

DURAFLO™ HTC012

HYDRAULIC SUBMERSIBLE TRASH PUMP AND 2400D DRIVE UNIT



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, sewage bypass, 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. These pumps never quit – positively affecting your success and bottom line.

FEATURES

Duraflo™ - HTC012

- Open 3 bladed impeller for handling trash and sewage
- Easily passes 3.125" solids
- Runs dry indefinitely with oil lubricated seals and bearings
- Reliable, rugged vane hydraulic motor
- Lifting point
- Weldable and shock proof cast steel volute
- Manufactured in the USA

2400D Diesel Engine Drive Unit

- Skid mounted unit standard
- Trailer mounted unit available with optional fenders, DOT light kit and braking system
- Engine and hydraulic safety shutdowns
- 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 - inherently biodegradable hydraulic fluid
- Auto start/stop panel available with floats
- Manufactured in the USA

APPLICATIONS

Pump & Drive Unit

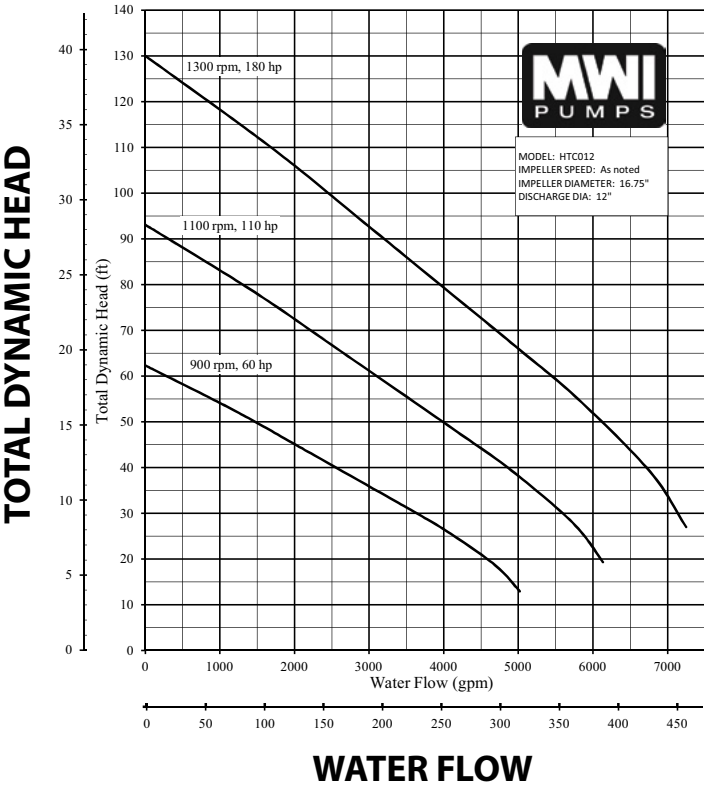
- Flood Control
- Industrial
- Bypass Pumping
- Stormwater Drainage
- Construction Dewatering
- Agriculture
- Aquaculture
- Quarries

QUICK SPECIFICATIONS

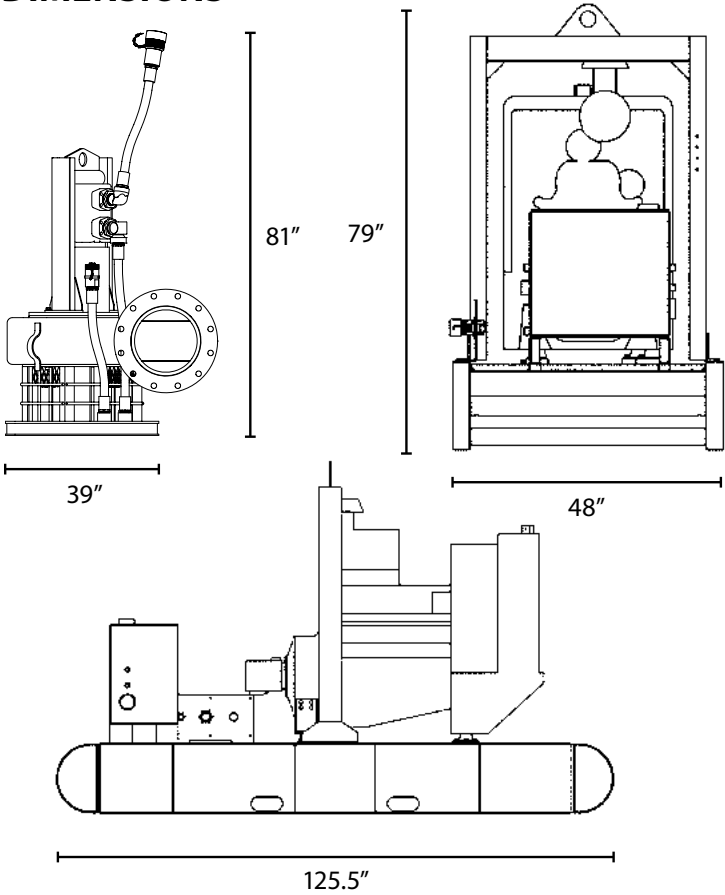
Delivery connection	12" ANSI Pattern Flange
Max capacity	7200 GPM
Max solids handling	3.125"
Max impeller diameter	16.75"
Max head (TDH)	130'
Max hydraulic system pressure	2700 PSI
Dimensions	Unit: 39 x 81" / Drive: 48 x 79 x 125.5"
Sound levels w/ enclosure	67 dBA at 7M / 23'
Max fuel consumption	8.3 gal/hr at 156 HP; 22.3 hr run time



PERFORMANCE CURVE



DIMENSIONS



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MATERIALS & SPECIFICATIONS

DURAFLO™ HTC012

Hydraulic motor	Vane type
Impeller	3 Bladed open - A36 steel
Shaft material	300 Series stainless steel
Volute	High strength, cast steel-nautilus design
Wear plates	A36 Steel - upper and lower
Delivery connection	12" ANSI Pattern Flange
Hose ports	1.5" Supply, 1.5" return, .75" case drain
Mechanical seal	Silicone carbide - hydraulic-fluid bathed
Bearings	Hydraulic-fluid lubricated - 50,000 hrs minimum life
Weight	1230 lbs
Coating	Epoxy

2400D DRIVE UNIT

Engine	John Deere 6068HF285
Engine power	156 HP
Control panel with safety shutdowns	Including tach, hour meter, high coolant temperature and high/low oil pressure/temperature, excessive vacuum shutdowns plus over speed protection
Fuel tank	187 Gallon vented fuel tank with extra large filler and fuel gauge
Fluid tank	22 Gallon hydraulic
Equipped standard	Internal suction strainer, return filter, external sight gauge for hydraulic oil and vented hydraulic oil filler cap
Hydraulic oil	AW 68
Weight	4900 lbs (skid)