

# X-VAC<sup>®</sup> HYDRO EXCAVATORS



## X-12 1450 JUST RIGHT FOR EVERY SITE



Full Access to Debris Tank



All-Weather Enclosure



Below-Grade Boom



Main Controls with E-Stop

- 12 yd<sup>3</sup> debris tank with full opening door
- 1,450 gallons of fresh water
- 5,775 CFM & 27" Hg Roots blower
- 20 GPM & up to 4,000 PSI water pump
- Optional 200 CFM @ 200 PSI air excavation system
- Optional 400,000 or 700,000 BTU boiler
- 360° coverage boom rotation
- 25' boom reach
- 15° below grade boom angle
- All-weather enclosure & water-system weatherization options
- Standard wireless controls with e-stop



# HYDRO EXCAVATORS

## X-12 1450

## STANDARD SPECIFICATIONS



### DEBRIS TANK

- 12 yd<sup>3</sup> debris tank
- Cylindrical design, A-36 steel, 50,000 psi minimum yield strength
- Directional splash shield including side shielding attached to tank
- 6" manual gate tailgate drain valve 6" male cam-lock coupler
- Hydraulically-operated rear door with 4 hydraulic wedge locks
- Dual-action hydraulic hoist cylinder for power up and down
- Tank tilts up to 45° during dump
- Limited lifetime debris tank warranty
- Available hydraulic sludge pump and tank vibrator
- Standard debris tank and tank door safety prop rods

### BLOWER

- Roots Model 827 DVJ vacuum pump capable of producing 5,775 CFM and 27" Hg
- Blower is belt driven from OMSI transfer case
- Level 5 ultra quiet inlet and outlet silencers with up & away design
- Hi-Vac standard final 85-micron blower inlet filter, removable and cleanable
- 6" air-operated vacuum relief valve

### BOOM

- Top-loading design
- 360° hydraulic rotation, 8" hose 25' reach
- Up to 15° below-grade operation
- Inlet box clean-out & inspection port

### WATER TANKS

- 3/8" thick polyethylene UV stabilized, with limited lifetime warranty
- 1,450 gallon fresh-water capacity
- 2" water fill line with anti-siphon device and a 2 1/2" coupling
- Water level shown on main and wireless remote controls
- Electronic audible/visual low-water level alarms

### WATER PUMP

- Triplex run-dry water pump, 10-20 GPM and 3,000 PSI (4,000 PSI optional)
- Pump is belt driven from OMSI transfer case
- Pressure stabilization managed through adjustable unloader valve
- Water pump controls located on both control panel & wireless remote

### HOSE REEL SYSTEM

- Spring-loaded self-returning design
- 1/2" x 75' high pressure hose
- Mounted in heated enclosure

### AIR EXCAVATION

- Optional 200 CFM @ 200 PSI
- 1" x 50' high-pressure hose

### CYCLONE SEPARATOR

- Cyclone separator with collection chamber, hopper with port for clean-out

### ENCLOSURE

- Welded construction, with heavy-duty access doors
- Standard 1" foil-backed closed-cell foam wall insulation
- Standard bus-type heater
- External top-access ladder
- 2 external and 2 internal LED work lights

### CONTROL PANEL

- Mounted on curb side of unit
- Controls located within a NEMA 4 weatherproof enclosure
- Tachometer, vac gauge, water level readout, throttle, water & vac activation, vac break, tank & tailgate movement, boom travel, optional sludge pump, debris probe, vibrator, and work lights
- Standard E-Stop

### WIRELESS REMOTE CONTROL

- Multifunction remote with back-lit LCD displays controls boom, water pump, vacuum system, and throttle
- Standard E-Stop
- In-cab charge station

### LIGHTING

- LED DOT lighting with 2-light rear module assembly, clearance lamps, reflectors, and 3-light center marker
- Control panel lights
- Optional LED arrow board top rear tank
- Optional package with dual rear strobes, front strobe, side, enclosure, rear and boom work lights
- Optional handheld LED spotlight

### STORAGE OPTIONS

- Bumper & tank door fixed tube racks
- Back of cab sliding tube rack, full dual-side access
- Left & right-side tool trays

### COLD WEATHER OPTIONS

- Webasto diesel enclosure heater
- Insulated & heated water lines, insulated enclosure roof
- 400,000 or 700,000 BTU boiler systems, diesel-fired
- 12V cold weather water recirculation system
- Antifreeze water system winterization package

### ACCESSORIES

- Standard 8" dig & extension tubes
- Optional 8" & 6" dig, extension & crown tubes, flat or ring lock
- Various lance lengths and nozzle configurations
- Standard 25' (optional 50') hydrant fill hose with storage basket
- Standard wand/lance storage rack
- Custom unit paint
- Custom side billboard panel graphics



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