



Member of:
Hydraulic
INSTITUTE

The MWI DuraFlo™ hydraulic submersible trash pumps coupled with their diesel or electric drive units are an unbeatable combination for: drying out construction excavations, quarry dewatering, bypassing sewage, general municipal use and industrial work. These units are designed and manufactured for the toughest environments with the best combination of ruggedness, reliability, performance, operational costs and initial price. Duraflos never quit – positively affecting your success and bottom line.

FEATURES

2400D Diesel Engine Drive Unit

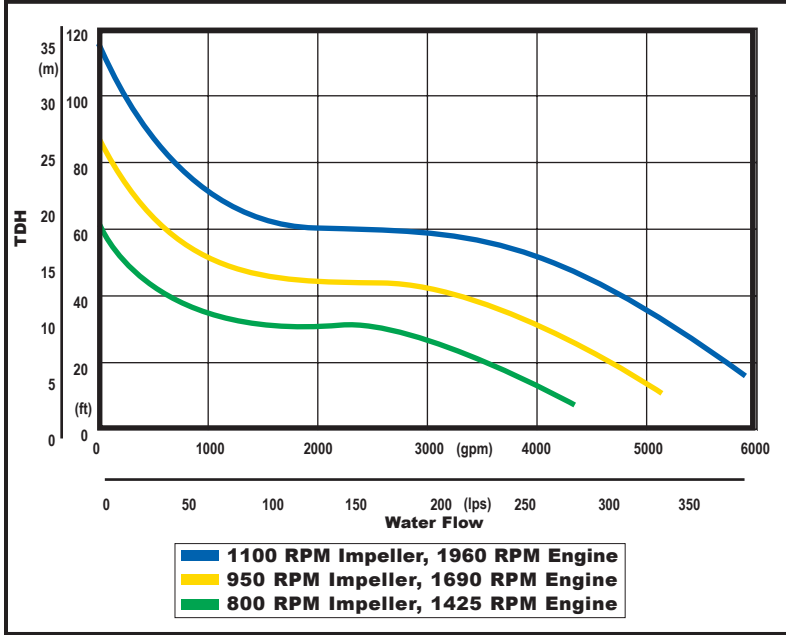
- Skid mounted unit - Standard
- Trailer mounted unit available - With optional fenders, DOT light kit and braking system
- Cat, Perkins, John Deere and Deutz engines available
- Engine and hydraulic safety shutdowns
- Integral 187 gallon diesel tank providing extended run capability
- Complete Hydraulic System with control panel, pump, filters, tank and gauges
- Small hydraulic tank reduces fluid replacement costs
- Reliable, efficient Vane Hydraulic Pump
- Environmentally friendly - Readily biodegradable hydraulic fluid available
- Unit will shut down as hydraulic fluid loss is detected
- Auto Start Stop Panel available with floats

DuraFlo™ - HTC012

- High performance
 - 5900 GPM
 - 114 Ft. TDH
- Open 3 bladed impeller for handling trash and sewage
 - Easily passes 3 1/8" solids
- Runs dry indefinitely
 - Oil lubricated seals and bearings
- Reliable, rugged Vane Hydraulic Motor
- Stainless steel shaft
- Replaceable wear plates
- Lifting point
- Cast steel volute - Weldable and shock proof
- Easy on and off hydraulic "Quick Disconnect" Fittings
- Optional mesh strainer
- Male NPT Discharge
- Vary flow by changing engine speeds

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PERFORMANCE



Materials & Specifications

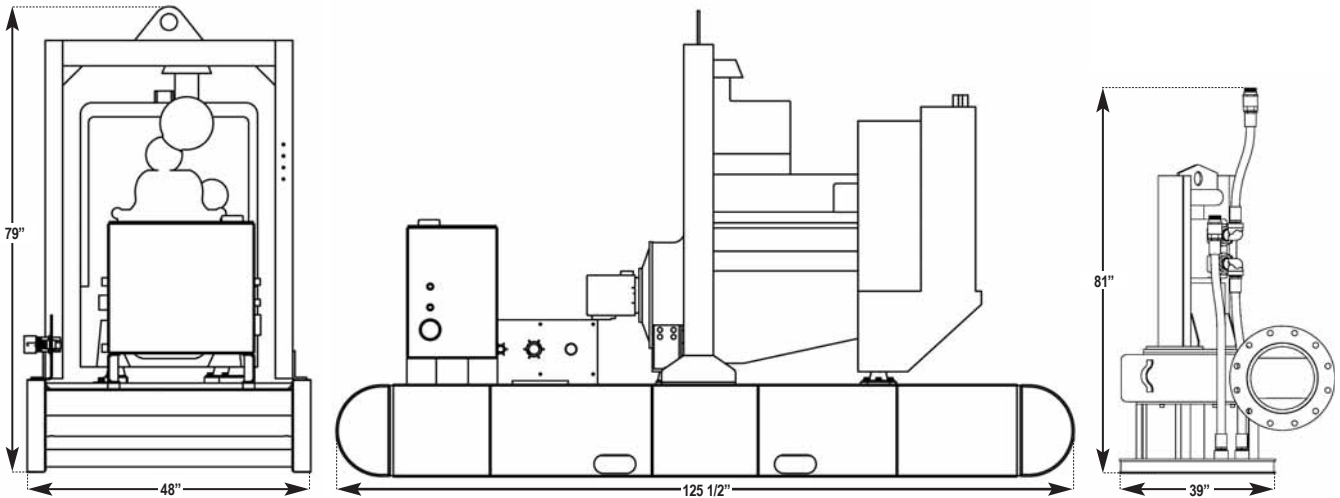
HTC012

- Hydraulic Motor - Vickers Vane Type
- Impeller - 3 bladed open - A 36 steel
- Shaft material - 300 series stainless steel
- Volute - High strength, cast steel-nautilus design
- Wear plates - A36 steel - upper and lower
- Discharge - 12" ANSI Pattern Flange
- Hydraulic quick disconnects - 1 1/2" Supply, 1 1/2" Return, 3/4" Case Drain
- Mechanical seal - Silicone carbide - Hydraulic-fluid bathed
- Bearings - Hydraulic-fluid lubricated - 50,000 hours - Minimum life.
- Weight - 1230 lbs
- Coating - MoTar Standard - Epoxy optional

2400 Drive Unit

- Diesel engine - 140 HP at 2000 RPM
- Murphy engine panel with tach, hour meter, high coolant temperature and low oil pressure shutdowns plus over speed protection.
- 187 gallon vented fuel tank with extra large filler and fuel gauge.
- 22 gallon hydraulic fluid tank
- Safety shutdowns for low hydraulic oil, excessive vacuum and high hydraulic oil temperature.
- Equipped with an internal suction strainer, return filter, external sight gauge for hydraulic oil and vented hydraulic oil filler cap.
- Hydraulic pump - Dennison Vane type
- Output - 87 GPM at 2500 psi
- Weight - 4900 lbs - skid

PHYSICAL DATA



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