL MULTI SIZED JET HOSE REELS</b>		
PH-REEL MULTI	1/2" X	\$ 4,000.00	\$ 4,200.00
PH-REEL MULTI	3/4"x	\$ 4,400.00	\$ 4,620.00
PH-REEL MULTI	1"x	\$ 6,000.00	\$ 6,300.00
	<b>UPGRADE SINGLE JET EYE REEL OPTIONS 1/2" 3/4"</b>		\$ -
JE-REEL 8	800' Hose Reel	\$ 1,000.00	\$ 1,050.00
JE-REEL 10	1000' Reel	\$ 1,200.00	\$ 1,260.00
JE-REEL 12	1200' Reel	\$ 1,400.00	\$ 1,470.00
	<b>UPGRADE SINGLE JET EYE REEL OPTIONS 1" 1-1/4"</b>		
JE-REEL 8-1	800' Hose Reel	\$ 1,200.00	\$ 1,260.00
JE-REEL 10-1	1000' Hose Reel	\$ 1,400.00	\$ 1,470.00
JE-REEL 12-1	1200' Hose Reel	\$ 1,600.00	\$ 1,680.00
	<b>UPGRADE DUAL JET EYE REEL OPTIONS 1/2" x 3/4"</b>		
JE-REEL 600 D1	600' x 600' Hose Reel	\$ 3,800.00	\$ 3,990.00

JE-REEL800 D1	800' x 800' Hose Reel	\$	4,200.00	\$	4,410.00
JE-REEL1000 D1	1000' x 1000' Hose Reel	\$	5,800.00	\$	6,090.00
	<b>UPGRADE DUAL JET EYE REEL OPTIONS 1/2" x 1"</b>				
JE-REEL 600 D2	600' x 600' Hose Reel	\$	4,200.00	\$	4,410.00
JE-REEL800 D2	800' x 800' Hose Reel	\$	4,600.00	\$	4,830.00
JE-REEL1000 D2	1000' x 1000' Hose Reel	\$	6,200.00	\$	6,510.00
	<b>REEL OPTIONS MISC.</b>				
PH-REEL F-REEL	Hose Reel Free Spin With On/Off valve	\$	375.00	\$	393.75
PH-REEL H-ART	Powered Rotation for Reel	\$	4,200.00	\$	4,410.00
3021-RE-COV	Hose Reel Front Guard Safety (Plex) Glass	\$	2,500.00	\$	2,625.00
3021-RET25	25' Retractable Hand Gun Reel With 25 ft Hose	\$	1,450.00	\$	1,522.50
3021-RET50	50' Retractable Hand Gun Reel With 50ft Hose	\$	1,685.00	\$	1,769.25
3021-RET75	75' Retractable Hand Gun Reel With 25 ft Hose	\$	2,600.00	\$	2,730.00
3021-RET100	100' Retractable Hand Gun Reel With 50ft Hose	\$	3,300.00	\$	3,465.00
3021-MAN25	25' Reel With 25 ft Hose Manual	\$	795.00	\$	834.75
3021-MAN50	50' Reel With 50ft Hose Manual	\$	825.00	\$	866.25
3021-MAN75	75' Reel With 75 ft Hose Manual	\$	850.00	\$	892.50
PH-LAT-200M	Lateral Reel Cart 200 ft Capacity 150 ft Hose Nozzle Included (Manual)	\$	1,950.00	\$	2,047.50
PH-LAT-200E	Electric Lateral Reel 200 ft Capacity 150 ft Hose Nozzle Included	\$	3,200.00	\$	3,360.00
PH-GARDEN 100	Garden Hose Reel 100'	\$	575.00	\$	603.75
PH- Auto Lube	Auto Swivel Lube	\$	125.00	\$	131.25
8000-0156	Retractable Reel - hand held spot light	\$	260.00	\$	273.00
MFOOTREEL	Manual Footage Counter Next to reel	\$	712.00	\$	747.60
MFOOTLEVEL	Manual Footage Counter-Levelwind	\$	830.00	\$	871.50
DFOOTLEVEL	Digital Footage Counter-Panel Mt.	\$	3,500.00	\$	3,675.00
D-ROLLLEVEL	Double Roller Hinged Levelwind	\$	295.00	\$	309.75
3021-0112	Manual Crank 1 1/2"	\$	175.00	\$	183.75
3021-0112-1	Manual Crank 1 15/16"	\$	175.00	\$	183.75
	<b>SEWER HOSE OPTIONS</b>				
PH1. 4	1/4" Jet Hose per foot	\$	2.99	\$	3.14
PH3.8	3/8" Jet Hose per foot	\$	2.99	\$	3.14
PH1.2 4	1/2" Jet Hose per foot	\$	3.34	\$	3.51
PH3.4	3/4" Jet Hose per foot	\$	4.15	\$	4.36
PH.1	1" Jet Hose-per foot	\$	5.40	\$	5.67
PH1.1 4	1-1/4" Jet Sewer Hose	\$	3.25	\$	3.41
PH1.2 L	1/2" Leader Hose per foot	\$	13.00	\$	13.65
PH1.3 4	3/4" Leader Hose per foot	\$	13.00	\$	13.65
PH.1L	1" Leader Hose-per foot	\$	13.00	\$	13.65
PH1.14L	1-1/4" Leader Hose-per foot	\$	13.00	\$	13.65
PH3.4GH	Garden Hose 100 ft section	\$	80.00	\$	84.00
PH-H-CRIMP	Hydraulic Hose Crimper W/ Dyes	\$	1,600.00	\$	1,680.00
	<b>JET/EYE HOSE OPTIONS</b>				
PH-JET-1.2 L	1/2" x 1/2" Kevlar Jet Eye Leader Hose	\$	15.00	\$	15.75
PH-JET-1.2	1/2" Jet Hose x 1/2" Jet Eye Hose (Twin Line)	\$	15.00	\$	15.75
PH-JET-3.4 L	3/4" x 1/2" Kevlar Jet Eye Leader Hose	\$	15.00	\$	15.75
PH-JET-3.4	3/4" Jet Hose x 1/2" Jet Eye Hose (Twin Line)	\$	17.00	\$	17.85
PH-JET-1. L	1" x 1/2" Kevlar Jet Eye Leader Hose	\$	15.00	\$	15.75
PH-JET-1	1" x 1/2" Jet Eye Hose (Twin Line)	\$	18.00	\$	18.90
PH-JET-1.2 SC	1/2" Jet Hose x SC Cable (Twin Line)	\$	13.00	\$	13.65
PH-JET-3.4 SC	3/4" Jet Hose x SC Cable (Twin Line)	\$	14.00	\$	14.70
PH-JET-1 SC	1" Jet Hose x SC Cable (Twin Line)	\$	14.00	\$	14.70
PH-MENDER	Manual Mender	\$	550.00	\$	577.50
PH-HYD MENDER	Hose Mender Kit Hydraulic	\$	1,600.00	\$	1,680.00
	<b>GROSS HORSEPOWER UPGRADES</b>				
PHHP1	HP Upgrade #1	\$	3,500.00	\$	3,675.00
PHHP2	HP Upgrade #2	\$	5,500.00	\$	5,775.00
PHHP3	HP Upgrade #3	\$	8,500.00	\$	8,925.00
PHHP4	HP Upgrade #4	\$	10,500.00	\$	11,025.00
PHHP5	HP Upgrade #5	\$	15,000.00	\$	15,750.00
PHHP6	HP Upgrade #6	\$	20,000.00	\$	21,000.00
	<b>DRIVE UPGRADES</b>				
PHFLUSH	Flush Truck Upgrade With Nozzles	\$	15,500.00	\$	16,275.00
PHPTODIR	PTO DRIVE DIRECT	\$	2,000.00	\$	2,100.00
PHHYDRO	Hydrostatic Pump Drive Hot Shift PTO	\$	10,000.00	\$	10,500.00

PHHYDRO F-MOUNT	Hydrostatic Pump Drive-Front Mount PTO	\$	11,000.00	\$	11,550.00
PHTRANSFER CASE	Transfer Case	\$	8,700.00	\$	9,135.00
PH DIR A	Direct Drive A.	\$	2,800.00	\$	2,940.00
PH DIR B	Direct Drive B.	\$	4,800.00	\$	5,040.00
	<b>ENGINES &amp; ENGINE ACCESSORIES</b>				
H24	24 HP Honda Gas	\$	2,172.00	\$	2,280.60
HA14	Hatz Diesel 1 cylinder 14 hp	\$	5,400.00	\$	5,670.00
HA21	Hatz Diesel 2 cylinder 21 hp	\$	6,900.00	\$	7,245.00
HA21SP	Hatz Diesel 2 cylinder 21 hp (silent Pack)	\$	8,900.00	\$	9,345.00
TIER 4 #1	Tier 4 33-79 HP	\$	15,500.00	\$	16,275.00
TIER 4 #2	Tier 4 80-91 HP	\$	22,000.00	\$	23,100.00
TIER 4 #3	Tier 4 91-115 HP	\$	24,000.00	\$	25,200.00
TIER 4 #4	Tier 4 115-127 HP	\$	26,000.00	\$	27,300.00
TIER 4 #5	Tier 4 127-200 HP	\$	28,000.00	\$	29,400.00
TIER 4 #6	Tier 4 Above 200 HP	\$	33,000.00	\$	34,650.00
PHGAS#1	40 HP Kohler Gas	\$	4,500.00	\$	4,725.00
PHGAS#1	PH Gasoline 30-79 HP	\$	4,500.00	\$	4,725.00
PHGAS#2	PH Gasoline 80-91 HP	\$	6,500.00	\$	6,825.00
PHGAS#3	PH Gasoline 91-115 HP	\$	8,500.00	\$	8,925.00
PHGAS#4	PH Gasoline 115- Above HP	\$	12,500.00	\$	13,125.00
DISCC	Clutch	\$	1,800.00	\$	1,890.00
HDISC	Hydraulic Clutch	\$	3,500.00	\$	3,675.00
HYDPG	Hydraulic Pressure Gauge	\$	198.00	\$	207.90
MUSHU	Murphy Shutdown System	\$	386.00	\$	405.30
GPKGTC	Gauge Package & Tachometer	\$	282.00	\$	296.10
DPKGTC	Digital Gauge Package & Tachometer With Low oil High Temp Shutdown P	\$	500.00	\$	525.00
HRM	Hour Meter	\$	105.00	\$	110.25
ELECTH	Electric Throttle	\$	862.00	\$	905.10
VERNTH	Veneer Throttle	\$	362.00	\$	380.10
FGPK	Fuel Gauge	\$	198.00	\$	207.90
FT20	20 Gallon Fuel Tank	\$	250.00	\$	262.50
RUBISO	Rubber Isolation Engine Pump	\$	1,200.00	\$	1,260.00
	<b>ENCLOSURES</b>				
PH-ENGSTEEL	Engine Shroud/ Belt Guard/ Fenders - <i>Steel</i>	\$	450.00	\$	472.50
PH-ENGALUM	Engine Shroud/ Belt Guard/ Fenders - <i>Aluminum</i>	\$	450.00	\$	472.50
PH-FUENGALUM	Full Engine Enclosure w Access Doors - <i>Aluminum</i>	\$	750.00	\$	787.50
PH-SILENT ENG	Silent Pak (Residential Muffler)	\$	790.00	\$	829.50
PH-DOG PUMP	Pump Doghouse Enclosure	\$	750.00	\$	787.50
PH-CP-ENCLOSE	Control Panel Enclosure	\$	650.00	\$	682.50
PH-DOG HEAT	Pump Doghouse Enclosure with Heater	\$	3,500.00	\$	3,675.00
PH-WATER ENCL	Water Tank Enclosure	\$	7,500.00	\$	7,875.00
PH-GEN BTU	General Enclosure with Heater	\$	3,500.00	\$	3,675.00
PH-REEL-ENC1	Hose Reel Enclosure Roll Up Doors Single Reel	\$	5,500.00	\$	5,775.00
PH-REEL-ENC2	Hose Reel Enclosure Roll Up Doors Dual Reel	\$	7,500.00	\$	7,875.00
	<b>ELECTRICAL OPTIONS</b>				
9000-0010	12 volt power outlet	\$	80.00	\$	84.00
JE-30004-6302	3000 Watt Inverter	\$	1,200.00	\$	1,260.00
9000-0087	Arrowstick-In Cab Controls	\$	1,500.00	\$	1,575.00
9000-0087UP	Arrowstick-In Cab Controls Upgrade Package	\$	2,500.00	\$	2,625.00
9000-0022	Strobe Light -In Cab Controls	\$	295.00	\$	309.75
9000-0065	Beacon Light -In Cab Controls	\$	325.00	\$	341.25
9000-0065LED	Beacon Light LED-In Cab Controls	\$	395.00	\$	414.75
9000-0087 WHEL	Whelen Strobe and Arrowboard Upgrade	\$	3,500.00	\$	3,675.00
9000-0087 SHO	SHO LED Light Upgrade Strobe Arrowstick	\$	2,800.00	\$	2,940.00
9000-0112	LED Light Upgrade Tail lights Markers	\$	250.00	\$	262.50
9LED CORNER	LED Light Corner Strobe	\$	312.00	\$	327.60
LED-UP	LED Safety Light Upgrade	\$	1,500.00	\$	1,575.00
9000-B-UP	Back Up Camera	\$	1,800.00	\$	1,890.00
9000-0024	Work Light LED	\$	200.00	\$	210.00
9000-0011	Hand Held Spot Light	\$	192.00	\$	201.60
9000-0066	Hand Held Spot With Reel	\$	260.00	\$	273.00
9000-0030 P	Low Water Warning Light	\$	205.00	\$	215.25



9000-0030 Alarm	Low Water Warning Alarm	\$	250.00	\$	262.50
9000-0023	Panel Light	\$	80.00	\$	84.00
9000-SAFETY	Safety Shutdown Lanyard	\$	85.00	\$	89.25
9000- REM 25	Remote Pendant 25ft Cord	\$	3,000.00	\$	3,150.00
9000- REM WIR	Wireless Remote	\$	4,800.00	\$	5,040.00
9000- REM WIR	Water ON/OFF Remote	\$	2,500.00	\$	2,625.00
	<b>TOOL BOX OPTIONS</b>				
3004-5047	TOOL BOX 18 X 18 X 36 TM Locking	\$	864.00	\$	907.20
3004-5047-1	TOOL BOX 24 X 24 X 30 TM Locking	\$	780.00	\$	819.00
3004-5048	TOOL BOX 18 X 18 X 24 TM Locking	\$	600.00	\$	630.00
7066-152652DB-A	TOOLBOX - DRAWBAR 15X 26 X 15. TR Locking	\$	560.00	\$	588.00
7600-0103	TOOL TRAY 10Hx9Dx75W TM	\$	840.00	\$	882.00
7600-0279	TOOL BOX 19 X 33 X 20 TM Locking	\$	720.00	\$	756.00
7600-0453	TOOL BOX 12 X 14 X 72 TM Locking	\$	980.00	\$	1,029.00
7600-0475	TOOL BOX DVR STORAGE 16x22x28 Locking TR-TM	\$	660.00	\$	693.00
7600-0615	TOOLBOX 12 X 12 X 48 Locking TR-TM	\$	720.00	\$	756.00
7600-121236STB	Saddle TOOLBOX - 12x12x36 Locking TR-TM	\$	600.00	\$	630.00
7600-121248STB	Saddle TOOLBOX - 12x12x48 Locking TR-TM	\$	720.00	\$	756.00
7600-121436TT	TOOLTRAY- 12 X 14 X 14 X 36 TR-TM	\$	520.00	\$	546.00
7600-121460TT	TOOLTRAY 14" Or 12" X 14" X 60" TM	\$	880.00	\$	924.00
7600-121472TT	TOOLTRAY 14" Or 12" X 14" X 72" TM	\$	920.00	\$	966.00
7600-12936LB	TOOLBOX 12" X 9" X 36" LOCKING TR-TM	\$	570.00	\$	598.50
7600-141436LB	TOOL BOX 36"x14x14 ABOVE FRAME Locking TR-TM	\$	640.00	\$	672.00
7600-141448LB	TOOL BOX 48"x14x14 ABOVE FRAME Locking TR-TM	\$	760.00	\$	798.00
7600-164272LB	TOOLBOX - 14"D X 42"H X 72"W Locking TM	\$	1,280.00	\$	1,344.00
7600-181860SDLB	TOOLBOX SWING DOWN 18" x18x60 LOCKING TM	\$	960.00	\$	1,008.00
7600-193340LB	TOOLBOX- 15 X 33 X 40 LOCKING TM	\$	1,060.00	\$	1,113.00
7600-242460LB	TOOLBOX- 24"X24"X60" LOCKING TM	\$	1,080.00	\$	1,134.00
7600-5023	TOOLBOX 14" X 14" X 48" Locking TM	\$	760.00	\$	798.00
7600-841414LB	TOOLBOX 84" X 14" X 14 Locking TM	\$	1,120.00	\$	1,176.00
7600-841818SDLB	TOOLBOX 84" X 18" X 18 Swing Down Locking TM	\$	1,200.00	\$	1,260.00
7600-9101250TT	TOOL TRAY - FENDER 9" X 10" X 12"X 50" TR	\$	640.00	\$	672.00
MU281818.U	BOX, TOOL Swing Down 28x18x18 STEEL Locking TM	\$	640.00	\$	672.00
MU481818.U	BOX, TOOL Swing Down 48x18x18 STEEL Locking TM	\$	840.00	\$	882.00
MU961613.U	BOX, TOOL Swing Down 96x16x13 STEEL Locking TM	\$	1,250.00	\$	1,312.50
MU961818.U	BOX, TOOL Swing Down 96x18x18 STEEL Locking TM	\$	1,320.00	\$	1,386.00
PH SPECIAL BOX	BOX, TOOL SPECIAL DESIGN	\$	1,500.00	\$	1,575.00
BOX-RUBBER	Rubber Bottom Of Box Per Box	\$	150.00	\$	157.50
	<b>ACCESSORIES</b>				
PH HOLE HOOK	Hydrant Wrench	\$	25.00	\$	26.25
PH HOLE HOOK	Manhole Hook	\$	35.00	\$	36.75
UPMAN	Upper Man Hole Roller Aluminum	\$	250.00	\$	262.50
LOMAN	Lower Manhole Shoe With Drop poles	\$	675.00	\$	708.75
HEADRACKTM	Headache Rack	\$	1,500.00	\$	1,575.00
PVC8STOR	Tool Storage (PVC 8") Storage Rack	\$	350.00	\$	367.50
CONES36	Traffic Cones each	\$	18.00	\$	18.90
SLADDER	Side Ladder	\$	358.00	\$	375.90
TLADDER	Tank Ladder Over Complete Tank	\$	1,500.00	\$	1,575.00
TM STOR ELL	Electric ell Carrier with Winch	\$	6,200.00	\$	6,510.00
3007-7000	Tiger Tail 3"	\$	85.00	\$	89.25
3007-7001	Tiger Tail 2"	\$	75.00	\$	78.75
3021-0088	Traffic Cone Rack	\$	125.00	\$	131.25
H2OSTORE	Water Cooler Storage Rack	\$	135.00	\$	141.75
H2O5GA	Water Cooler 5 Gallon	\$	55.00	\$	57.75
Fiber6ftqty4	Fiberglass Pole Storage Rack with (4) 6ft Poles	\$	575.00	\$	603.75
DEBRIS AL 6	Debris Catcher 6"	\$	275.00	\$	288.75
DEBRIS AL8-10	Debris Catcher 8"-10"	\$	325.00	\$	341.25
CRANE FERA	Flush Truck Crane	\$	25,000.00	\$	26,250.00
PHSBLOWER	Smoke Blower Package	\$	2,000.00	\$	2,100.00
	<b>TRAILER OPTIONS</b>				
AXLE-35	3,500# Axle Dual	\$	2,000.00	\$	2,100.00
AXLE-55	5,500# Axle Dual	\$	2,200.00	\$	2,310.00
AXLE-60	6,000# Axle Dual	\$	2,500.00	\$	2,625.00



AXLE-80	7,000# Axle Dual	\$	2,800.00	\$	2,940.00
AXLE-80	8,000# Axle Dual	\$	3,200.00	\$	3,360.00
AXLE-100	10,000# Axle Dual	\$	4,200.00	\$	4,410.00
PH-SPARE-TR	Spare Tire Rim Mounted	\$	875.00	\$	918.75
PH-Tra-Rim Tire	Spare Tire Rim Loose	\$	675.00	\$	708.75
PH-2.5.16 HT	2-5/16" Ball Hitch	\$	150.00	\$	157.50
PH-PINT- HT	Pintle Hitch	\$	181.00	\$	190.05
PH-HYD LIFT	3000 LB Hydraulic lift	\$	2,000.00	\$	2,100.00
PH-Elect LIFT	2500 LB electric lift	\$	850.00	\$	892.50
PH-5KJSTAND	5,000# Screwjack Stand	\$	200.00	\$	210.00
BULL DOG 12K	12,000# Bull Dog Drop leg Jack Stand	\$	500.00	\$	525.00
PH-TR H BRAKE	Hydraulic Brakes	\$	2,500.00	\$	2,625.00
PH-TR EL BRAKE	Electric Brakes	\$	750.00	\$	787.50
PH-HUBS-CR	Chrome Hubcap Each	\$	50.00	\$	52.50
PH-RIMS-CR	Chrome Rims Each	\$	125.00	\$	131.25
PH-TOW 14-28	Heavy Duty Draw Bar 14" to 28"	\$	1,200.00	\$	1,260.00
PH-TR H BRAKE	Goose Neck Trailer Add On	\$	15,000.00	\$	15,750.00
	<b>LINER OPTIONS</b>				
PH LINER#1	PH SPEED LINER Trucks	\$	500.00	\$	525.00
PH LINER#2	PH SPEED LINER Liner Trailers	\$	500.00	\$	525.00
PH LINER#3	PH SPEED LINER Inside Debris Tank	\$	900.00	\$	945.00
PH LINER#3	PH SPEED LINER BASIC	\$	500.00	\$	525.00
	<b>CHASSIS ADDITIONS</b>				
PH-TRUCK MOUNT	Truck Mount Upgrade All Trailers	\$	12,500.00	\$	13,125.00
PH-FRAME	Truck Frame Extension Light Duty Version	\$	2,950.00	\$	3,097.50
PH-FRAME	Truck Frame Extension Heavy Duty Version	\$	4,180.00	\$	4,389.00
PH-MOUNTING	Mounting Sewer Cleaner to Chassis	\$	1,500.00	\$	1,575.00
PH-ECM-Program	ECM Reprogram	\$	3,600.00	\$	3,780.00
	<b>VACUUM OPTIONS</b>				
VH-TM	UPGRADE TO TRUCK MOUNTED	\$	5,500.00	\$	5,775.00
3021-RET25	25' Retractable Hand Gun Reel With 25 ft Hose	\$	1,495.00	\$	1,569.75
3021-RET50	50' Retractable Hand Gun Reel With 50ft Hose	\$	1,685.00	\$	1,769.25
VH-EX-GUN	Hydro excavation Gun with 0 deg tip	\$	550.00	\$	577.50
VH-EX-TIPS	4 SET TIPS	\$	150.00	\$	157.50
VH-SPIN	Spinner Nozzle	\$	195.00	\$	204.75
VH-4ft BAR	Ext. Barrel 4'	\$	42.00	\$	44.10
9000-0034	Washdown System	\$	495.00	\$	519.75
VH-FLUSH	Debris Tank Flush	\$	900.00	\$	945.00
PURG-V	Purge Valve Gravity Drain 1 1/4 Ball Valve	\$	345.00	\$	362.25
VH-INTER	Debris Tank Water tank Interconnect	\$	2,500.00	\$	2,625.00
VH-P.OFF350	Pump Off System 350 GPM	\$	8,900.00	\$	9,345.00
VH-SGAG	Sight Port Debris Tank	\$	250.00	\$	262.50
	<b>WATER TANK OPTIONS VACHUNTER</b>				
VH-alum100T	Dual 50 (100) Gallon Water Tanks - <i>Aluminum</i>	\$	1,500.00	\$	1,575.00
VH-alum200T	Dual 100 (200) Gallon Water Tanks - <i>Aluminum</i>	\$	2,500.00	\$	2,625.00
VH-alum300T	Dual 150 (300) Gallon Water Tanks - <i>Aluminum</i>	\$	2,800.00	\$	2,940.00
VH-alum400T	Dual 200 (400) Gallon Water Tanks - <i>Aluminum</i>	\$	3,800.00	\$	3,990.00
VH-alum500T	Dual 250 (500) Gallon Water Tanks - <i>Aluminum</i>	\$	4,800.00	\$	5,040.00
VH-alum600T	Dual 300 (600) Gallon Water Tanks - <i>Aluminum</i>	\$	5,800.00	\$	6,090.00
VH-alum800T	Dual 400 (800) Gallon Water Tanks - <i>Aluminum</i>	\$	7,500.00	\$	7,875.00
VH-alum900T	Triple 300 (900) Gallon Water Tanks - <i>Aluminum</i>	\$	8,000.00	\$	8,400.00
1000S	1000 Gallon Water Tank Special Vac	\$	10,000.00	\$	10,500.00
SSS	Stainless Saddle Tanks	\$	3,900.00	\$	4,095.00
	<b>VACUUM OPTIONS AND DEBRIS TANKS</b>				
VT-TN50	50 Gallon Debris Tank	\$	500.00	\$	525.00
VT-TN1/2	1/2 Yard Vacuum Tank With Vacuum System All Accessories	\$	18,150.00	\$	19,057.50
VT-TN1/2 (2)	2nd Vacuum Tank additional 1 yard	\$	3,500.00	\$	3,675.00
VT-TN 1 YD	1 Yard Vacuum Tank w Accy.	\$	19,500.00	\$	20,475.00
VT-TN 1 YD (2)	2nd Vacuum Tank additional 1/2 yard	\$	4,500.00	\$	4,725.00
VT-TN 1800	2400 Gallon Debris Tank Vacuum	\$	13,500.00	\$	14,175.00
VT-TN 1800	1800 Gallon Debris Tank Vacuum	\$	12,800.00	\$	13,440.00
VT-TN 1500	1400 Gallon Debris Tank Vacuum	\$	12,000.00	\$	12,600.00

VT-TN 1200	1200 Gallon Debris Tank Vacuum	\$	11,500.00	\$	12,075.00
VT-TN 1000	1000 Gallon Debris Tank Vacuum	\$	10,500.00	\$	11,025.00
VT-TN 800	800 Gallon Debris Tank Vacuum	\$	9,500.00	\$	9,975.00
VT-TN 500	500 Gallon Debris Tank	\$	5,500.00	\$	5,775.00
VT-TN 300	300 Gallon Capacity (1.25 Yards)	\$	5,000.00	\$	5,250.00
VT-TN 250	250 Gallon Capacity (1.25 Yards)	\$	4,800.00	\$	5,040.00
SSDT	Stainless Steel Debris Tank	\$	17,000.00	\$	17,850.00
	<b>VACUUM BOOM OPTIONS AND CONTROLS</b>				
7ext	Boom w 8' of Reach from Center line	\$	6,500.00	\$	6,825.00
7I1ext	Extendable Boom w8' to 11' of Reach from Center line	\$	7,500.00	\$	7,875.00
I114ext	Extendable Boom w 11' to 14' of Reach from Center line	\$	8,500.00	\$	8,925.00
I114ext	Telescoping Boom	\$	10,500.00	\$	11,025.00
w-gear	Powered Rotation for Boom	\$	3,500.00	\$	3,675.00
b-pend	Boom Pendant Control- Boom Up/Down, Telescope, Boom Swing- 20 foot Reach	\$	800.00	\$	840.00
r-pen	Remote Pendant System, with Emergency Kill, Boom Operation-Electric Throttle	\$	2,500.00	\$	2,625.00
wr-pen	Wireless Remote- Electric Throttle, Emergency Kill, Boom Controls	\$	4,800.00	\$	5,040.00
	<b>VACUUM TUBES AND HOSE OPTIONS</b>				
VH-EMUL-TUBE	Emulsion Vac Tube	\$	450.00	\$	472.50
VH-10ft-3in	10ft x 3" Flex Hose	\$	590.00	\$	619.50
VH-10ft-4in	10ft x 4" Flex Hose	\$	630.00	\$	661.50
VH-10ft-6in	10ft x 6" Flex Hose	\$	680.00	\$	714.00
VH-tub-36CR3	36" x 3 Inch Vacuum Tube Crown	\$	125.00	\$	131.25
VH-tub-36-3	36" x 3 inch Vacuum Tube	\$	135.00	\$	141.75
VH-tub-48-3	48" x 3 Inch Vacuum Tube	\$	210.00	\$	220.50
VH-tub-60-3	60" x 3 inch Vacuum Tube	\$	268.00	\$	281.40
VH-RACK-3	3 inch Vacuum Tube Rack 4 pipe	\$	268.00	\$	281.40
VH-tub-36CR4	36" x 4 Inch Vacuum Tube Crown	\$	165.00	\$	173.25
VH-tub-36-4	36" x 4 inch Vacuum Tube	\$	215.00	\$	225.75
VH-tub-48-4	48" x 4 Inch Vacuum Tube	\$	230.00	\$	241.50
VH-tub-60-4	60" x 4" inch Vacuum Tube	\$	270.00	\$	283.50
VH-RACK-4	4 inch Vacuum Tube Rack 4 pipe	\$	268.00	\$	281.40
VH-tub-36CR6	36" x 6 Inch Vacuum Tube Crown	\$	165.00	\$	173.25
VH-tub-36-6	36" x 6 inch Vacuum Tube	\$	215.00	\$	225.75
VH-tub-48-6	48" x 6 Inch Vacuum Tube	\$	230.00	\$	241.50
VH-tub-60-6	60" x 6 inch Vacuum Tube	\$	270.00	\$	283.50
VH-RACK-6	6 inch Vacuum Tube Rack 4 pipe	\$	268.00	\$	281.40
VH-tub-36CR8	36" x 8 Inch Vacuum Tube Crown	\$	185.00	\$	194.25
VH-tub-36-8	36" x 8 inch Vacuum Tube	\$	225.00	\$	236.25
VH-tub-48-8	48" x 8 Inch Vacuum Tube	\$	240.00	\$	252.00
VH-tub-60-8	60" x 8 inch Vacuum Tube	\$	280.00	\$	294.00
VH-RACK-8	8 inch Vacuum Tube Rack 4 pipe	\$	280.00	\$	294.00
VH-Gate-3in	3" Gate Valve Drain Assy	\$	500.00	\$	525.00
VH-LF-3	3" x 10ft lay Flat Hose	\$	130.00	\$	136.50
VH-Gate-4in	4" Gate Valve Drain Assy	\$	800.00	\$	840.00
VH-LF-4	4" x 10ft lay Flat Hose	\$	145.00	\$	152.25
VH-Gate-6in	6" Gate Valve Drain Assy	\$	1,500.00	\$	1,575.00
VH-LF-6	6"x10ft Lay Flat Hose	\$	165.00	\$	173.25
	<b>BLOWER OPTIONS</b>				
PH-PD-350	350 CFM Blower	\$	1,400.00	\$	1,470.00
PH-PD-500	500 CFM Blower	\$	1,800.00	\$	1,890.00
PH-PD-700	700 CFM Blower	\$	2,500.00	\$	2,625.00
PH-PD-800	800 CFM Blower	\$	2,500.00	\$	2,625.00
PH-PD-1100	1,100 CFM Blower	\$	3,500.00	\$	3,675.00
PH-PD-1400	1,400 CFM Blower	\$	5,500.00	\$	5,775.00
PH-PD-2100	2,100 CFM Blower	\$	7,500.00	\$	7,875.00
PH-PD-2400	2,400 CFM Blower	\$	9,500.00	\$	9,975.00
PH-PD-2800	2,800 CFM Blower	\$	12,500.00	\$	13,125.00
PH-PD-3000	3000 CFM Blower	\$	12,800.00	\$	13,440.00
PH-PD-3200	3,200 CFM Blower	\$	16,000.00	\$	16,800.00
PH-PD-4500	4,500 CFM Blower	\$	18,500.00	\$	19,425.00
PH-PD-CYCLON	Cyclone separator	\$	3,900.00	\$	4,095.00

PH-PD-V BREAKER	Vacuum Breaker	\$ 1,500.00	\$ 1,575.00
	<b>SIDEKICK OPTIONS</b>		
SK-EXTEND TRAC	Hydraulic Extendable Tracks	\$ 4,500.00	\$ 4,725.00
SK-TRACK	Side Trac Rubber Trac Upgrade	\$ 4,000.00	\$ 4,200.00
SK-ART REEL	Articulating Side Kick Hose Reel	\$ 4,200.00	\$ 4,410.00
SK-D WHEEL2 Rear	Dual Wheels additional 2 Rear Wheels	\$ 500.00	\$ 525.00
SK-D 8 WHEEL Front	Dual Wheels additional 8 Front Wheels	\$ 2,200.00	\$ 2,310.00
SK-Flat Free	Flat Free Tires All	\$ 1,200.00	\$ 1,260.00
SK- NO SCUFF	Scuff Free Tires Each	\$ 200.00	\$ 210.00
SK-RIDE STEP	Operator Riding Plate	\$ 195.00	\$ 204.75
SK-HYD DUMP	Loader Bucket Hydraulic Dump	\$ 2,300.00	\$ 2,415.00
SK-DUMP	Loader Bucket Manual Dump	\$ 1,500.00	\$ 1,575.00
SK-Dump Hose Valve	SIDEKICK Dump Valve / Pipeing	\$ 345.00	\$ 362.25
SK- HYD TOOL KIT	Hydraulic Tool Package 10 GPM With quick connects	\$ 3,700.00	\$ 3,885.00
SK-TRAILER REG	Trailer - Custom Built Sidekick	\$ 2,500.00	\$ 2,625.00
SK-TRAILER SB	Trailer - Custom Built Special Build	\$ 3,500.00	\$ 3,675.00
PH-TR H BRAKE	Hydraulic Brakes	\$ 2,500.00	\$ 1,575.00
PH-TR EL BRAKE	Electric Brakes	\$ 750.00	\$ 787.50
PH-Out Riggers	Outriggers QTY 4	\$ 772.24	\$ 810.85
SK-Out-Ext	Outrigger Extensions QTY 2	\$ 250.00	\$ 262.50
SK-Remote	Remote Pendant Stering/Forward/Reverse	\$ 2,500.00	\$ 2,625.00
SK-W Remote	Wireless Remote Pendant Stering/Forward/Reverse	\$ 4,800.00	\$ 5,040.00
	<b>CAMERA OPTIONS - JET EYE</b>		
JETEYE	JET EYE SYSTEM	\$ 38,500.00	\$ 40,425.00
3007-0039	JET EYE CAMERA HEAD	\$ 6,800.00	\$ 7,140.00
3007-0146A	6" to 8" Skid	\$ 1,495.00	\$ 1,569.75
3007-0148A	8" to 12" Skid	\$ 1,695.00	\$ 1,779.75
3007-15-30 ext	15"-30" Skate Extension 2" Wheels	\$ 579.00	\$ 607.95
3007-24-50 ext	24"-50" Skate Extension 6" Wheels	\$ 900.00	\$ 945.00
3004-6024	7" Dash LCD Monitor	\$ 1,000.00	\$ 1,050.00
3007-	15" Overhead Cab Monitor	\$ 1,500.00	\$ 1,575.00
8401-0006	Aux LED 72 Bulb, 8"-24" Lighthouse Assembly	\$ 1,577.00	\$ 1,655.85
0039-STORAGE	Camera Storage Rack	\$ 469.00	\$ 492.45
DFOOTLEVEL	Digital Footage Counter with Video Overlay	\$ 3,500.00	\$ 3,675.00
3007-8gig	8 Gig Flash Drive Stick Only	\$ 48.00	\$ 50.40
3007-VIEWUP	Upgrade 8 Gig Flash Drive	\$ 6,500.00	\$ 6,825.00
3007-VIEWUDD	8 Gig Flash Drive with new system	\$ 2,500.00	\$ 2,625.00
VR-3000	DVR Recorder	\$ 1,500.00	\$ 1,575.00
3007-DVD	DVD Recorder	\$ 850.00	\$ 892.50
3004-0170	Extra Set 8 x 70mm Wheels for 8" Skate	\$ 142.00	\$ 149.10
Lateral JE	Lateral Camera Reel FOR jet Eye	\$ 8,500.00	\$ 8,925.00
LATERALPUSH	Lateral Push Camera System	\$ 14,980.00	\$ 15,729.00
3004-0161	On Screen Text Writer	\$ 1,500.00	\$ 1,575.00
3007-REMOTE	Operators Station Infrared Remote	\$ 450.00	\$ 472.50
JE-PAN SYS	Pan & Tilt System	\$ 45,480.00	\$ 47,754.00
3007-PON36	Pontoons 36" and up	\$ 900.00	\$ 945.00
JERK	8" Jet Eye Root Cutter Attachment (J.E.R.C.)	\$ 4,200.00	\$ 4,410.00
JE REMOTE	Downgrade to Jet Eye Remote 6" 8" Camera-Skids-recorder Deduct	\$ 24,000.00	\$ 24,000.00
	<b>DELIVERY &amp; TRAINING</b>		
PH-DEL	Delivery Std Training Equip Per Mile One Way	\$ 2.50	\$ 2.63
PH-Special	Specialty Training PipeHunter Operators	\$ 500.00	\$ 525.00
PH-Truck Load	Trucking Fee Per Mile One Way	\$ 1.75	\$ 1.84
	<b>MANUALS</b>		
PH-ENG-OPER	Engine Operations Manual	\$ 75.00	\$ 78.75
PH-OPER	PipeHunter Operators Manual	\$ 30.00	\$ 31.50
PH-ENG-PARTS	Engine Parts Manuals	\$ 150.00	\$ 157.50
PH-ENG-SERVICE	Engine Service Manual	\$ 150.00	\$ 157.50
	<b>SEWER CLEANING/TV/ VACUUM ADVANCED EDUCATION COURSES</b>		
EDUC	STRUCTURE I	\$ 250.00	\$ 262.50
EDUC	STRUCTURE II	\$ 500.00	\$ 525.00
EDUC	STRUCTURE III	\$ 1,000.00	\$ 1,050.00
EDUC	STRUCTURE IIII	\$ 2,000.00	\$ 2,100.00
	<b>EXTENDED WARRANTY OPTIONS</b>		

Warranty	Trailer-Truck Module-Sidekick-VacHunter Mtd Unit 2 Year	\$	1,800.00	\$	1,890.00
Warranty	Trailer-Truck Module-Sidekick-VacHunter Mtd Unit 3 Year	\$	2,700.00	\$	2,835.00
Warranty	Trailer-Truck Module-Sidekick-VacHunter Mtd Unit 4 Year	\$	3,600.00	\$	3,780.00
Warranty	Trailer-Truck Module-Sidekick-VacHunter Mtd Unit 5 Year	\$	4,500.00	\$	4,725.00
Warranty	Jet Eye TV System 2 Year	\$	4,000.00	\$	4,200.00
Warranty	Jet Eye TV System 3 Year	\$	5,500.00	\$	5,775.00
Warranty	Jet Eye TV System 4 Year	\$	7,000.00	\$	7,350.00
Warranty	Jet Eye TV System 5 Year	\$	8,500.00	\$	8,925.00
Warranty	Water Tank 12 Year	\$	2,500.00	\$	2,625.00
	<b>SEWER CLEANING NOZZLES</b>				
	<b>NOZZLE OPTIONS</b>				
21-2	1/2" Button (30°)	\$	72.00	\$	75.60
21-8	1/2" Ellipse Penetrator (15°)	\$	81.00	\$	85.05
21-13	1/2" Ice-Grease Penetrator (15°)	\$	87.00	\$	91.35
RRS-8	1/2" Short Rotator (Rear Jets)	\$	322.00	\$	338.10
FRS-8	1/2" Short Rotator (Forward Jets)	\$	322.00	\$	338.10
RRCS-8	1/2" Short Rotator (Rear Combo)	\$	322.00	\$	338.10
FRCS-8	1/2" Short Rotator (Forward Combo)	\$	322.00	\$	338.10
21-5/3	1/2" Super Grenade (3 Rear Jets)	\$	175.00	\$	183.75
21-5/5	1/2" Super Grenade (5 Rear Jets)	\$	175.00	\$	183.75
29-2	1/2" Grease (30°)	\$	186.00	\$	195.30
21-6/3	1/2" Ultimate Penetrator (3 Rear Jets)	\$	208.00	\$	218.40
21-6/5	1/2" Ultimate Penetrator (5 Rear Jets)	\$	208.00	\$	218.40
107HF-D	1/2" High Flow Cobia (6 Rear Jets)	\$	239.00	\$	250.95
32-18E	3/4" Radial Vortex (18°)	\$	81.00	\$	85.05
32-F	1" Radial Vortex (18°/24°)	\$	120.00	\$	126.00
30-E	3/4" Radial Short (30°)	\$	79.00	\$	82.95
30-F	1" Radial Short (30°)	\$	116.00	\$	121.80
31-E	3/4" Radial Short (45°)	\$	79.00	\$	82.95
31-F	1" Radial Short (45°)	\$	116.00	\$	121.80
33-EE	3/4" Universal Penetrator (15° Rear Jets)	\$	79.00	\$	82.95
33-F	1" Universal Penetrator (20° Rear Jets)	\$	120.00	\$	126.00
33-12E	3/4" Universal Penetrator 15° Front Jets w/Lance	\$	79.00	\$	82.95
33-F	1" Universal Penetrator w/Lance Tip	\$	120.00	\$	126.00
33-13E	3/4" Universal Penetrator/Ice Grease	\$	79.00	\$	82.95
33-13F	1" Universal Penetrator/Grease	\$	128.00	\$	134.40
33-14E	3/4" Universal Penetrator w/Pulling Eye	\$	96.00	\$	100.80
33-14F	1" Universal Penetrator w/Pulling Eye	\$	137.00	\$	143.85
33-15E	3/4" Universal Penetrator w/Lance Tip	\$	137.00	\$	143.85
33-15F	1" Universal Penetrator w/Lance Tip	\$	137.00	\$	143.85
64-E	3/4" Super High Flow Grenade Penetrator	\$	175.00	\$	183.75
64-F	1" Super Grenade Penetrator	\$	250.00	\$	262.50
64-G	1 1/4" Super Grenade Penetrator	\$	250.00	\$	262.50
83-E	3/4" Ultimate Penetrator	\$	260.00	\$	273.00
83-F	1" Ultimate Penetrator	\$	599.00	\$	628.95
83-G	1 1/4" Ultimate Penetrator	\$	602.00	\$	632.10
83-H	1 1/2" Ultimate Penetrator	\$	1,200.00	\$	1,260.00
39-30F	1" Grease (18° or 30° specify)	\$	203.00	\$	213.15
107HF-F	1" High Flow Cobia (10 Rear Jets)	\$	340.00	\$	357.00
35-E	3/4" Sand & Sludge (17°/24°)	\$	205.00	\$	215.25
35-F	1" Sand & Sludge (17°/24°)	\$	220.00	\$	231.00
140-F	Contractor Special (10°/17°/24°)	\$	240.00	\$	252.00
107-E	3/4" Cobia®	\$	499.00	\$	523.95
107-F	1" Cobia®	\$	627.00	\$	658.35
107-G	1 1/4" Cobia®	\$	627.00	\$	658.35
WH-1/2	Warthog 1/2	\$	1,250.00	\$	1,312.50
WH-3/4	Warthog 3/4	\$	1,290.00	\$	1,354.50
WH-1	Large Warthog 1"	\$	1,495.00	\$	1,569.75
PH-RRCS-8	1/2" Short Rotator (Rear Combi)	\$	330.00	\$	346.50
PH-RRC-12	3/4" Rotator (Rear Combi)	\$	490.00	\$	514.50
PH161	1" Rotator w/FS (Rear Combi)	\$	755.00	\$	792.75
CER PH-RRCS-8	1/2" Short Rotator	\$	500.00	\$	525.00

# FRONTIER EQUIPMENT REVISED PRICING

CER PH-RRC-12	3/4" Rotator	\$	800.00	\$	840.00
CER PH161	1" Rotator w/FS	\$	1,000.00	\$	1,050.00
102-F,G	Pollywog	\$	702.00	\$	737.10
PH-Tadpole 3/4	Tadpole	\$	750.00	\$	787.50
PH-Tadpole 1"	Tadpole	\$	760.00	\$	798.00
104-F,G	Dolphin	\$	1,400.00	\$	1,470.00
125-F,G	Boat Nozzle	\$	2,500.00	\$	2,625.00
PH CULVERT 1	1" Small Aluminum Culvert Nozzle	\$	421.00	\$	442.05
PH CULVERT3.4	3/4" Small Aluminum Culvert Nozzle	\$	421.00	\$	442.05
PH CULVERT1	1" Medium Aluminum Culvert Nozzle	\$	705.00	\$	740.25
PH CULVERT3.4	3/4" Medium Aluminum Culvert Nozzle	\$	705.00	\$	740.25
300-D	1/2" x 8" Tube Style Extension	\$	52.00	\$	54.60
300-E	3/4" x 12" Tube Style Extension	\$	76.00	\$	79.80
300-F	1" x 12" Tube Style Extension	\$	110.00	\$	115.50
300-G	1 1/4" x 12" Tube Style Extension	\$	114.00	\$	119.70
40-D	1/2" Heavy Duty Finned Skid	\$	64.00	\$	67.20
40-E	3/4" Heavy Duty Finned Skid	\$	73.50	\$	77.18
40-F	1" Heavy Duty Finned Skid	\$	82.95	\$	87.10
PH 906-3/4	1/2" Contractor Root Cutter HYD KIT	\$	1,850.00	\$	1,942.50
PH 906-3/4	3/4" Contractor Root Cutter HYD KIT	\$	1,900.00	\$	1,995.00
PH 906-1	1" Contractor Root Cutter HYD KIT	\$	1,900.00	\$	1,995.00
PH ROOT SAW1/2	1/2" Chain Cutter Kit	\$	2,200.00	\$	2,310.00
PH ROOT SAW 3/4	3/4" Chain Cutter Kit	\$	2,500.00	\$	2,625.00
PH ROOT SAW 1	1" Chain Cutter Kit (8"-12" Pipe)	\$	5,500.00	\$	5,775.00
PH-CER GRENAD	Special Grenade 1"	\$	800.00	\$	840.00
PH-CER GRENAD	Special Grenade 3/4"	\$	600.00	\$	630.00
PH-CER GRENAD	Special Grenade 1/2"	\$	500.00	\$	525.00
PH-Milling Cutter	1" Milling Cutter	\$	6,000.00	\$	6,300.00
PH DAWG 1.2	Red Dawg 1/2"	\$	235.00	\$	246.75



*This addendum is added to and is to be considered part of the subject contract.*

Statewide Contract #: SW0193

PeopleSoft Contract ID: See below.

Contract Title: Sewer Cleaning and Inspection Equipment

Contract Issuance Date: October 1, 2017

Contract Supplier: See below

Addendum # 2

Addendum Date: September 28, 2018

**OMES Point of Contact:**

Contracting Officer: Linda Lechtenberg

Phone Number: 405-522-0436

E-mail address: Linda.Lechtenberg@omes.ok.gov

**Addendum Information:**

**This addendum is for the renewal of the contract's first option period. Contract period: October 1, 2018 through September 30, 2019.**

**The following Contractors have agreed to renew their contract:**

Aries Industries  
Contract ID # 4990  
Central Oklahoma Winnelson  
Contract ID # 4991  
DitchWitch of Oklahoma  
Contract ID # 5009  
Frontier Equipment Sales  
Contract ID # 4992  
J & R Equipment  
Contract ID # 4993  
Key Equipment  
Contract ID # 5400  
Vermeer Great Plains  
Contract ID # 5008

**Please note the following price increase:**

Key Equipment – Contract ID # 5400  
PipeHunter – See the separate attachment  
Frontier Equipment Sales  
See the separate attachment



# VAC-CON<sup>3</sup>YD Combination

969 Hal Park Rd, Green Cove Springs, FL 32043

Tel: 904-284-4200 Fax: 904-284-3305

2 Stage Centrifugal Compressor (135" water, 8000 cfm)  
Hydrostatic blower drive  
3/16" 3.5 yd3 Corten Steel Debris Tank - 5 year warranty  
Full opening rear door with mechanical rear door locks  
5" Butterfly valve with 10' layflat hose  
Debris tank Dumping: minimum 50 deg., hydraulic lift  
500 gallons capacity Polyethylene water tank - 5 year warranty  
6" vacuum intake hose  
Boom travel tie down  
6' Telescopic Boom  
400' capacity (3/4") Front mounted / swiveling hose reel  
30 gpm/3000 psi water pump system  
400' high pressure jet rodder hose (3/4")  
Hose rewind guide  
Hose guide (Tiger Tail)  
30" leader hose  
600 psi wash down hand gun with 25' of hose and nozzle  
Sealed and locking tool box  
1) each sanitary and penetrator nozzles  
20.5' aluminum intake pipe(1-3', 1-5', 1-6', and 1-6.5' nozzle)  
1) 16" x 13" x 72" Tool box  
ICC lighting  
DuPont Elite Polyurethane Paint  
12 month standard warranty - see certificate for details  
5# Fire Extinguisher  
Set of Triangles

Description	Additional Info	Cost
<b>Auxiliary</b>		
-- Select Auxiliary System--		\$0.00
<b>Water System Options</b>		
Hydroexcavation package includes: 50' retractable handgun hose reel with 50' of 1/2" high pressure hose, HP Quick disconnect, heavy duty HP unloader valve, main control ball		\$6,437.00



valve, 72x1/2 Sch. 80 Lance w/ Quick Dcn., Sngl. Fwd. Spray Nozzle, Horiz. Hand.		
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### Models

230H/500	Single Engine	\$171,521.00
PD2130H/500	Single Engine - Includes 616 PD Blower	\$177,649.00
Mounting Charge		\$2,667.00

### Auxiliary

John Deere Tier 4 Technology. Model: 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
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### Booms

Telescopic, 6" Intake System - Standard		\$0.00
Telescopic, 8" Intake System - Optional (ilo 6")		\$1,579.00

### Hose Reels

Replace Front Mounted Hose Reel with Hydro Excavation Package	For Hydro-Excavation unit	\$0.00
Front Mounted Swivel Hose Reel - standard with 3-Yard		\$0.00

### Hose Reel Options

Hose Footage Counter (Standard - Driver Side)		\$580.00
Hose Footage Counter (Curb Side)		\$580.00
Digital electronic footage counter	Standard on Omnibus Precision Power(TM)	\$3,869.00
Metric Hose Counter (Driver Side)		\$580.00
Dual Roller Level Wind Guide, plastic (in lieu of single)		\$183.00
Aluminum Single Roller Level Wind Guide, (in lieu of plastic)		\$452.00
Aluminum Dual Roller Level Wind Guide, (in lieu of plastic)		\$680.00
HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00

### Water Systems

0-30 gpm/3000 psi water system, 3/4" hose	Standard	\$0.00
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### Water System Options

Debris Body "Power Flush" System, 8 jets		\$1,944.00
Flush Out connection for rear door valve	Pick one for each drain port needed	\$522.00
Centrifugal Compressor Fan Flush Out System		\$1,205.00
Winter Recirculating System for Rodder Hose		\$1,035.00
Winter Recirculating connection for low pressure circuit.	Requires winter recirculating system for rodger hose.	\$261.00
Winter Recirculating connection for high pressure circuit.	Requires winter recirculation system for rodger hose.	\$447.00
Artic Winter Recirculating System for rodger hose, includes		\$1,300.00



plumbing to upper water tanks.		
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00
Pre-Tank Water Filter (In-line)		\$350.00
Pre-Tank Water Filter (Y-type)		\$935.00
2½" Water Drain Gate Valve Assembly (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$295.00
1/4 turn ball valve water drain ( cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$457.00
Automatic Continuous Fill System		\$2,192.00
Variable Flow Valve (Valve Only ) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Pulsation Feature for Water Pump		\$3,598.00
Lateral Cleaning Kit w/150' x ½" Hose w/Nozzle, Dolly style mounts		\$3,188.00
Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled		\$5,887.00
Lateral Cleaning Kit w/400' Hose w/Nozzle, Permanently Mtd, Hydraulically Controlled		\$7,364.00
Water Pump Remote Oil Drain		\$271.00
Chemical Tank (15) Gallons	120volt Pump with Invertor (Consult Factory for Compatibility) 711-8088	\$3,153.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
Gate Valve at Water Pump Inlet		\$662.00
<b>Water System Accessories</b>		
Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of ½" hose, Low Pressure		\$643.00
10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00

30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Water Ring (Ring Only)		\$469.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00
711-53686 Hydro. X Lance Assy. - Must Choose Hydro X Package - 72" with quick disconnects, 1/2 schedule 80, horizontal handle	Standard with Hydro. X Package - Extensions are Available	\$0.00
711-30906 A 48" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$172.00
711-TBA 72" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$183.00
711-30903 High-pressure handwand 51"x1/2" S.S., pistol grip handle with adjustable handle (No extensions available) - Single foward jet	No extensions available	\$1,068.00
711-30903T Turbo Jet with Single Foward Jet		\$1,077.00
711-30903A Multiple Forward Jets with Chisel Nozzle		\$1,088.00

#### Jet Rodder Hose

400' x 3/4" Jet Rodder Hose - Standard	3000 psi/7500 psi	\$0.00
500' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$447.00
600' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$893.00

#### Spare Rolls of Jet Rodder Hose

400' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$1,792.00
500' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,252.00
600' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,678.00

#### Debris Body Options

Hydraulic Rear Door Opener, removes door grabber	Removes door grabber; Stand. on Highdump; Not Available w/ Flatdoor	\$3,782.00
6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)	Standard drain hose included	\$735.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
6" Air operated knife valve/Front Drivers Side Mounted w/Cam-lock and 25' of layflat hose with Cam-lock		\$2,759.00

Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
Rear Splash Shield - Rear Flange Mounted	Domed or Flat Door	\$1,901.00
Rear splash guard (2 - 10 O'clock) - tank mounted		\$2,645.00
Rear Splash Shield Diamond Plate Aluminum		\$3,697.00
Water Tank Side Panels, Diamond Plate Aluminum		\$1,706.00
Wear Plate, Swing Style		\$1,035.00
Rubber pad on standard deflector	On flat door, will be on swing style wear plate	\$510.00
Hydraulic Rear Door Locks		\$4,558.00
Automatic Vacuum Breaker		\$3,914.00
Hydraulic Pump Off System, 200 gpm w/lay flat hose		\$7,515.00
Water & Debris Tanks Tied Together		\$2,359.00
Wear Plate to cover entire rear door, with hinge		\$1,004.00
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Stainless Steel Ball on Debris Body Level Indicator	Replaces plastic	\$243.00
Screen assembly over drain port in debris tank	MUST PICK PLACEMENT OF SCREEN BELOW	\$447.00
Debris tank drain screen placement - Standard drain valve	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Rear door pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank drain	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
<b>Electrical Options</b>		
Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body (includes Hi-Dump, if applicable). Does not include remote cable pendant controls for boom or hi dump.	Replaces Standard Pendant	\$4,650.00
4 Way Pendant Control Station		\$512.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00

Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
<b>Lighting Options</b>		
Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Held Spot Light - LED		\$600.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Flood Light - Water Pump Work Area with Limb Guard - Whelen NP6BB Worklight		\$416.00
LED Flood Light - Level Wind Guide with Limb Guard -		\$416.00



Whelen NP6BB Worklight		
Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
<b>Misc Machine Options</b>		
Heavy Reinforced Elbow "Wear Back"		\$1,110.00
Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
Hydraulic Power Tool Option, front bumper control valve mount location		\$3,387.00
Offset Manhole Roller 711-0050		\$382.00
Grate Lifting Hook 711-9700		\$446.00
Rear Mounted Tow Hooks		\$354.00
Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable		\$2,391.00
Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
Grease Assembly Articulating Hose Reel		\$1,104.00
Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
Water Cooler Rack		\$307.00
Centrifugal Compressor Quiet Silencer, Class 4, 304 Stainless Steel Construction, 14in x 40in with 8in discharge		\$4,806.00
Spanish Decals		\$0.00
French Decals		\$0.00
Vanair PTO Shaft Driven Underdeck Mount Air Compressor with Air Knife, Retractable Reel w/70' x 3/4" hose, 185 CFM at 100-150 psi rating. (Delete driver side front water tank).		\$29,453.00
12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00

Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
<b>Misc Accessories</b>		
Hose Guide, spare 665-0004		\$181.00
Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00
<b>Vacuum Tubing</b>		
3' x 8" Aluminum Pipe Extension		\$243.00
4' x 8" Aluminum Pipe Extension		\$268.00
5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
7' x 8" Aluminum Pipe Extension		\$354.00
8' x 8" Aluminum Pipe Extension		\$354.00
10' x 8" Aluminum Pipe Extension		\$388.00
6½' x 8" Catch Basin Nozzle with Serrated End		\$369.00
7½' x 8" Catch Basin Nozzle with Serrated End		\$406.00
Non-conducting Catch Basin Nozzle		\$1,059.00
Leaf Nozzle, 25" x 8" No Holes		\$264.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
3' x 8" Clear Demo Tube 711-1255		\$578.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00
8" Quick Clamp, spare, 680-0015		\$41.00
8" Gasket with Holes 690-0025		\$12.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00

8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
5' x 6" Aluminum Pipe	6" Intake System	\$287.00
3' x 6" Aluminum Pipe	6" Intake System	\$242.00
6' x 6" Aluminum Pipe	6" Intake System	\$322.00
6" Quick Clamp	6" Intake System	\$54.00
6" Adjustable Air Gap	6" Intake System (1) 6" quick clamp included	\$448.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00
<b>Pipe Storage Racks - 4 standard per unit</b>		
Additional Pipe Rack(s), specify any requested locations in comments section, otherwise engineering will place in best available locations.	Specify any requested location in comments section	\$188.00
Folding Pipe Rack (3), Mtd Rear Door		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Driver Side		\$2,909.00
<b>Tool / Storage Boxes</b>		
35" x 14" x 24" Aluminum Side Mounted Tool Box, ea (ilo steel)	Consult factory for additional room	\$500.00
Tool box, 16" x 13" x 72", extra		\$899.00
2) Tool boxes, 16" x 13" x 72", steel		\$1,794.00
16x42x48 Steel Storage Box (Drivers Side Behind Cab)	Consult factory for adaptability on tandem axle units	\$1,163.00
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
(2) Front Bumper Tool Boxes 8"x14"x6" Aluminum	711-50463 Curbside/711-50484 Driver's side	\$883.00
<b>3/4" Spare Nozzles</b>		
3/4" Nozzle rack		\$120.00
3/4" 30 gpm - Standard Nozzle, spare		\$387.00
3/4" 50 gpm - Standard Nozzle, spare		\$387.00
3/4" 30 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" 50 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" Nozzle Pipe Assembly (skid), spare		\$102.00
3/4" 30 gpm Grenade Nozzle		\$832.00
3/4" 50 gpm Grenade Nozzle		\$832.00
Aluminum Storm Nozzle 3/4" 30 gpm		\$461.00
Aluminum Storm Nozzle 3/4" 50 gpm		\$461.00

3/4" Storm Nozzle Pipe Assembly (skid)	\$102.00
3/4" 30 gpm Rotating Spinning Nozzle	\$980.00
3/4" 50 gpm Rotating Spinning Nozzle	\$980.00
3/4" 30 gpm Little Bruce 5" Culvert Nozzle	\$1,442.00
3/4" 50 gpm Little Bruce 5" Culvert Nozzle	\$1,442.00
3/4" Brass Flusher Nozzle	\$72.00

#### **5/8" Spare Nozzles**

1/2" 25 gpm - Standard Nozzle, spare	\$387.00
1/2" 25 gpm - Penetrator Chisel - Standard, spare	\$444.00
1/2" Nozzle Pipe Assembly (skid), spare	\$102.00
1/2" 25 gpm - Grenade Nozzle	\$832.00
Aluminum Storm Nozzle 5/8" 25 gpm	\$461.00
1/2" Storm Nozzle Pipe Assembly (skid)	\$102.00
1/2" 25 gpm Rotating Spinning Nozzle	\$980.00
5/8" 25 gpm Little Bruce 5" Culvert Nozzle	\$1,442.00
1/2" Brass Flusher Nozzle	\$84.00

#### **1" Spare Nozzles**

Standard nozzle	\$387.00
Penetrator nozzle	\$444.00
Grenade nozzle	\$832.00
Little Bruce culvert nozzle	\$2,105.00

#### **Spare Nozzles**

Standard nozzle	\$387.00
Rotating Spinning Nozzle	\$980.00
Big Otto culvert nozzle	\$2,105.00

#### **Leader Hose**

3/4" x 10' Length Leader Hose	\$270.00
1/2" x 10' Length Leader Hose	\$270.00
3/4" x 15' Length Leader Hose	\$406.00
1/2" x 15' Length Leader Hose	\$406.00
3/4" x 20' Length Leader Hose	\$433.00
1/2" x 20' Length Leader Hose	\$433.00
3/4" x 25' Length Leader Hose	\$518.00
1/2" x 25' Length Leader Hose	\$518.00
3/4" x 30' Length Leader Hose, Spare	\$128.00
1/2" x 30' Length Leader Hose, spare	\$128.00

#### **Swedge Tools**

Hydraulic Swage Kit	\$2,919.00
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Manual Swage Kit		\$1,913.00
3/4" Swage End		\$75.00
1/2" Swage End		\$75.00

#### Root Cutter

Rotating Turbine Chain Scraper 5"-10" with skids & chain 10.125TR6-10		\$4,199.00
Rotating Turbine Chain Scraper with skids and Chain 10.125TR8-12 set		\$4,398.00
1" to 3/4" Bushing for Chain Scraper		\$19.00
1" Bulldog with skid 400.600BS		\$3,479.00
3/4" Bulldog 400.060A		\$3,171.00

#### Manuals

Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

#### Paint - Module Options

Ceramic Coating in Debris Tank, Single Axle		\$4,650.00
Paint Module: Single-Stage Polyeurethene Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyeurethene Elite Green (PPG code: 918367)		\$0.00

Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)	\$0.00
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Undercoat - Vac-Con Module & Chassis		\$2,092.00
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Metallic paint Option		\$8,500.00
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Painted steel upper water tank panels in lieu of standard aluminum diamond plate		\$570.00
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**Paint - Module Stripe Options**

Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
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Standard Striping Package - White 692-5204-01		\$0.00
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Standard Striping Package - Blue 692-5204-02		\$0.00
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**Paint - Chassis Options**

Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
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Paint Chassis Hood Flat Black		\$770.00
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**Paint - Chassis Stripe Options**

Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
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Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
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Cab Painted with Flames		\$3,117.00
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**Pool Trucks (Chassis)**

Freightliner 108SD 4x2 37000GVWR ISL270 3000RDS		\$80,500.00
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Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS		\$88,200.00
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Freightliner 75DGE 114SD 4x2 43000GVWR ISL320 3000RDS		\$139,929.00
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Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
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**Pool Truck Modifications**

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
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Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
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IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty- Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
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IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty- Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
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Roll Bogies, Single Axle		\$2,712.00
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Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty- Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00

FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00
<b>Extended Warranties</b>		
Gas Engine Extended Warranty - 5YRS/5000HRS		\$5,000.00



# VAC-CON Catch Basin Cleaners

969 Hal Park Rd, Green Cove Springs, FL 32043

Tel: 904-284-4200 Fax: 904-284-3305

Vacuum System (as specified by Model Number)

3/16" Corten Steel Debris Tank - (size as specified by model number)

Full opening rear door

Hydraulic rear door locks, with door grabber with safety latch

5" Butterfly valve with 10' layflat hose

Debris tank Dumping: minimum 50 deg., hydraulic scissors lift - power up/power down

410 Gallons Polyethylene water tank

Automatic Vacuum Breaker and overfill protection

8" vacuum intake hose

Boom travel tie down

4 Way hydraulic boom with 270 deg. Rotation and joystick controls

10 gpm/500 psi wash down system with hand gun and 25' of hose and nozzle

Water pump drive: Standard Aux Engine is WSG-1068 6.8 Litre, 10-Cylinder, Gas Engine 222HP @ 3200 rpm

2) 6' Sealed and locking tool boxes

20.5' aluminum intake pipe (1-3', 1-5', 1-6', and 1-6.5' nozzle)

ICC lighting

DuPont Elite Polyurethane Paint

12 month standard warranty - see certificate for details

5# Fire Extinguisher

Set of Triangles

## Description

## Additional Info

## Cost

### Auxiliary

-- Select Auxiliary System--		\$0.00
John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 225HP@2400RPM	Please consult factory for availability	\$47,360.75

### Blower Drives

AQD Fan Drive Upgrade	3-stage Aeroboost® Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration	\$24,000.00
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### Debris Body Options

Dump High Option	This option allows the operator higher debris body dumping	\$2,500.00
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### Misc Machine Options



Transfer case blower drive ILO FEPTO	Addition of a Transfer Case when FEPTO is Unavailable	\$14,400.00
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#### Pool Truck Modifications

Add Front Frame Extensions to Chassis	Chassis Models Peterbilt 365/567, Kenworth T-800/T-880 Large Bore Engine Applications Without FFE	\$10,000.00
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#### Models

250C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 2 Stage Vac-Con Blower, 5 CY Debris Tank, 4X2	\$132,425.00
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350C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 3 Stage Vac-Con Blower, 5 CY Debris Tank, 4X2	\$142,761.00
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290C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 2 Stage Vac-Con, 9 CY Debris Tank, 4X2	\$132,301.00
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390C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 3 Stage Vac-Con Blower, 9 CY Debris Tank, 4X2	\$142,761.00
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211C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 2 Stage Vac-Con Blower, 11 CY Debris Tank, 6X4	\$145,610.00
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311C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 6X4	\$155,748.00
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212C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 2 Stage Vac-Con Blower, 12 CY Debris Tank, 6X4	\$149,494.00
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312C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 6X4	\$160,843.00
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216C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 2 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 6X4. Consult Factory on Rear Axle Requirements	\$159,832.00
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316C	Catch Basin Cleaner - Auxiliary Engine Drive - Includes: 3 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 6X4. Consult Factory on Rear Axle Requirements	\$169,973.00
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250CH	Catch Basin Cleaner - Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 5	\$130,518.00
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	CY Debris Tank, 4X2	
350CH	Catch Basin Cleaner - Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 4X2	\$140,980.00
290CH	Catch Basin Cleaner - Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 4X2	\$130,518.00
390CH	Catch Basin Cleaner - Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 4X2	\$140,980.00
211CH	Catch Basin Cleaner - Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 6X4	\$147,755.00
311CH	Catch Basin Cleaner - Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 6X4	\$158,199.00
212CH	Catch Basin Cleaner - Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 6X4	\$151,758.00
312CH	Catch Basin Cleaner - Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 6X4	\$162,231.00
216CH	Catch Basin Cleaner - Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank, with Flat Style Rear Door, 6X4. Consult Factory on Rear Axle Requirements	\$162,407.00
316CH	Catch Basin Cleaner - Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank with Flat Style Rear Door, 6X4. Consult Factory on Rear Axle Requirements	\$172,848.00

#### Auxiliary

John Deere Tier 4 Technology. Model: 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP at 3200RPM/360 ftlbs at 3200RPM - CONSULT FACTORY FOR AVAILABILITY	Emission Information: California Air Resources Board (CARB), Environmental Protection Agency (EPA)	\$0.00
John Deere Export Diesel - 4045HF285, 115HP@2400RPM - EXPORT ONLY		\$0.00
John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 185HP@2400RPM		\$46,875.00

## Booms

Fixed Boom - Standard		\$0.00
6' Aluminum Telescoping Boom with Pendant Control Station		\$9,131.00
10' Aluminum Telescoping Boom with Pendant Control Station		\$13,704.00
6' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$15,749.00
10' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$20,320.00

## Blower Drives

Hydrostatic Drive	If included in base price	\$0.00
Standard Drive - 2 Stage (10 cylinder Aux Gas Engine)	Standard 2-Stage	\$0.00
Standard Drive - 3 Stage (10 cylinder Aux Gas Engine)	Standard 3-Stage	\$0.00
High Volume Hydrostatic Drive Upgrade	Option Price	\$11,719.00
High Volume Hydrostatic Drive Upgrade when Hydrostatic is included in base machine price	Optional Price if Hydrostatic Drive is included in Base Price	\$1,949.00

## Hose Reel Options

HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00
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## Water Systems

10 gpm/500 psi		\$0.00
20 gpm/500 psi		\$8,809.00
10 gpm/3000 psi - Hydrostatic Drive		\$14,988.00

## Water System Options

Debris Body "Power Flush" System, 8 jets		\$1,944.00
Flush Out connection for rear door valve	Pick one for each drain port needed	\$522.00
Centrifugal Compressor Fan Flush Out System		\$1,205.00
Water & Debris Tanks Tied Together		\$2,290.00
Winter Recirculating System for Rodder Hose		\$1,035.00
Winter Recirculating connection for low pressure circuit.	Requires winter recirculating system for rodder hose.	\$261.00
Winter Recirculating connection for high pressure circuit.	Requires winter recirculation system for rodder hose.	\$447.00
Artic Winter Recirculating System for rodder hose, includes plumbing to upper water tanks.		\$1,300.00
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00
Pre-Tank Water Filter (In-line)		\$350.00



Pre-Tank Water Filter (Y-type)		\$935.00
2½" Water Drain Gate Valve Assembly (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$295.00
1/4 turn ball valve water drain ( cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$457.00
<b>Automatic Continuous Fill System</b>		\$2,192.00
Variable Flow Valve (Valve Only ) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Water Ring Assembly (inlet mounted)		\$2,222.00
Continuous fill valve		\$49.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
Gate Valve at Water Pump Inlet		\$662.00
<b>Water System Accessories</b>		
Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of ½" hose, Low Pressure		\$643.00
10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00
30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Water Ring (Ring Only)		\$469.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
<b>Debris Body Options</b>		
Hydraulic Rear Door Opener, removes door grabber	Removes door grabber; Stand. on Highdump; Not Available w/ Flatdoor	\$3,782.00
6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)	Standard drain hose included	\$735.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
6" Air operated knife valve/Front Drivers Side Mounted w/Cam-lock and 25' of layflat hose with Cam-lock		\$2,759.00
Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00

Rear, Hydraulic Pump Off System, 200 GPM w/20' lay flat Hose	Optional pump placement below	\$7,077.00
Rear, Hydraulic Pump Off System, 350 GPM w/20' lay flat Hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 400 gpm with 20' lay flat hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 450 gpm with 20' lay flat hose	Optional pump placement below	\$12,735.00
Rear, Hydraulic Pump Off System, 575 GPM w/20' lay flat Hose	Optional pump placement below	\$12,735.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
High Dump Option, Single Axle (9 Yard)	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$21,134.00
High Dump Option, Tandem Axle	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$25,358.00
A Flat Style Rear Door ilo Dome Style Door Including Hydraulic Opener will be Provided	A Wear Plate, Swing Style is Included	\$5,429.00
Rear Splash Shield - Rear Flange Mounted	Domed or Flat Door	\$1,901.00
Rear splash guard (2 - 10 O'clock) - tank mounted		\$2,645.00
Rear Splash Shield Diamond Plate Aluminum		\$3,697.00
Water Tank Side Panels, Diamond Plate Aluminum		\$1,706.00
Vacuum Enhancer, Fan or PD, Air Operated		\$4,874.00
Wear Plate, Swing Style		\$1,035.00
Rubber pad on standard deflector	On flat door, will be on swing style wear plate	\$510.00
Electric Vibrator		\$4,234.00
Wear Plate to cover entire rear door, with hinge		\$1,004.00
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Move Pump Off to Front, Driver's Side of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Move Pump Off to Front, Curbside of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Stainless Steel Ball on Debris Body Level Indicator	Replaces plastic	\$243.00
Screen assembly over drain port in debris tank	MUST PICK PLACEMENT OF SCREEN BELOW	\$447.00
Debris tank drain screen placement - Standard drain valve	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Rear door pump	Must be used with "Debris tank drain	\$0.00

off	screen assembly"	
Debris tank drain screen placement - Front debris tank drain	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank pump off	Must be used with "Debris tank drain screen assembly"	\$0.00

### Electrical Options

Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Front Axle Load Limit Alarm		\$926.00
Auxiliary Engine Kill Switch (Vandalism Protection)		\$134.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body (includes Hi-Dump, if applicable). Does not include remote cable pendant controls for boom or hi dump.	Replaces Standard Pendant	\$4,650.00
4 Way Pendant Control Station		\$512.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Hi Dump pendant control station with 25' cable		\$415.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
<b>Lighting Options</b>		
Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank		\$928.00

Mounted - Whelen L21HAP LED Beacon with Whelen  
BGH Branch Guard

LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber	\$1,913.00
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LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow	\$3,731.00
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LED Arrow stick - Whelen TAM85 Traffic Advisor	\$2,818.00
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Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted	\$6,542.00
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Hand Held Spot Light - LED	\$600.00
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Hand Held Spot Light - LED with 50' Retractable Cord	\$1,057.00
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Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
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LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight	\$736.00
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LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight	\$736.00
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Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
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LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)	\$736.00
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### Misc Machine Options

Heavy Reinforced Elbow "Wear Back"	\$1,110.00
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Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
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Auxiliary engine control panel (lockable door)	For use with Deutz & JD Auxiliary Engines	\$329.00
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Grate Lifting Hook 711-9700	\$446.00
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Rear Mounted Tow Hooks	\$354.00
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Auxiliary Engine Remote Oil Drain	\$277.00
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Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable	\$2,391.00
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Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
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Remote Hi-Dump Grease Assembly (Single Axle)	\$1,890.00
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Remote Hi-Dump Grease Assembly (Tandem Axle)	\$2,260.00
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Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)	\$5,300.00
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Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
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Hydraulic System Temperature Gauge	\$325.00
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Vacuum gauge front bumper location behind reel	\$563.00
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Plastic engraved decals - adhesive type (ilo standard)	\$1,715.00
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Water Cooler Rack		\$307.00
Centrifugal Compressor Quiet Silencer, Class 4, 304 Stainless Steel Construction, 14in x 40in with 8in discharge		\$4,806.00
Spanish Decals		\$0.00
French Decals		\$0.00
12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
<b>Misc Accessories</b>		
Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00
<b>Vacuum Tubing</b>		
3' x 8" Aluminum Pipe Extension		\$243.00
4' x 8" Aluminum Pipe Extension		\$268.00

5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
7' x 8" Aluminum Pipe Extension		\$354.00
8' x 8" Aluminum Pipe Extension		\$354.00
10' x 8" Aluminum Pipe Extension		\$388.00
6½' x 8" Catch Basin Nozzle with Serrated End		\$369.00
7½' x 8" Catch Basin Nozzle with Serrated End		\$406.00
Non-conducting Catch Basin Nozzle		\$1,059.00
Leaf Nozzle, 25" x 8" No Holes		\$264.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
Snorkel Nozzle Kit (Includes 1- 3' pipe) 711-0031		\$496.00
5' x 5" Snorkel Pipe Nozzle Extension 800-0127		\$160.00
3' x 8" Clear Demo Tube 711-1255		\$578.00
Circular Operator Handle 711-0172		\$268.00
8" to Double 4" Y Adapter 800-0476		\$382.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00
8" Quick Clamp, spare, 680-0015		\$41.00
8" Gasket with Holes 690-0025		\$12.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00
8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
5' x 6" Aluminum Pipe	6" Intake System	\$287.00
3' x 6" Aluminum Pipe	6" Intake System	\$242.00
6' x 6" Aluminum Pipe	6" Intake System	\$322.00
6" Quick Clamp	6" Intake System	\$54.00
6" Adjustable Air Gap	6" Intake System (1) 6" quick clamp included	\$448.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00
<b>Pipe Storage Racks - 4 standard per unit</b>		
Additional Pipe Rack(s), specify any requested locations in comments section, otherwise engineering will place in best available locations.	Specify any requested location in comments section	\$188.00
Vertical Pipe Rack (Holds 3 Pipes)		\$561.00
Lazy Susan Pipe Rack (Holds 5 Pipes)	Consult Factory for Compatibility	\$2,571.00
Folding Pipe Rack (3), Mtd Rear Door		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Driver Side		\$2,909.00

Folding Pipe Rack (3), Tank Mtd, Curbside	Not Available on 3-Yard Machine	\$2,909.00
Additional Side Steps (8 are Standard)		\$109.00

#### Tool / Storage Boxes

Storage Box Behind Cab 16" x 42" x 96"	Std on units with 1300 & 1500 gallons of water and 5 yard units with 1000 gallons	\$2,390.00
Aluminum Storage Box Behind Cab 16" x 42" x 96"		\$5,130.00
(2) Roll out shelves for storage box behind cab		\$1,598.00
16" x 13" x 72" Aluminum Side Mounted Tool Box, ea (ilo steel)		\$1,562.00
2 ) 24" x 18" x 18" Steel Rear Tool Boxes, mtd each side of extended frame units, 1000 or 1300 gallons only		\$976.00
2 ) 24" x 18" x 18" Aluminum Rear Tool Boxes, mtd each side of extended frame units, 1000 or 1300 gallons only		\$1,657.00
12" x 18" x 96" Steel Tool Box, mounts under storage box behind cab		\$1,107.00
12" x 18" x 96" Aluminum Tool Box, mounts under storage box behind cab		\$1,852.00
Dry Decking - side tool boxes (6' & 35") - each		\$219.00
Dry Decking - behind cab storage box (96")		\$535.00
16x42x48 Steel Storage Box (Drivers Side Behind Cab)	Consult factory for adaptability on tandem axle units	\$1,163.00
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
24x18x18 Steel Tool Box (Extended Frame Units w/o rear tanks)		\$920.00
(2) 24x18x18 Aluminum Tool Box (Extended Frame Units w/o Rear Tanks)		\$1,776.00
(2) Front Bumper Tool Boxes 8"x14"x6" Aluminum	711-50463 Curbside/711-50484 Driver's side	\$883.00

#### Manuals

Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

#### Paint - Module Options

Ceramic Coating in Debris Tank, Single Axle		\$4,650.00
Ceramic Coating in Debris Tank, Tandem Axle		\$6,203.00
Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00

Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)		\$0.00
Undercoat - Vac-Con Module & Chassis		\$2,092.00
Paint Tool Box/Storage Boxes to match Unit	Standard - Black Powder Coating	\$770.00
Metallic paint Option		\$8,500.00
Mainframe Deck Coating	In lieu of adhesive grip tape	\$2,759.00
Painted steel upper water tank panels in lieu of standard aluminum diamond plate		\$570.00
<b>Paint - Module Stripe Options</b>		
Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
Standard Striping Package - White 692-5204-01		\$0.00
Standard Striping Package - Blue 692-5204-02		\$0.00
<b>Paint - Chassis Options</b>		
Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
Paint Chassis Hood Flat Black		\$770.00
<b>Paint - Chassis Stripe Options</b>		
Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
Cab Painted with Flames		\$3,117.00



### Pool Trucks (Chassis)

Freightliner 108SD 4x2 37000GVWR ISL270 3000RDS		\$80,500.00
Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS		\$88,200.00
Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS		\$99,750.00
Freightliner 114SD 66000 6X4 10 SPD 450HP DD13		\$100,300.00
Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS		\$149,817.00
Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
Peterbilt 348 6x4 66000GVWR PX-9 345HP 3000RDS	Tandem Axle	\$103,000.00

### Pool Truck Modifications

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty-Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty-Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
Roll Bogies, Single Axle		\$2,712.00
Roll Bogies, Tandem Axle		\$3,540.00
Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00

Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty-Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes-3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty: Includes-4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle: 13,500lb /Air Ride, Air Lift w/ 295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00

**Extended Warranties**

John Deere auxiliary engine 3 Years/4000 hours (subject to \$250 deductible) extended warranty	\$2,520.00
John Deere auxiliary engine 4 Years/5000 hours (subject to \$250 deductible) extended warranty	\$3,206.00
John Deere auxiliary engine 5 Years/5000 hours (subject to \$250 deductible) extended warranty	\$4,241.00
Gas Engine Extended Warranty - 5YRS/5000HRS	\$5,000.00
John Deere Tier 4 5YR/5000HR, Full Coverage Warranty (March 1, 2017 - December 31, 2019)	\$3,978.00



## **VAC-CON** Dual Engine Combination

969 Hal Park Rd, Green Cove Springs, FL 32043

Tel: 904-284-4200 Fax: 904-284-3305

Vacuum System (as specified by Model Number)

Vacuum Drive: Split Shaft PTO

3/16" Corten Steel Debris Tank - (size as specified by model number)

Full opening rear door

Hydraulic rear door locks, with door grabber with safety latch

5" Butterfly valve with 10' layflat hose

Debris tank Dumping: minimum 50 deg., hydraulic scissors lift - power up/power down

Polyethylene water tank

Automatic Vacuum Breaker and overfill protection

8" vacuum intake hose

Boom travel tie down

4 Way hydraulic boom with 270 deg. Rotation and joystick controls

Front mounted 600' capacity (1" hose)/hydraulic hose reel

60 gpm/2000 psi water pump system

Water pump drive: Standard Aux Engine is WSG-1068 6.8 Litre, 10-Cylinder, Gas Engine 222HP @ 3200 rpm

400' high pressure jet rodder hose (1" or 3/4")

Manual hose rewind guide

Hose guide (Tiger Tail)

30" leader hose

20 gpm at 600 psi wash down hand gun with 25' of hose and nozzle

Sealed and locking tool box (es) {as indicated by model number}

1) each sanitary and penetrator nozzles

20.5' aluminum intake pipe(1-3', 1-5', 1-6', and 1-6.5' nozzle)

ICC lighting

DuPont Elite Polyurethane Paint

12 month standard warranty - see certificate for details

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Note: PD Units Include Price for required Hydrostatic Drive Option.

5# Fire Extinguisher

Set Triangles

Description	Additional Info	Cost
<b>Auxiliary</b>		
-- Select Auxiliary System--		\$0.00
John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 225HP@2400RPM	Please consult factory for availability	\$47,360.75
<b>Blower Drives</b>		
AQD Fan Drive Upgrade	3-stage Aeroboost® Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration	\$24,000.00
<b>Debris Body Options</b>		
Dump High Option	This option allows the operator higher debris body dumping	\$2,500.00
<b>Misc Machine Options</b>		
Transfer case blower drive ILO FEPTO	Addition of a Transfer Case when FEPTO is Unavailable	\$14,400.00
<b>Pool Truck Modifications</b>		
Add Front Frame Extensions to Chassis	Chassis Models Peterbilt 365/567, Kenworth T-800/T-880 Large Bore Engine Applications Without FFE	\$10,000.00
<b>Water System Options</b>		
Hydroexcavation package includes: 50' retractable handgun hose reel with 50' of 1/2" high pressure hose, HP/Quick disconnect, heavy duty HP unloader valve, main control ball valve, 72x1/2 Sch. 80 Lance w/ Quick Dcn., Sngl. Fwd. Spray Nozzle, Horiz. Hand.		\$6,437.00
<b>Models</b>		
250H/650	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 650 Gal H2O, 4X2 and Rolling Bogies	\$169,261.00
350H/650	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 650 Gal H2O, 4X2 and Rolling Bogies	\$180,574.00
250/850	Includes: 2 Stage Vac-Con Blower, 5 CY Debris Tank, 850 Gal H2O, 4X2 and Rolling Bogies	\$167,861.00
250/1000	Includes: 2 Stage Vac-Con Blower, 5 CY Debris Tank, 1000 Gal H2O, 4X2 and Rolling Bogies	\$169,234.00

350/850	Includes: 3 Stage Vac-Con Blower, 5 CY Debris Tank, 850 Gal H2O, 4X2 and Rolling Bogies	\$177,866.00
350/1000	Includes: 3 Stage Vac-Con Blower, 5 CY Debris Tank, 1000 Gal H2O, 4X2 and Rolling Bogies	\$179,692.00
290/850	Includes: 2 Stage Vac-Con Blower, 9 CY Debris Tank, 850 Gal H2O, 4X2	\$165,092.00
290/1000	Includes: 2 Stage Vac-Con Blower, 9 CY Debris Tank, 1000 Gal H2O, 4X2	\$166,465.00
390/850	Includes: 3 Stage Vac-Con Blower, 9 CY Debris Tank, 850 Gal H2O, 4X2	\$175,113.00
390/1000	Includes: 3 Stage Vac-Con Blower, 9 CY Debris Tank, 1000 Gal H2O, 4X2	\$176,927.00
211E/850	Includes: 2 Stage Vac-Con Blower, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$175,672.00
211E/1000	Includes: 2 Stage Vac-Con Blower, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$177,219.00
211E/1300	Includes: 2 Stage Vac-Con Blower, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$182,692.00
211E/1500	Includes: 2 Stage Vac-Con Blower, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6x4. Cannot be used with High Dump.	\$188,288.00
311E/850	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$186,172.00
311E/1000	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$187,719.00
311E/1300	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$193,095.00
311E/1500	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$198,690.00
212E/850	Includes: 2 Stage Vac-Con Blower, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$180,795.00
212E/1000	Includes: 2 Stage Vac-Con Blower, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$182,493.00
212E/1300	Includes: 2 Stage Vac-Con Blower, 12 CY	\$188,188.00



	Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	
312E/850	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$191,267.00
312E/1000	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$193,095.00
312E/1300	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$198,505.00
212E/1500	Includes: 2 Stage Vac-Con Blower, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$193,786.00
312E/1500	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$204,101.00
216E/1300	Includes: 2 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$201,357.00
316E/1300	Includes: 3 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$211,985.00
216E/1500	Includes: 2 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements	\$217,167.00
316E/1500	Includes: 3 Stage Vac-Con Blower, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$227,610.00
PD3550H/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive, Cyclone Separator, 5 CY debris Tank, 850 Gal H2O, 4X2 and Rolling Bogies	\$208,539.00
PD3590H/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive, Cyclone Separator, 9 CY Debris Tank, 850 Gal H2O, 4X2 and Rolling Bogies	\$205,789.00
PD3550H/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic	\$207,625.00

	Drive, Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, 4X2 and Rolling Bogies	
PD3590H/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, 4X2	\$207,625.00
PD3511HE/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$218,393.00
PD3511HE/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$216,568.00
PD3511HE/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$221,929.00
PD3511HE/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$227,521.00
PD3512HE/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 Cy Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$220,103.00
PD3512HE/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 Cy Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$221,929.00
PD3512HE/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$227,405.00
PD3512HE/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$232,999.00
PD3516HE/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive, Cyclone Separator, 16 CY Debris Tank with Flat style rear door, 1300 Gal H2O, 6X4.	\$240,567.00



	<b>Consult Factory on Rear Axle Requirements, Extended Frame</b>	
PD3516HE/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat style rear door, 1500 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump	\$245,985.00
PD3650H/850 (824 at 18")	<b>Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive 3600 cfm at 16" and Cyclone Separator, 5 CY Debris Tank, 850 Gal H2O, 4X2 and Rolling Bogies</b>	<b>\$209,546.00</b>
PD3650H/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive 3600 cfm at 16" and Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, 4X2 and Rolling Bogies	\$211,375.00
PD3690H/850 (824 at 18")	<b>Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 850 Gal H2O, 4X2</b>	<b>\$206,795.00</b>
PD3690H/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, 4X2	\$208,621.00
PD3611HE/850 (824 at 18")	<b>Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame</b>	<b>\$217,560.00</b>
PD3611HE/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$219,388.00
PD3611HE/1300 (824 at 18")	<b>Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame</b>	<b>\$223,048.00</b>
PD3611HE/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG),	\$228,516.00

Hydrostatic Drive and Cyclone Separator, 11  
CY Debris Tank, 1500 Gal H2O, Extended  
Frame, 6X4. Cannot be used with High Dump.

PD3612HE/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$222,105.00
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PD3612HE/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$223,931.00
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PD3612HE/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$228,289.00
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PD3612HE/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$234,007.00
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PD3616HE/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$241,560.00
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PD3616HE/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$246,993.00
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PD4250H/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 850 Gal H2O, 4x2 and Rolling Bogies	\$213,564.00
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PD4250H/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, 4X2 and Rolling	\$215,393.00
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# Bogies

PD4290H/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 Cy Debris Tank, 850 Gal H2O, 4X2	\$210,812.00
PD4290H/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, 4X2	\$212,638.00
PD4211HE/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$221,578.00
PD4211HE/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$223,403.00
PD4211HE/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$226,937.00
PD4211HE/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$232,533.00
PD4212HE/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$226,121.00
PD4212HE/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$228,254.00
PD4212HE/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$232,432.00

PD4212HE/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$237,995.00
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PD4216HE/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 Cy Debris Tank with Flat Style Rear Door, 1300 Gal H2O, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$245,575.00
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PD4216HE/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$250,994.00
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PD1212HE/1500 (721 at 27" or 16")	Includes: Roots 721 DVJ PD Blower Free Air up to 3658 CFM (1600 CFM at 27" HG or 3300 CFM at 16" HG), Hydrostatic Drive and Cyclone Separator	\$252,507.00
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PD1212HE/1300 (721 at 27" or 16")	Includes: Roots 721 DVJ PD Blower Free Air up to 3658 CFM (1600 CFM at 27" HG or 3300 CFM at 16" HG), Hydrostatic Drive and Cyclone Separator	\$246,947.00
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PD1212HE/1000 (721 at 27" or 16")	Includes: Roots 721 DVJ PD Blower Free Air up to 3658 CFM (1600 CFM at 27" HG or 3300 CFM at 16" HG), Hydrostatic Drive and Cyclone Separator	\$242,460.00
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#### Auxiliary

John Deere Tier 4 Technology. Model: 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
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Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP at 3200RPM/360 ftlbs at 3200RPM - CONSULT FACTORY FOR AVAILABILITY	Emission Information: California Air Resources Board (CARB), Environmental Protection Agency (EPA)	\$0.00
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John Deere Export Diesel - 4045HF285, 115HP@2400RPM - EXPORT ONLY		\$0.00
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John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 185HP@2400RPM		\$46,875.00
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#### Booms

Fixed Boom - Standard		\$0.00
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6' Aluminum Telescoping Boom with Pendant Control Station		\$9,131.00
10' Aluminum Telescoping Boom with Pendant Control Station		\$13,704.00
6' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$15,749.00
10' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$20,320.00

#### **Blower Drives**

Hydrostatic Drive	Option Price	\$9,774.00
Hydrostatic Drive	If included in base price	\$0.00
Split Shaft PTO	Standard	\$0.00
High Volume Hydrostatic Drive Upgrade	Option Price	\$11,719.00
High Volume Hydrostatic Drive Upgrade when Hydrostatic is included in base machine price	Optional Price if Hydrostatic Drive is included in Base Price	\$1,949.00

#### **Hose Reels**

Front Mounted, Fixed, Standard		\$0.00
Front Mounted, Fixed, 800' (1") Capacity		\$3,494.00
Front Mounted, Articulating to Driver Side (Std Pivot)		\$13,544.00
Front Mounted, Articulating to Driver Side, 800' (1") Capacity (Std. Pivot)		\$17,035.00
Front Mounted, Articulating to Passenger Side (Reverse Pivot)		\$13,586.00
Front Mounted, Articulating to Passenger Side, 800' (1") Capacity (Reverse Pivot)		\$17,079.00
Rear Mounted, Articulating Hose Reel	Pivot to Driver's Side	\$13,557.00
Rear Mounted, Articulating Hose Reel, 800' Capacity	Pivot to Driver's Side	\$17,035.00
Front Mounted Swivel Hose Reel, 600' (1") Capacity		\$11,735.00
Rear Mounted Swivel Hose Reel, 600' (1") Capacity		\$9,452.00

#### **Hose Reel Options**

Hose Reel Cage		\$1,164.00
Power Guide "Reel Power" level wind guide		\$5,072.00
Electro Magnet for outrigger leg		\$4,873.00
Pinch Roller/Tensioner Device		\$2,306.00
Hose Footage Counter (Standard - Driver Side)		\$580.00
Hose Footage Counter (Curb Side)		\$580.00



Digital electronic footage counter	Standard on Omnibus Precision Power(TM)	\$3,869.00
Metric Hose Counter (Driver Side)		\$580.00
Dual Roller Level Wind Guide, plastic (in lieu of single)		\$183.00
Aluminum Single Roller Level Wind Guide, (in lieu of plastic)		\$452.00
Aluminum Dual Roller Level Wind Guide, (in lieu of plastic)		\$680.00
HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00

### Water Systems

30 gpm/3000 psi Pump	Pump rating is 40 gpm	\$0.00
30 gpm/3000 psi Pump - FMC / Hydro-Excavation Package	Combo Units without Hose Reel	\$0.00
60 gpm/2000 psi Pump		\$0.00
65 gpm/2000 psi Pump		\$0.00
60 gpm/2500 psi Pump		\$0.00
50 gpm/3000 psi Pump		\$0.00
80 gpm/2000 psi Pump		\$0.00
80 gpm/2500 psi Pump		\$0.00
60 gpm/3000 psi Pump		\$0.00
80 gpm/3000 psi Pump - 8000 Series Giant Pump		\$9,778.00
120 gpm/2000 psi Water System (includes 500' x 1½" Hose & 800' Capacity Reel)		\$24,254.00

### Water System Options

Debris Body "Power Flush" System, 8 jets		\$1,944.00
Flush Out connection for rear door valve	Pick one for each drain port needed	\$522.00
Centrifugal Compressor Fan Flush Out System		\$1,205.00
Water & Debris Tanks Tied Together		\$2,290.00
Winter Recirculating System for Rodder Hose		\$1,035.00
Winter Recirculating connection for low pressure circuit.	Requires winter recirculating system for rodder hose.	\$261.00
Winter Recirculating connection for high pressure circuit.	Requires winter recirculation system for rodder hose.	\$447.00
Artic Winter Recirculating System for rodder hose, includes plumbing to upper water tanks.		\$1,300.00
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00

Pre-Tank Water Filter (In-line)		\$350.00
Pre-Tank Water Filter (Y-type)		\$935.00
2½" Water Drain Gate Valve Assembly (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$295.00
1/4 turn ball valve water drain ( cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$457.00
Automatic Continuous Fill System		\$2,192.00
Folding Spray Bar Assembly with In Cab Controls		\$3,778.00
Variable Flow Valve (Valve Only ) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Water Ring Assembly (inlet mounted)		\$2,222.00
Pulsation Feature for Water Pump		\$3,598.00
Lateral Cleaning Kit w/150' x ½" Hose w/Nozzle, Dolly style mounts		\$3,188.00
Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled		\$5,887.00
Lateral Cleaning Kit w/400' Hose w/Nozzle, Permanently Mtd, Hydraulically Controlled		\$7,364.00
Street Flusher, 450 GPM, air actuated spray heads, includes water and debris tanks tied together	Consult factory for adaptability for Single Engine Design	\$33,419.00
Auxiliary Engine Driven Hydraulics	Consult Factory for Application	\$4,624.00
Water Pump Remote Oil Drain		\$271.00
Chemical Tank (15) Gallons	120volt Pump with Invertor (Consult Factory for Compatibility) 711-8088	\$3,153.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
FMC Water Pump Option: 30/3000, 60/2000, 65/3000, 80/2000, 80/2500	Replaces standard Giant water pump	\$2,171.00
Provision for Dealer/Customer installed Vaporooter Commander	Specify Desired Location	\$0.00
Gate Valve at Water Pump Inlet		\$662.00

Water Pump Flow Meter - Omnibus Units Only		\$2,153.00
FMC Water Pump Option: 80/3000 Must be used with minimum 185hp DIESEL engine	Consult factory for Gasoline engine applications	\$2,503.00

### Water System Accessories

Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of 1½" hose, Low Pressure		\$643.00
10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00
30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Water Ring (Ring Only)		\$469.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00
711-53686 Hydro. X Lance Assy. - Must Choose Hydro X. Package - 72" with quick disconnects, 1/2 schedule 80, horizontal handle	Standard with Hydro. X Package - Extensions are Available	\$0.00
711-30906 A 48" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$172.00
711-TBA 72" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$183.00
711-30903 High-pressure handwand 51"x1/2" S.S., pistol grip handle with adjustable handle (No extensions available) - Single foward jet	No extensions available	\$1,068.00
711-30903T Turbo Jet with Single Foward Jet		\$1,077.00
711-30903A Multiple Forward Jets with Chisel Nozzle		\$1,088.00

### Jet Rodder Hose

400' x 3/4" Jet Rodder Hose - Standard	3000 psi/7500 psi	\$0.00
500' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$447.00
600' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$893.00
700' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,337.00
800' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,783.00
1000' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$2,672.00
400' x 1" Jet Rodder Hose - Standard	2500 psi/6250 psi	\$0.00



500' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$447.00
600' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$893.00
700' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,337.00
800' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,783.00
400' x 1" - 3000 psi Jet Rodder hose	3000 psi/7500 psi	\$646.00
500' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,291.00
600' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,903.00
700' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$2,221.00
800' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$3,126.00
500' x 1½" Jet Rodder Hose	Standard on 120 gpm water system - 2500 psi/6250 psi	\$0.00
800' x ¾" Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$3,843.00
800' x 1" Jet Rodder Hose - Continuous	2500 psi/6250 psi	\$3,843.00
800' x 1" 3000 psi - Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$5,184.00

#### **Spare Rolls of Jet Rodder Hose**

400' Spare Roll of Jet Rodder Hose	¾" 3000 psi or 1" 2500 psi	\$1,792.00
500' Spare Roll of Jet Rodder Hose	¾" 3000 psi or 1" 2500 psi	\$2,252.00
600' Spare Roll of Jet Rodder Hose	¾" 3000 psi or 1" 2500 psi	\$2,678.00

#### **Debris Body Options**

Hydraulic Rear Door Opener, removes door grabber	Removes door grabber; Stand. on Highdump; Not Available w/ Flatdoor	\$3,782.00
6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)	Standard drain hose included	\$735.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
6" Air operated knife valve/Front Drivers Side Mounted w/Cam-lock and 25' of layflat hose with Cam-lock		\$2,759.00
Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00
Rear, Hydraulic Pump Off System, 200 GPM w/20' lay flat Hose	Optional pump placement below	\$7,077.00
Rear, Hydraulic Pump Off System, 350 GPM w/20' lay flat Hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 400 gpm with 20' lay flat hose	Optional pump placement below	\$9,431.00

Rear, Hydraulic Pump Off System, 450 gpm with 20' lay flat hose	Optional pump placement below	\$12,735.00
Rear, Hydraulic Pump Off System, 575 GPM w/20' lay flat Hose	Optional pump placement below	\$12,735.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
High Dump Option, Single Axle (9 Yard)	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$21,134.00
High Dump Option, Tandem Axle	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$25,358.00
A Flat Style Rear Door ilo Dome Style Door Including Hydraulic Opener will be Provided	A Wear Plate, Swing Style is Included	\$5,429.00
Rear Splash Shield - Rear Flange Mounted	Domed or Flat Door	\$1,901.00
Rear splash guard (2 - 10 O'clock) - tank mounted		\$2,645.00
Rear Splash Shield Diamond Plate Aluminum		\$3,697.00
Vacuum Enhancer, Fan or PD, Air Operated		\$4,874.00
Wear Plate, Swing Style		\$1,035.00
Rubber pad on standard deflector	On flat door, will be on swing style wear plate	\$510.00
Electric Vibrator		\$4,234.00
Wear Plate to cover entire rear door, with hinge		\$1,004.00
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Move Pump Off to Front, Driver's Side of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Move Pump Off to Front, Curbside of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Stainless Steel Ball on Debris Body Level Indicator	Replaces plastic	\$243.00
Screen assembly over drain port in debris tank	MUST PICK PLACEMENT OF SCREEN BELOW	\$447.00
Debris tank drain screen placement - Standard drain valve	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Rear door pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank drain	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank pump off	Must be used with "Debris tank drain screen assembly"	\$0.00

## Electrical Options

Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Front Axle Load Limit Alarm		\$926.00
Auxiliary Engine Kill Switch (Vandalism Protection)		\$134.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body (includes Hi-Dump, if applicable). Does not include remote cable pendant controls for boom or hi dump.	Replaces Standard Pendant	\$4,650.00
4 Way Pendant Control Station		\$512.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Hi Dump pendant control station with 25' cable		\$415.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
Omnibus Precision Power System (OPP)- Electronic Controller System-Includes: a color monitor, electronic footage counter, and pressure compensated hydraulics. AVAILABLE: DUAL AND SINGLE ENG MACHINES.	Compatible chassis: Freightliners with Cummins ISL and Detroit Diesel DD13, International with N-10, and Peterbilt with ISL and PX	\$5,496.00

## Lighting Options

Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side. When (1) is selected, D/S is standard	\$928.00
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LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Held Spot Light - LED		\$600.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Flood Light - Water Pump Work Area with Limb Guard - Whelen NP6BB Worklight		\$416.00
LED Flood Light - Level Wind Guide with Limb Guard - Whelen NP6BB Worklight		\$416.00
Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
<b>Misc Machine Options</b>		
Heavy Reinforced Elbow "Wear Back"		\$1,110.00
Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
Auxiliary engine control panel (lockable door)	For use with Deutz & JD Auxiliary Engines	\$329.00
Cyclone Separator, add on for fan units, consult factory for adaptability	Contact factory for adaptability. Standard on PD units.	\$4,901.00
Hydraulic Power Tool Option, front bumper control valve mount location		\$3,387.00
Hydraulic Power Tool Option, Rear Bumper Control Valve Mount Location		\$3,877.00
Offset Manhole Roller 711-0050		\$382.00
Grate Lifting Hook 711-9700		\$446.00



Rear Mounted Tow Hooks		\$354.00
Auxiliary Engine Remote Oil Drain		\$277.00
Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable		\$2,391.00
Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
Grease Assembly Articulating Hose Reel		\$1,104.00
Remote Hi-Dump Grease Assembly (Single Axle)		\$1,890.00
Remote Hi-Dump Grease Assembly (Tandem Axle)		\$2,260.00
Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
Hydraulic System Temperature Gauge		\$325.00
Vacuum gauge front bumper location behind reel		\$563.00
Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
Water Cooler Rack		\$307.00
Centrifugal Compressor Quiet Silencer, Class 4, 304 Stainless Steel Construction, 14in x 40in with 8in discharge		\$4,806.00
Spanish Decals		\$0.00
French Decals		\$0.00
Vanair PTO Shaft Driven Underdeck Mount Air Compressor with Air Knife, Retractable Reel w/70' x 3/4" hose, 185 CFM at 100-150 psi rating. (Delete driver side front water tank).		\$29,453.00
12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00

Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
<b>Misc Accessories</b>		
Hose Guide, spare 665-0004		\$181.00
Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00
<b>Vacuum Tubing</b>		
3' x 8" Aluminum Pipe Extension		\$243.00
4' x 8" Aluminum Pipe Extension		\$268.00
5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
7' x 8" Aluminum Pipe Extension		\$354.00
8' x 8" Aluminum Pipe Extension		\$354.00
10' x 8" Aluminum Pipe Extension		\$388.00
6½' x 8" Catch Basin Nozzle with Serrated End		\$369.00
7½' x 8" Catch Basin Nozzle with Serrated End		\$406.00
Non-conducting Catch Basin Nozzle		\$1,059.00
Leaf Nozzle, 25" x 8" No Holes		\$264.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
Snorkel Nozzle Kit (Includes 1- 3' pipe) 711-0031		\$496.00
5' x 5" Snorkel Pipe Nozzle Extension 800-0127		\$160.00
3' x 8" Clear Demo Tube 711-1255		\$578.00
Circular Operator Handle 711-0172		\$268.00
8" to Double 4" Y Adapter 800-0476		\$382.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00
8" Quick Clamp, spare, 680-0015		\$41.00

8" Gasket with Holes 690-0025		\$12.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00
8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
5' x 6" Aluminum Pipe	6" Intake System	\$287.00
3' x 6" Aluminum Pipe	6" Intake System	\$242.00
6' x 6" Aluminum Pipe	6" Intake System	\$322.00
6" Quick Clamp	6" Intake System	\$54.00
6" Adjustable Air Gap	6" Intake System (1) 6" quick clamp included	\$448.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00
<b>Pipe Storage Racks - 4 standard per unit</b>		
Additional Pipe Rack(s), specify any requested locations in comments section, otherwise engineering will place in best available locations.	Specify any requested location in comments section	\$188.00
Vertical Pipe Rack (Holds 3 Pipes)		\$561.00
Lazy Susan Pipe Rack (Holds 5 Pipes)	Consult Factory for Compatibility	\$2,571.00
Folding Pipe Rack (3), Mtd Rear Door		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Driver Side		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Curbside	Not Available on 3-Yard Machine	\$2,909.00
Additional Side Steps (8 are Standard)		\$109.00
<b>Tool / Storage Boxes</b>		
Storage Box Behind Cab 16" x 42" x 96"	Std on units with 1300 & 1500 gallons of water and 5 yard units with 1000 gallons	\$2,390.00
Aluminum Storage Box Behind Cab 16" x 42" x 96"		\$5,130.00
Aluminum Storage Box Behind Cab in lieu of Standard Steel		\$2,742.00
(2) Roll out shelves for storage box behind cab		\$1,598.00
Side Mounted Tool Box 35" x 14" x 24"		\$795.00
35" x 14" x 24" Aluminum Side Mounted Tool Box, ea (ilo steel)	Consult factory for additional room	\$500.00
16" x 13" x 72" Aluminum Side Mounted Tool Box, ea (ilo steel)		\$1,562.00
2 ) 24" x 18" x 18" Steel Rear Tool Boxes, mtd each side of extended frame units, 1000 or 1300 gallons only		\$976.00
2 ) 24" x 18" x 18" Aluminum Rear Tool Boxes,		\$1,657.00



mtd each side of extended frame units, 1000 or 1300 gallons only		
12" x 18" x 96" Steel Tool Box, mounts under storage box behind cab		\$1,107.00
12" x 18" x 96" Aluminum Tool Box, mounts under storage box behind cab		\$1,852.00
Dry Decking - side tool boxes (6' & 35") - each		\$219.00
Dry Decking - behind cab storage box (96")		\$535.00
16x42x48 Steel Storage Box (Drivers Side Behind Cab)	Consult factory for adaptability on tandem axle units	\$1,163.00
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
24x18x18 Steel Tool Box (Extended Frame Units w/o rear tanks)		\$920.00
(2) 24x18x18 Aluminum Tool Box (Extended Frame Units w/o Rear Tanks)		\$1,776.00
(2) Front Bumper Tool Boxes 8"x14"x6" Aluminum	711-50463 Curbside/711-50484 Driver's side	\$883.00
<b>3/4" Spare Nozzles</b>		
3/4" Nozzle rack		\$120.00
3/4" 30 gpm - Standard Nozzle, spare		\$387.00
3/4" 50 gpm - Standard Nozzle, spare		\$387.00
3/4" 30 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" 50 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" Nozzle Pipe Assembly (skid), spare		\$102.00
3/4" 30 gpm Grenade Nozzle		\$832.00
3/4" 50 gpm Grenade Nozzle		\$832.00
Aluminum Storm Nozzle 3/4" 30 gpm		\$461.00
Aluminum Storm Nozzle 3/4" 50 gpm		\$461.00
3/4" Storm Nozzle Pipe Assembly (skid)		\$102.00
3/4" 30 gpm Rotating Spinning Nozzle		\$980.00
3/4" 50 gpm Rotating Spinning Nozzle		\$980.00
3/4" 30 gpm Little Bruce 5" Culvert Nozzle		\$1,442.00
3/4" 50 gpm Little Bruce 5" Culvert Nozzle		\$1,442.00
3/4" Brass Flusher Nozzle		\$72.00
<b>1" Spare Nozzles</b>		
1" Nozzle rack		\$120.00
Aluminum Storm Nozzle 1" 60 gpm		\$461.00
Aluminum Storm Nozzle 1" 70 gpm		\$461.00
Aluminum Storm Nozzle 1" 80 gpm		\$461.00

1" Storm Nozzle Pipe Assembly (skid)	\$102.00
1" 60 gpm Standard Nozzle, spare	\$387.00
1" 70 gpm Standard Nozzle, spare	\$387.00
1" 80 gpm Standard Nozzle, spare	\$387.00
Standard nozzle	\$387.00
1" 60 gpm Penetrator Chisel - Standard, spare	\$444.00
1" 70 gpm Penetrator Chisel - Standard, spare	\$444.00
1" 80 gpm Penetrator Chisel - Standard, spare	\$444.00
Penetrator nozzle	\$444.00
1" Nozzle Pipe Assembly (skid), spare	\$102.00
1" 60 gpm Grenade Nozzle	\$832.00
1" 70 gpm Grenade Nozzle	\$832.00
1" 80 gpm Grenade Nozzle	\$832.00
Grenade nozzle	\$832.00
1" 60 gpm Rotating Spinning Style	\$980.00
1" 70 gpm Rotating Spinning Style	\$980.00
1" 80 gpm Rotating Spinning Style	\$980.00
Little Bruce culvert nozzle	\$2,105.00
1" 60 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 70 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 80 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" Brass Flusher Nozzle	\$84.00
<b>Spare Nozzles</b>	
Standard nozzle	\$387.00
Rotating Spinning Nozzle	\$980.00
Big Otto culvert nozzle	\$2,105.00
<b>Leader Hose</b>	
3/4" x 10' Length Leader Hose	\$270.00
1" x 10' Length Leader Hose	\$270.00
1-1/4" x 10' Length Leader Hose	\$270.00
3/4" x 15' Length Leader Hose	\$406.00
1" x 15' Length Leader Hose	\$406.00
1-1/4" x 15' Length Leader Hose	\$406.00
3/4" x 20' Length Leader Hose	\$433.00
1" x 20' Length Leader Hose	\$433.00
1-1/4" x 20' Length Leader Hose	\$433.00
3/4" x 25' Length Leader Hose	\$518.00
1" x 25' Length Leader Hose	\$518.00

1-1/4" x 25' Length Leader Hose		\$518.00
3/4" x 30" Length Leader Hose, Spare		\$128.00
1" x 30" Length Leader Hose, Spare		\$128.00
1-1/4" x 30" Length Leader Hose, Spare		\$128.00

#### Swedge Tools

Hydraulic Swage Kit		\$2,919.00
Manual Swage Kit		\$1,913.00
1" Swage End		\$79.00
3/4" Swage End		\$75.00

#### Root Cutter

Rotating Turbine Chain Scraper 5"-10" with skids & chain 10.125TR6-10		\$4,199.00
Rotating Turbine Chain Scraper with skids and Chain 10.125TR8-12 set		\$4,398.00
1" to 3/4" Bushing for Chain Scraper		\$19.00
1" Bulldog with skid 400.600BS		\$3,479.00
3/4" Bulldog 400.060A		\$3,171.00

#### Manuals

Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

#### Paint - Module Options

Ceramic Coating in Debris Tank, Single Axle		\$4,650.00
Ceramic Coating in Debris Tank, Tandem Axle		\$6,203.00
Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite		\$0.00

Pepsi Blue (PPG code: 946949)

Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)	\$0.00
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Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)	\$0.00
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Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)	\$0.00
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Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)	\$0.00
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Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)	\$0.00
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Undercoat - Vac-Con Module & Chassis	\$2,092.00
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Paint Tool Box/Storage Boxes to match Unit	Standard - Black Powder Coating	\$770.00
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Metallic paint Option	\$8,500.00
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Mainframe Deck Coating	In lieu of adhesive grip tape	\$2,759.00
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Painted steel upper water tank panels in lieu of standard aluminum diamond plate	\$570.00
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#### **Paint - Module Stripe Options**

Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
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Standard Striping Package - White 692-5204-01	\$0.00
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Standard Striping Package - Blue 692-5204-02	\$0.00
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#### **Paint - Chassis Options**

Chassis Dealer to Paint Cab - Specify Color	\$5,000.00
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Paint Chassis Hood Flat Black	\$770.00
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#### **Paint - Chassis Stripe Options**

Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
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Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
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Cab Painted with Flames	\$3,117.00
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#### **Pool Trucks (Chassis)**

Freightliner 108SD 4x2 37000GVWR ISL270 3000RDS	\$80,500.00
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Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS	\$88,200.00
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Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS	\$99,750.00
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Freightliner 114SD 66000 6X4 10 SPD 450HP DD13	\$100,300.00
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Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Freightliner 75DGE 114SD 4x2 43000GVWR ISL320 3000RDS		\$139,929.00
Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS		\$149,817.00
Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
Peterbilt 348 6x4 66000GVWR PX-9 345HP 3000RDS	Tandem Axle	\$103,000.00

### Pool Truck Modifications

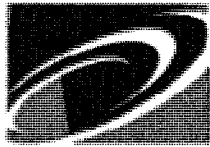
Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty-Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty-Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
Roll Bogies, Single Axle		\$2,712.00
Roll Bogies, Tandem Axle		\$3,540.00
Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00

Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty-Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle 13,500lb. Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00

#### Extended Warranties

John Deere auxiliary engine 3 Years/4000 hours (subject to \$250 deductible) extended warranty	\$2,520.00
John Deere auxiliary engine 4 Years/5000 hours (subject to \$250 deductible) extended warranty	\$3,206.00
John Deere auxiliary engine 5 Years/5000 hours (subject to \$250 deductible) extended warranty	\$4,241.00
Gas Engine Extended Warranty - 5YRS/5000HRS	\$5,000.00
John Deere Tier 4 5YR/5000HR, Full Coverage Warranty (March 1, 2017 - December 31, 2019)	\$3,978.00





# VAC-CON Hot Shot Catalog

969 Hal Park Rd, Green Cove Springs, FL 32043  
Tel: 904-284-4200 Fax: 904-284-3305

Polyethylene Water Tank - 1 year warranty  
600' capacity (1" Front mounted hose reel)  
30 gpm/3000 psi water pump system  
Water pump drive: Standard Aux Engine is WSG-1068 6.8 Litre, 10-Cylinder, Gas Engine 222HP @ 3200 rpm  
400' High Pressure Jet Rodder Hose (3/4")  
Hose rewind guide  
Hose guide (Tiger Tail)  
30" Leader Hose  
600 psi wash down hand gun with 25' of hose and nozzle  
1) each Sanitary and Penetrator Nozzles  
ICC Lighting  
DuPont Elite Polyurethane Paint  
12 month standard Warranty - see certificate for details  
5lb Fire Extinguisher  
Set of Triangles

Description	Additional Info	Cost
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## Auxiliary

-- Select Auxiliary System--		\$0.00
John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 225HP@2400RPM	Please consult factory for availability	\$47,360.75

## Pool Truck Modifications

Add Front Frame Extensions to Chassis	Chassis Models Peterbilt 365/567, Kenworth T-800/T-880 Large Bore Engine Applications Without FFE	\$10,000.00
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## Water System Options

Hydroexcavation package includes: 50' retractable handgun hose reel with 50' of 1/2" high pressure hose, HP/Quick disconnect, heavy duty HP unloader valve, main control ball valve, 72x1/2 Sch. 80 Lance w/ Quick Den., Sngl. Fwd. Spray Nozzle, Horiz. Hand.		\$6,437.00
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## Models

HS1000		\$87,865.00
HS1600		\$92,537.00