



Single Engine Hydro Excavation Machine with Positive Displacement Vacuum System  
Mounted on a Heavy Duty Truck Chassis  
**#22240**

**PRODUCT DESCRIPTION**

- Hydro-Excavator - Roots 824-18" Hg. Blower, 12 Yard Debris

**STANDARD FEATURES**

- DigRight Technology
- Cylindrical Designed Debris Body, 1/4" Ex-Ten Steel
- Flat Style, 3/4 Rear Door w/Replaceable Neoprene Seal
- Hydraulic Rear Door Locking System
- Hydraulic Rear Door Open/Close System
- 8" Inspection Port w/Ladder Access
- Rear Door Support for Operator Safety
- Double Acting Dump Hoist Cylinder
- Dual Air Ports w/Dual 10" Stainless Steel Float Balls
- 1200 Gallon Insulated Polypropylene Water Tank
- Water Tank Separate from Debris Tank
- Water Tank Fill w/25' Water Hose and Connectors
- Water Level Sight Gauge, Mark-V Electronic Low Water Warning System
- 5 Year Warranty Against Leaks
- Hydraulic Operated Tri-Plex Piston Water Pump
- Water Pump On/Off Located on Wireless Control and Control Box
- Variable Pressure and Flow Achieved by Electronic-Over-Hydraulic Controls @ Operators Station
- ISO 46 Hydraulic Oil
- Handgun Hose 3/8" x 75' w/Operating Pressure of 3500 PSI
- Ultra Quiet Inlet and Outlet Silencers Acoustically Matched to Blower
- Direct Drive Omsi Transfer Case w/Air Shift
- Single Cyclonic Separator w/14" Clean Out Door
- Microstrainer Final Filter w/3" Camloc Drain
- 8" Vacuum Relief Located in the Inlet of Debris Tank.
- Wireless Remote Control for boom w/Water Pump Control, Throttle, Vacuum Relief and E-Stop. - Hand-held
- Control Panel Located Inside an Aluminum Box for Protection
- 8" I.D Wire Reinforced Rubber Suction hose
- Electric-Over-Hydraulic Boom
- Hydraulically Powered Up/Down/Left/Right/Extend/Retract Boom
- Boom Control Located at Control Panel and Hand Held Wireless Control
- All Boom Inlet Hose and Tubing will be 8" Inside Diameter
- 8" Vacuum Pipe Package with 8" Dig Tube
- Water System Digging Wand Package
- Alum. Hyd. Oil Tank W/Sight Gauge
- Entire Electrical System Moisture and Vapor Sealed
- Tow Hooks Front and Rear
- Mud Flaps
- Electronic Back-Up Alarm
- Fenders

- Manual hand pump for boom hydraulic override
- Grounding cable to tie debris body, sub frame, and chassis
- Wireless Wrist Strap Emergency Stop w/Dig Lance Tether
- Toolbox, Driver Side Chassis Frame, 48w x 20h x 30d.
- Factory Training and Start-Up
- Camera System, Rear Only
- 6" Rear Door Knife Valve w/Camloc, 6:00 position
- Hydraulic Tank Shutoff Valves
- Rear Door Splash Shield
- Remote Corded Pendant
- (4) single jet digging nozzles w/carbide inserts and (2) 3 jet digging nozzles with stainless steel inserts and flow straightener to be supplied
- LED Lights, Clearance, Stop, Tail, Turn, Backup
- (1) 50" x 30" x 30" Aluminum Toolbox Located Behind Cab for WaterPump and/or Hose Reel.
- Toolbox, Passenger Side Subframe in lieu of Tool Tray, 104w x 24h x 22d

### **ADDITIONAL FEATURES**

- Water System Rating is 20 GPM @ 3000 PSI
- 7' Telescopic Boom, 320 Deg. Rotation with Removable Turret Box
- Folding Pipe Rack, Curbside
- Folding Pipe Rack, Rear Door
- Lube Manifold
- Plastic Lube Chart
- Debris Body Vibrator, Electric
- Air Purge
- Water Heater, 800,000 BTU's
- Cold Weather Package
- Glycol Heated and Foil-Backed Closed Cell Insulated Over Fender Toolbox
- Glycol Heated and Foil-Backed Closed Cell Insulated Right-Hand Rear Toolbox
- 300 CFM Air Compressor
- 250 PSI and 110 PSI Dual Setting for Digging and Pneumatic Tools
- 1" x 25' Air Hose on Manual Extend/Spring Retract Reel
- Airspade 4000 Digging Lance w/Application Specific Digging Nozzle
- Front Station Control, Second Operator Station, Passenger Side
- Rear Directional Control, LED Arrowstick
- Rear Mounted, LED Beacon Light
- Front Mounted, LED Beacon Light
- Worklights (2), Boom
- Work Zone Lighting, (8) LED Lights
- Toolbox, Driver Side Chassis Frame, 58w x 48h x 30d, in lieu of STD. Frame Mount Pipe Storage
- Toolbox, Passenger Side Behind Tandem, 18w x 48h x 24d
- Toolbox, Driver Side Behind Tandem, 18w x 48h x 24d
- Toolbox, Driver Side Subframe in lieu of Tool Tray, 104w x 24h x 22d
- Heated Water Tank Drain Valve

### **Chassis**

Tandem Axle, 2022 Kenworth T440 SBA, 370 HP, Auto, 66,000 GVWR, GHG