

Ring-O-Matic 275

For sales contact:



Trenchless Utility Equipment Inc.
2070 Queensway Drive, P.O. Box 1338
Burlington, ON L7R 4L9
Ph: (905) 634-0669 Fax: (905) 634-6685

Engine: Briggs & Stratton / Daihatsu – 34 HP Gas or Optional Turbo Diesel 34 HP Engine, Liquid Cooled, 12 Volt Electric Start

Gas / Diesel Fuel Tank: 10 Gallon FHWA Approved Steel Fuel Tank

Collection / Vacuum Tank: Capacity is 275 Gallons. Tank has a 6” Stainless Steel ball sealing against a rubber seat to prevent water and dirt from over filling the tank. Unit is capable of unloading by pressurizing the tank to expel the spoils.

Fresh Water Tank: Capacity 100 gallons and is equipped with a 1 ½” drain valve.

High Pressure Water Pump: Cat 56R, Ceramic Pistons and Stainless Steel Springs. Electric Clutch is 12 volt rated @ 100 HP. Water Pump Flow – 5.5 GPM @ 3500 PSI when engine is running at 3000 RPM.

Unloader: Flow Range is from 1 – 21 GPM @ 800 – 4000 PSI. Pressure sensitive and will bypass when water is shut off by the gun and relieves the load off the pump. Pressure is held in the discharge line ready for a quick return to high pressure w/3 way valve. (Low pressure for injecting anti-freeze into the pump and system of water lines).

Lights: DOT approved Strobe Light with Control Switch and Dual Halogen Work Lights with Control Switch – Optional.

Low Water Alarm/Siren: Unit has a siren that will warn the operator of low fresh water level in the tank.

Blower: 450 CFM Lobe Style Blower with both Vacuum and Pressure capability. Blower operates at 450 CFM @ 15” Hg. Silencer Muffler for Noise abatement.

Filtration System: Wet / Dry Vacuum Baghouse Filtration. Removable and Washable 100% spun Fiber/Polyester media with molded urethane top easily removed for cleaning. Rated to <5 Micron filtration. Cyclonic action multi-gallon Water Trap in the bottom of Baghouse (Water released by a 3” Gate Valve)

Valves: Unit has 1 – 2 1/2” Vacuum Relief Valve with Stainless Steel Springs used to maintain a Maximum of 15” Hg. Pre-set and Locked Pressure Relief Valve is provided to maintain 5” Hg. in the Collection Tank when the Control Valve is in the Pressurized Off-Loading Position.

Operator Controls and Gauges: Lockable Curbside Diesel Engine Control Panel Console to include: Hour Meter, Keyed Starter & Engine Pre-Heater(Diesel), Water

Temperature Light, Oil Pressure Light, Alternator Light, Low Voltage Automatic Engine Shut-Off, Low Oil Automatic Engine Shut-Off, Water Pump Clutch Fused Switch, (Strobe Light Fused Switch, Dual Halogen Work Light Fused Switch - Optional), Water Pressure Gauge, Vacuum Gauge, 4-Way 4" Vac/Pressure Valve Adjustment Lever, And Water Filter Cleanout.

Dual Vacuum Ports: Each Port has a 4" Brass Gate Valve Shut-Off and is reduced to 3" Ball and Socket Hose Ends.

Rear Spoils Tank Opening: 21" Hinged Manway Equipped with 4" Brass Gate Valve Shut-Off reduced to 3" Ball, Gasket, and Secure Locking System to Allow Pressurized Offloading of the Tank.

Engine Enclosure: Sound deadening Engine Enclosure.

Hose Storage: Adequate to store 1 – 3" X 25' of Hose.

Trailer: Trailer and unit is Low Profile for roll over protection. Maximum Height is 78", Length is 168". Trailer is Single Axle with one 6000# Rubber Torsion Axle with Electric Brakes on both tires.

Tools: Machine is equipped with Patented Stainless Steel Emulsifier Gun that has a Rotary Turbo Nozzle imbedded within the cone. Gun provides a continuous revolving stream of water to cut dirt and debris into small pieces to allow simultaneous vacuum removal.

Tool Package: Includes: One 16" Lawnsweep, One Hose Reel with 50' of 4000 PSI Hose and Flexible Spray Wand with nozzle protector, One 25' of 3" Suction Hose.