

A FAMILY COMPANY SINCE 1967



X-12 DESIGNED FOR SAFE & EASY OPERATION, MAXIMUM PRODUCTIVITY & LONG SERVICE LIFE.



- **COLD WEATHER, SEVERE DUTY RE-CIRCULATION SYSTEM**
 - **TRIPLEX WATER PUMP: 20 GPM @ 2,500 PSI**
 - **5,250 CFM, 27" Hg VACUUM BLOWER**
 - **HOT WATER HEATER 700,000 BTU**
 - **360° ROTATING TOP LOADING BOOM**
 - **12 CUBIC YARD DEBRIS TANK**
 - **DUAL CYCLONIC SEPARATORS WITH DOUBLE COLLECTION CHAMBERS**
 - **WIRELESS REMOTE CONTROLS FOR BLOWER & WATER PUMP**
 - **FOUR 285-GALLON WATER STORAGE TANKS (1,140 TOTAL GALLONS)**
 - **HIGHEST STANDARD GROUND CLEARANCE IN THE INDUSTRY**
 - **NOISE-DEADENING, HEAT-RETAINING ENCLOSURE**
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X-12 HYDRO EXCAVATOR STANDARD SPECIFICATIONS



DEBRIS TANK

- 12 yd³ debris tank with dished front head
- Cylindrical design, .312-A-1011 steel, 50,000 psi minimum yield strength
- Directional splash shield including side shielding attached to tank
- 6" manual gate tailgate drain valve with 6" male cam-lock coupler
- Hydraulically-operated full open dished rear door with 4 hydraulic locks
- Dual action hydraulic hoist cylinder for power up and down
- Primary shutoff float ball, 10" stainless steel
- Lifetime debris tank warranty

BLOWER

- Hixon Model 8702 vacuum pump capable of producing 5,250 CFM and 27" Hg
- Blower drive via direct drive from OMSI Transfer Case
- Strainer housing with O-ring seal
- Level 5 ultra quiet inlet and outlet silencers with up and away design
- Hi-Vac standard final 85 micron blower inlet filter, removable and cleanable
- 12" air-operated vacuum relief valve

WATER TANKS

- Supertough poly graphite rust-free water tanks (lifetime warranty)
- 1,140 gallon capacity
- 2" water fill line with anti-siphon device and a 2 1/2" coupling
- Poly tank butterfly check valve on top of the front tank for fill hose access
- Water level sight gauge on each side
- Low-water alarm: visual (light) and audible (horn)

WATER PUMP

- Adjustable Triplex water pump: 0–20 GPM; 2,500 psi at engine speed of 1,500 RPM or greater
- Water pump drives via hydraulics—water volume is set independently of blower speed and remains at set-point at engine speeds between 1,500–2,100 RPM max. Pressure compensated system with load sensing, solenoid open/close valve, and turn-knob fluid flow control.
- Water pump controls located in control panel and on wireless remote

HOSE REEL SYSTEM

- Spring loaded hose reel: 1/2" x 100' high-pressure hose with swivel 1/2" male fitting on each end. The hose reel is mounted in the heated enclosure.

CYCLONE SEPARATORS

- Dual cyclone separators each with double collection chamber; 6" male cam-lock coupler; cap with chain for cleanout

COLD WEATHER PACKAGE

- Air purge system with coiled air hose

CONTROL PANEL

- Mounted on curb side of unit
- Controls mounted in a NEMA 4 weather-proof enclosure
- Tachometer, vacuum gauge, water pump pressure gauge, hydraulic loading boom, vacuum relief valve, tailgate functions and work lights

TOP LOADING BOOM

- 360° hydraulic rotation, 23' extendable boom reach
- Turret bearing style with accessible grease fitting on top
- 8" heavy-duty wire reinforced rubber suction hose
- Boom is power up/down, right/left, extend/retract
- Boom storage behind driver's side truck cab with cradle to lock boom in travel position
- Boom inlet box cleanout and inspection port

WIRELESS REMOTE CONTROL

- 16-function wireless remote control for boom, water pump (on/off), vacuum breaker, tailgate functions (open/close and locks) and E-stop
- Back-up remote and in-cab charger

LIGHTING

- DOT lighting with 2-light rear module assembly, clearance lamps, reflectors and 3-light center marker
- 2 rear-mounted work lights, 2 side-mounted work lights and 2 work lights mounted on the end of the boom
- 2 rear-mounted strobe lights

HEATED EQUIPMENT ENCLOSURE

- Custom fabricated 44" x 96" x 63" steel enclosure with access doors
- External top access ladder
- Access steps on each side
- Compartment shelves, clothing hooks, safety mat
- Heater with thermostat
- 2 interior work lights

ADDITIONAL FEATURES

- Frame-mounted ground cable reel
- 4-tube manual fold down rack on tailgate

VACUUM TUBE PACKAGE

- 2 — 8" x 5' aluminum tubes
- 1 — 8" x 6' aluminum tube
- 1 — 8" x 6' aluminum tube w/ rubber dig end
- 4 — 8" coupling clamps

TOOL PACKAGE

- 1 pistol type handgun assembly with digging wand and 2 nozzles

REAR BUMPER

- Standard frame-mounted tubular design

PAINTING

- Sandblasted white w/ 2 coats of primer and 2 coats of single color urethane paint. All painting done prior to final assembly.

AIR KNIFE SYSTEM

- Air only option available



CORPORATE HEADQUARTERS

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