

PRIMERITE™ CT012P

12" X 12" AUTOMATIC DRY SELF-PRIMING TRASH PUMP



APPLICATIONS

Construction
Dewatering

Sewage Bypass

Flood Drainage

Mining/Quarries

Municipal

General Industrial

The Primerite™ is the perfect pump for contractors, pump rental companies, mining operators and general industrial or municipal use. The pump's oil-filled bearing box and a mechanical seal in an oil bath enable it to run dry all day long for up to 24 hours, making it the right choice for handling inconsistent flows found in sewage bypass pumping and job site dewatering. Units are completely self contained in either skid or trailer configurations with integral lifting bail, tie downs and fuel tank.

FEATURES

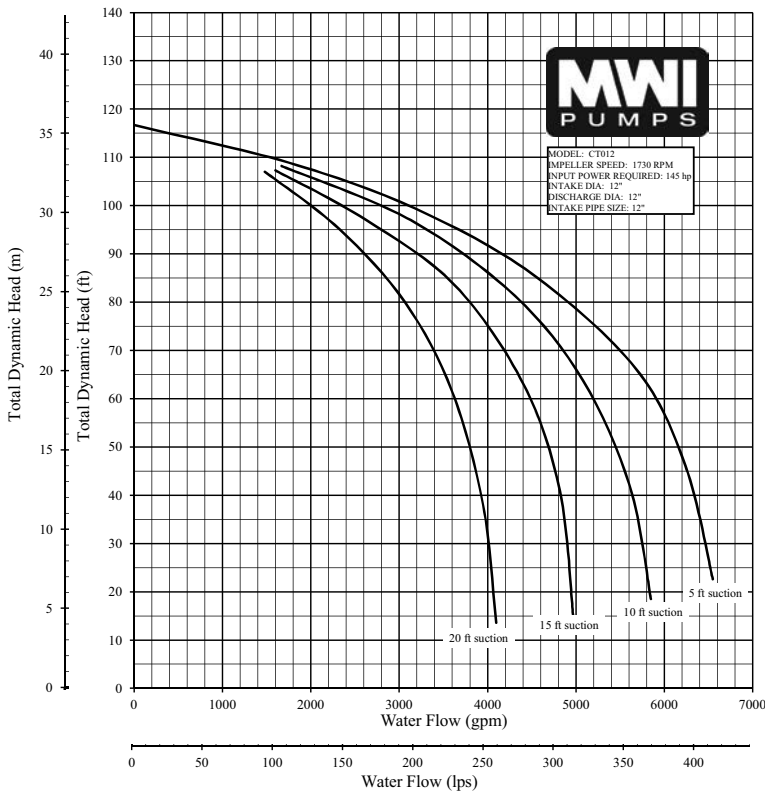
- "Enviro-Safe" priming system, designed for no product leakage
- Vacuum & discharge pressure gauge
- Lockable fuel cap
- Forklift slots (skid models)
- Manufactured in the USA
- Solids handling to 3 1/8"
- Integral 198 gallon fuel tank with gauge
- Skid or optional trailer-mounted
- Torsion bar axle
- DOT light kit available
- Hydraulic surge brakes standard, electric brakes available
- Front and rear stabilizing jacks
- 3" Lunette ring for pintle hitch – Other options available
- Engines – Caterpillar, Perkins, John Deere and Deutz available
- Heavy-duty truck tie downs
- Lifting bail
- Flexible flywheel coupling
- Volute drain
- 12" ANSI Pattern flanges – Suction and discharge
- Optional float activated, auto start/stop controls

QUICK SPECIFICATIONS

Suction connection	12" 150# ANSI B16.5
Delivery connection	12" 150# ANSI B16.5
Max capacity	6500 GPM
Max solids handling	3 1/8"
Max impeller diameter	13.8"
Max operating temp	176°F
Max working pressure	50 psi
Max suction pressure	58 psi
Max casing pressure	74 psi
Max operating speed	1730 rpm



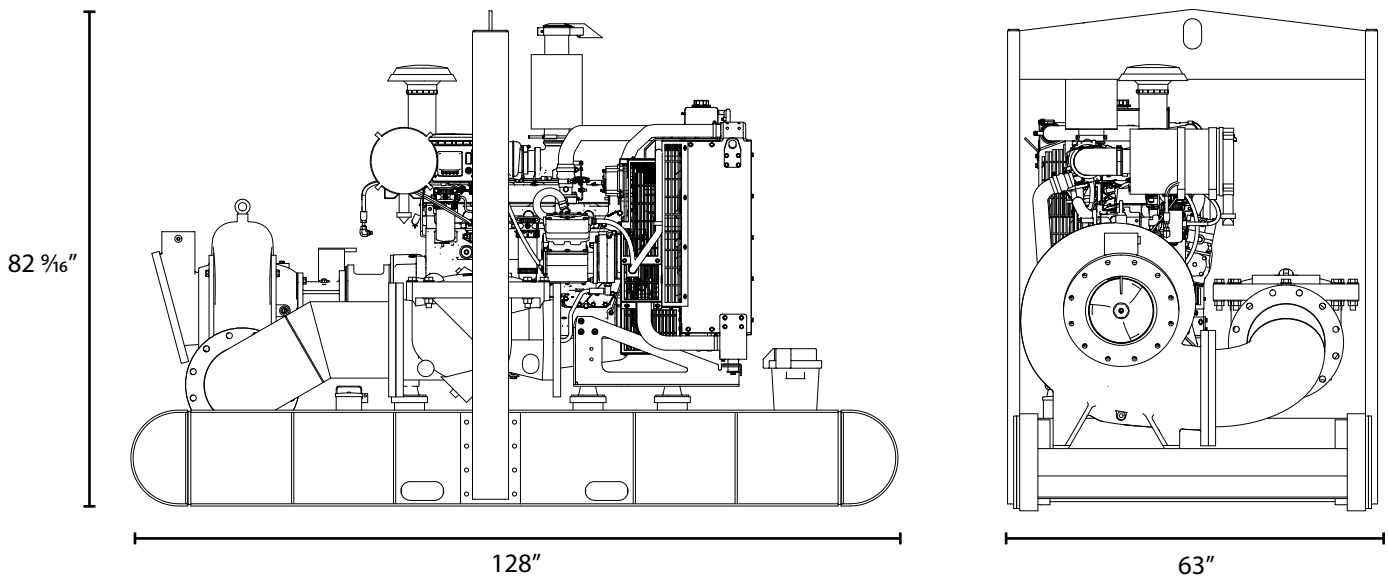
PERFORMANCE CURVE



MATERIALS & SPECIFICATIONS

Impeller and wear plates	Abrasion resistant materials
Pump casing	High-grade, spheroidal graphite (ductile) cast iron
Pump shaft	Heat treated 1045 steel
Compressor	Engine-driven, oil lubricated and water cooled
Priming assembly	Stainless steel venturi
Control panel	Tach and hour meter, including shutdowns for low oil pressure, high coolant temperature and overspeed
Discharge non-return valve	Val-matic swing flex check valve
Mechanical seal	Stainless steel with silicon carbide faces
Weight of trailer mounted unit	7500 lbs (dry)

DIMENSIONS



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