SPECIFICATIONS

Vac250

VAC250D Hydro-Vac Trailer System

	Power Pack	Yes	No	Specify
Engine	Caterpillar 33 horsepower C1.6 industrial liquid cooled diesel engine.	X		
Fuel Tank	8 gallon fuel cell. Meets 2012 EPA and CARB Emissions Standards	X		
Controls	Curbside Panel. Digital tachometer/ engine hour meter, vacuum gauge, spoils rear door switch, water pump switch, strobe light switch, work light switch, low water bypass switch, Spin Doctor / Aux Switch, engine control panel Model LOFA EP250	X		
Electrical Power	12-Volt system. 12 Volt Battery	X		
Traffic Control	12-Volt DOT compliant amber strobe light.	X		
Vacuum Pump	Gardner Denver Legend R Series Blower - Model GACLDRA, 450 CFM @ 14Hg suction power. Dual Belt Drive - No clutch allowed. 80db silencer muffler.	X		
Pressure Washer Pump	Giant water pump, Model P319 clutch operated, single belt drive, 4.8 GPM at 3000 PSI, Cat Pump pressure sensitive regulating unloader valve, 6 gallon antifreeze tank with 2 two position selector valve. Y-strainer water filter element.	X		
Hydraulic System	Direct coupled hydraulic pump rated at 9 GPM @ 2250 PSI, 15 gallon hydraulic reservoir with Temperature / Oil level gauge, pressure gauge, spin on filter.	X		
	Thermostatic Controlled fan cooled heat exchanger and temperature gauge.			Optional
	Auxiliary power tool circuit			Optional
	Spoils - Rear Discharge (pump specifications are in the Power System section)	Yes	N0	Specify
Debris Holding Tank	250 gallon holding capacity. Top hinged full opening dump door with twin hydraulic lift cylinders. Rear door is locked using a 4 point spider positive locking system. Compressible rear door O-ring. Kunkle Model 215V vacuum breaker factory preset and certified at 14 Hg. 4 inch rear door dump valve. 4 inch steel suction tube with 4 inch gate valve. 2 mounted swiveling work lights.	X		
Filtration	High velocity heavy material drop out debris tank with 3 inch quick drain valve. 19 Micro-Tube technology filtration tubes, 5 micron. Will filter dust as fine as grain dust. Washable and reusable.	X		
Dumping	32 degree angle fixed pitch debris tank for self unloading. No mechanical lift will be allowed. 4 inch drain valve to dump liquids without opening rear door.	X		
Hose and Wands	3 inch hose with quick connect ball and socket connection on both ends. Hose end increases at suction tube to 4 inch to help prevent clogging. 1 - 3 inch suction tube with PVC extension, 8 feet long.	X		

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SPECIFICATIONS

Vac250

VAC250D Hydro-Vac Trailer System

Trailer		Yes	No	Specify
Trailer	Trailer Frame is constructed of 4" x 1-5/8" 5.4 lbs structural steel channel. All spliced joints are reinforced with a splice plate. Trailer is 142" long and 4' wide. To the outside of the fender is 78-1/2". 7000 pound Bull Dog trailer jack. 6000# Dexter Torflex axel with electric brakes and 285.16 load range E tires and wheels. Battery operated electric breakaway brake system.	X		
Lighting	DOT approved LED lights with environmentally sealed connectors. DOT Red and White safety striping and side marker lights.	X		
Finish	Acid wash and baked on Powder Coat finish. Non-skid surface on fenders.	X		
Hitch	2-5/16 standard Ball Hitch with safety chains	X		
	3" Pintle Hitch with safety chains			Optional
Skid Frame	Power System Skid Frame is constructed of 4" x 1-5/8" 5.4 lbs structural steel channel. All spliced joints are reinforced with a splice plate. Frame is 105-1/2" long x 4' wide. Frame deck is 7 ga. Steel and the Power System plate is mounted on anti-vibration mounts. Trailer frame is Powder Coated.	X		
Approximate Overall Dimensions	Assembled vacuum 180" long x 79" wide x 86" to top of strobe light. Dry weight 3600 pounds	X		
Additional Optional Items		Yes	No	Specify
Tool Box	Heavy Duty locking polished diamond plate tool box. 28"x16.5"x11.5"			Optional
Arrow Board	Programmable arrow board with controller			Optional
Warranty		Yes	No	Specify
Standard Warranty	1 year for parts and service beginning on delivery date. Manufacturers warranty on Engine, Vacuum Blower and Water Pump.	X		
Extended Warranty	2 years parts and service from delivery date.			Optional - Additional Charge
Delivery and Training		Yes	No	Specify
F.O.B.	Freight is FOB Harrisburg, South Dakota			
Deliver and Train	Deliver to customer and 4 hours of training			Optional - Additional Charge

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SPECIFICATIONS

Vac250

VAC250G Hydro-Vac Trailer System

Power System		Yes	No	Specify
Engine	Kohler 34 horsepower gas engine. Command Pro. Model CH940	X		
Fuel Tank	8 gallon fuel cell. Meets 2012 EPA and CARB Emissions Standards	X		
Controls	Curbside panel. Digital tachometer/ engine hour meter, vacuum gauge, spoils rear door switch, water pump switch, strobe light switch, work light switch, low water bypass switch, Spin Doctor / Aux Switch, engine control panel.	X		
Electrical Power	12-Volt system. 12 Volt Battery	X		
Traffic Control	12-Volt DOT compliant amber strobe light.	X		
Vacuum Pump	Gardner Denver Legend R Series Blower - Model GACLDRA, 450 CFM @ 14Hg suction power. Dual Belt Drive - No clutch required. 80db silencer muffler.	X		
Pressure Washer Pump	Giant water pump, Model P319 clutch operated, single belt drive, 4.8 GPM at 3000 PSI, Cat Pump pressure sensitive regulating unloader valve. 6 gallon antifreeze tank with 2 two position selector valve, Y-strainer water filter element.	X		
Hydraulic System	Direct coupled hydraulic pump rated at 9 GPM @ 2250 PSI, 15 gallon hydraulic reservoir with Temperature / Oil level gauge, pressure gauge.	X		
	Thermostatic Controlled fan cooled heat exchanger and temperature gauge.			Optional
	Auxiliary power tool circuit			Optional
Spoils - Rear Discharge (pump specifications are in the Power System section)		Yes	No	Specify
Debris Holding Tank	250 gallon holding capacity. Top hinged full opening dump door with twin hydraulic lift cylinders. Rear door is locked using a 4 point spider positive locking system. Compressible rear door O-ring. Kunkle Model 215V vacuum breaker factory preset and certified at 14 Hg. 4 inch rear door dump valve. 4 inch steel suction tube with 4 inch gate valve. 2 mounted swiveling work lights.	X		
Filtration	High velocity heavy material drop out debris tank with 3 inch quick drain valve. 19 Micro-Tube technology filtration tubes, 5 micron. Will filter dust as fine as grain dust. Washable and reusable.	X		
Dumping	32 degree angle fixed pitch debris tank for self unloading. No mechanical lift will be allowed. 4 inch drain valve to dump liquids without opening rear door.	X		
Hose and Wands	3 inch hose with quick connect ball and socket connection on both ends. Hose end increases at suction tube to 4 inch to help prevent clogging. 1 - 3 inch suction tube with PVC extension, 8 feet long.	X		

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SPECIFICATIONS

VAC250G Hydro-Vac Trailer System

Pressure Washer (pump specifications in Power System section.)		Yes	No	Specify
Water Holding Tank	95 gallon clean water tank with 4 inch fill neck. Electronic float controlled shut off. Recirculation system when anti-freezing and using in cold weather. 1 inch ball valve drain.	X		
Hose and Wands	50' high pressure hose on manual Cox hose reel with positive lock for travel. 3 foot wash down wand and 8 foot emulsifying wand. All hoses and wands use high pressure quick disconnects.	X		
Water Heater	Used in conjunction with pressure washer pump. Diesel fired water heater produces 197,000 BTU's of energy. Adjustable to 210 degrees f. The unit has flow and temperature limit switches to maintain safe operation.			Optional
Trailer		Yes	No	Specify
Trailer	Trailer Frame is constructed of 4" x 1-5/8" 5.4 lbs structural steel channel. All spliced joints are reinforced with a splice plate. Trailer is 142" long and 4' wide. To the outside of the fender is 78-1/2". 7000 pound Bull Dog trailer jack. 6000# Dexter Torflex axel with electric brakes and 285.16 load range E tires and wheels. Battery operated electric breakaway brake system.	X		
Lighting	DOT approved LED lights with environmentally sealed connectors. DOT Red and White safety striping and side marker lights.	X		
Finish	Acid wash and baked on Powder Coat finish. Non-skid surface on fenders.	X		
Hitch	2-5/16 standard Ball Hitch with safety chains	X		
	3" Pintle Hitch with safety chains			Optional
Skid Frame	Power System Skid Frame is constructed of 4" x 1-5/8" 5.4 lbs structural steel channel. All spliced joints are reinforced with a splice plate. Frame is 105-1/2" long x 4' wide. Frame deck is 7 ga. Steel and the Power System plate is mounted on anti-vibration mounts. Trailer frame is Powder Coated.	X		
Approximate Overall Dimensions	Assembled vacuum 180" long x 79" wide x 86" to top of strobe light. Dry weight 3600 pounds	X		
Additional Optional Items		Yes	No	Specify
Tool Box	Heavy Duty locking polished diamond plate tool box. 28"x16.5"x11.5"			Optional
Arrow Board	Programmable arrow board with controller			Optional
Warranty		Yes	No	Specify
Standard Warranty	1 year for parts and service beginning on delivery date. Manufacturers warranty on Engine, Vacuum Blower and Water Pump.	X		
Extended Warranty	2 years parts and service from delivery date.			Optional - Additional Charge
Delivery and Training		Yes	No	Specify
F.O.B.	Freight is FOB Harrisburg, South Dakota - Approximate shipping weight 3600#	X		
Deliver and Train	Deliver to customer and 4 hours of training			Optional - Additional Charge