

HURC-0-VAC 150G VACUUM SYSTEM

SPECIFICATIONS REQUIRED	COMPLY	EXCEPTIONS, DEVIATIONS, AND ANSWERS
General		
The following specification list is designed to describe the Hurc-O-Vac 150G system.		
The unit shall be constructed to accept the Hurco Spin Doctor G2 valve exercising, maintenance, and management systems.		
The unit shall be the manufacturer's current production model that meets or exceeds the terms of these specifications.		
The manufacturer shall furnish parts and operation manuals for the unit(s) bid. The manufacturer shall guarantee equipment against defects in workmanship and materials for a period of (1) year on vacuum unit, (18) months manufacturers on vacuum pump, and (2) year limited manufacturers on engine (Kohler).		
For any offer to be considered, all items/features must be of a standard production model, not modified for bid purposes. All deviations must be spelled out and explained in full.		
SPECIFICATIONS REQUIRED	YES/NO	EXCEPTIONS, DEVIATIONS, AND ANSWERS
Hurc-O-Vac unit specs.		
Trailer shall have compact and integrated function design.		
Clean water tank, Spoils tank, and vacuum filter system shall be of one piece design and shall be attached to frame with grade 5 capscrews.		
Dimensions shall be: height = 7'-0", width = 7'-0", length = 12'-6"		
Unit shall have switch activated strobe light mounted on top of tank for 360 degree visibility. *Directional strobe light optional.		
Trailer shall be primered and painted with high visibility yellow 'Epoxy' base paint.		
Tail lights shall be mounted on top of fenders. Tail lights shall be protected by steel framing.		
Trailer weight "dry" shall be 3150 lbs.		
Trailer shall have 1 year parts and labor warranty. (Motor and some other components are listed separately).		
Trailer Frame		
Frame shall be constructed with heavy duty, high carbon, tubular steel.		
Hitch shall be of a class IV, adjustable design. *Pintle hitch choice optional		
Axle shall be pre-loaded torsion type with rating of 5000 lbs.		
Trailer shall have 12" drum brakes, electrically activated, and with breakaway switch.		
Trailer shall have 15" steel wheels with radial tires rated for highway speeds and correct load rating.		
Clean Water Tank		
Clean water tank shall be 94 gallon 'usable' capacity.		
Clean water tank shall have water fill ports and water level sight gauges on both sides.		
Clean water tank shall have a 2" ball valve for easy drainage.		
Clean water tank shall be constructed of 10 gauge A36 steel.		
Spoils tank		
Spoils tank shall be 100 gallon 'usable' capacity.		
Spoils tank shall be static mounted at 45 degrees for gravity drainage.		
Drainage door shall be rear mounted and hinged at top of door.		
Drainage door shall expose entire rear of tank and lock into upright position for easy access to interior of spoils tank.		
Drainage door shall be controlled by 12-volt remote controlled winch with steel cable operation.		
Spoils tank shall have decanter valve for liquid drainage.		
Spoils tank shall be constructed of 10 gauge A36 Steel.		
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Specifications are subject to change without notice

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Vacuum		
Pump shall be Rotary Positive Displacement type.		
Pump shall be engaged and disengaged by a electrically activated clutch.		
Pump shall have Exclusive patented silencer.		
Pump shall be capable of drawing 2" Hg at 590 CFM to 15" Hg at 480 CFM.		
Pump shall have 18 month manufacturers warranty.		
Vacuum system shall have hard plumbed metal lines from inlet to exhaust.		
Inlet elbow shall be 3" diameter and shall be replaceable. *4" inlet elbow shall be optional.		
Filters shall be non-pleated tubular design.		
Filters shall be non-collapsible.		
Filters shall have a minimum 50 square feet of surface area.		
Filter area shall have easy access doors for cleaning and inspection at both ends of filter housing.		
Suction hose shall be 3" diameter x 20' length with couplers attached each end.		
Suction wand shall have 6' PVC electrically non-conductive tube.		
Suction wand shall be constructed of light weight aluminum with 360 degree handle.		
Suction wand shall have adjustable damper for air control.		
Pressure washer		
Pressure pump shall be rated at 3 GPM @ 3000 PSI.		
Pressure pump shall be hydraulically driven.		
Shall have low water safety shutoff.		
Shall have a 30' self-retracting hose reel.		
Hose reel shall have a 3/8" ID hose rated at 3000 PSI.		
Shall have a 3' x 45 degree pressure wand.		
Shall have a 7' x 0 degree oscillating pressure wand.		
Shall be equipped with 3 gallon anti-freeze tank controlled with 3-way valve for switching between clean water and anti-freeze tanks.		
Hydraulics		
Pump shall be gear type with cast housing.		
Pump shall be rated not less than 18.66 horse power.		
Pump shall be 10 GPM at 2000 PSI.		
Hydraulic tank shall be 20 gallon capacity with sight gauge.		
Filter shall be spin-on type.		
Control valve shall be 3-position, single spool, with detents.		
Hydraulic pressure connections shall meet SAE O-ring and JIC standards.		
Suction line shall be unrestricted 3/4" ID. Pressure will be 3000 PSI rated and return lines will be 2500 PSI rated.		
Engine (Kohler 25 hp Command series)		
Gas, 2 cylinder, 4 cycle, 44 cu. In. displacement		
25 hp @ 3600 RPM		
Spin on filter and dry type air cleaner		
Gas tank shall have 8 gallon capacity.		