

PRIMERITE™ CT008

8" X 8" AUTOMATIC DRY SELF-PRIMING TRASH PUMP



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. This pump is completely self contained in either skid or trailer configurations with integral lifting bail, tie downs and fuel tank.

FEATURES

- Primes and reprimers automatically
- Solids handling up to 3.125"
- Engine driven compressor
- Vacuum and discharge pressure gauge
- Lockable fuel cap
- Forklift slots (skid models)
- Torsion bar axle
- Integral 94 fuel tank with gauge
- Skid or optional trailer-mounted
- 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
- Lifting bail

APPLICATIONS

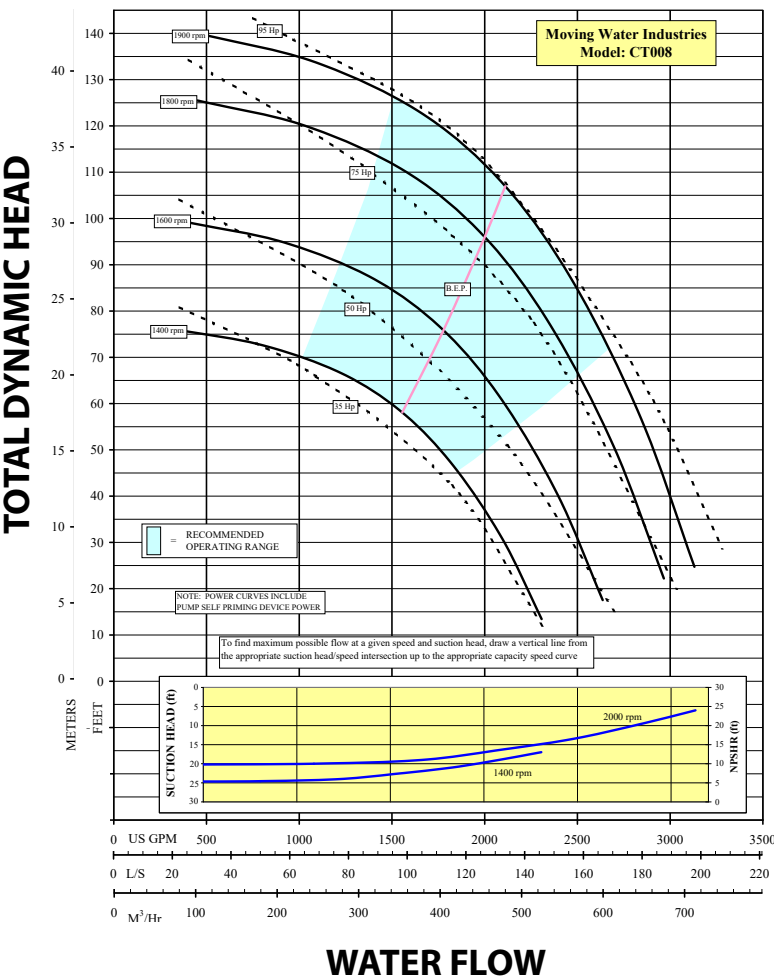
- Volute drain
- Heavy-duty truck tie downs
- Engines – Caterpillar, Perkins, John Deere and Deutz available
- Flexible flywheel coupling
- 8" ANSI Pattern flanges – Suction and discharge
- Optional float activated, auto start/stop controls
- Manufactured in the USA
- Construction Dewatering
- Sewage Bypass
- Flood Drainage
- Mining/Quarries
- Municipal
- General Industrial

QUICK SPECIFICATIONS

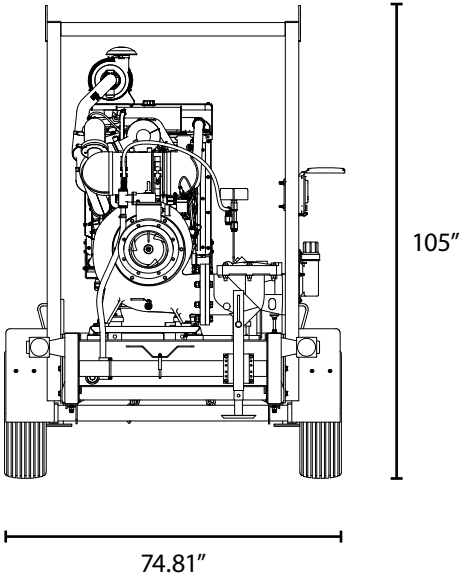
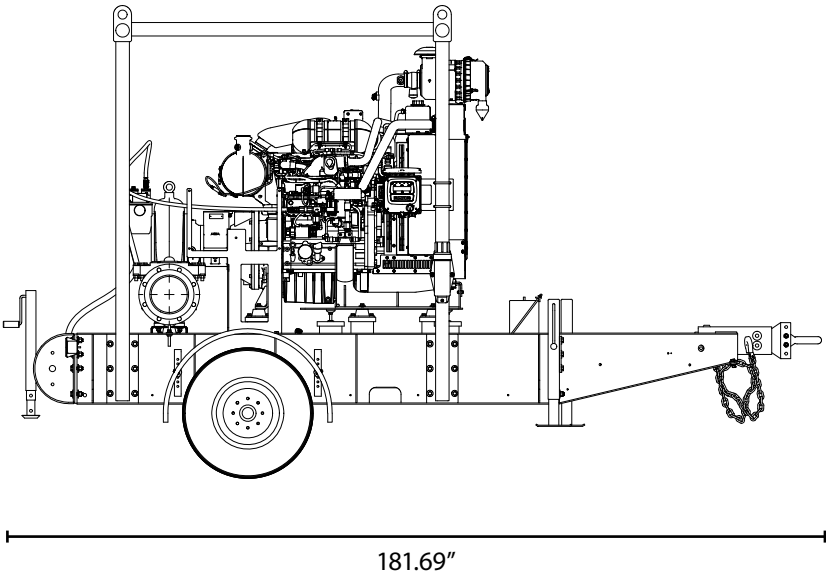
Suction connection	8" 150# ANSI B16.5
Delivery connection	8" 150# ANSI B16.5
Max capacity	3750 GPM
Max solids handling	3.125"
Max impeller diameter	12.2"
Max head (TDH)	140'
Max operating speed	1900 RPM
Max suction lift	24'
Dimensions	74.81 x 105 x 181.69"
Sound levels w/ enclosure	67 dBA at 7M / 23'
Max fuel consumption	At 75 HP; up to 24 hr run time



PERFORMANCE CURVE



DIMENSIONS



MATERIALS & SPECIFICATIONS

Standard engine	John Deere 4045HF280 (Caterpillar, Perkins, John Deere and Deutz available)
Max HP	99 HP
Fuel capacity	94 Gal
Drive type	Flywheel direct drive flexible element
Impeller	CA-40 Corrosion resistant iron/chromium alloy
Volute	Ductile cast iron ASTM A536 grade 70-50-05
Pump shaft	1045 Steel; Stainless steel option
Compressor	Engine-driven, oil lubricated and water cooled
Priming assembly	304 Stainless steel venturi
Control panel	Tach and hour meter, including shutdowns for low oil pressure, high coolant temperature, Plug-N-Play and float-ready
Discharge non-return valve	Swing flex check valve ASTM A536 grade 65-45-12
Mechanical seal	Stainless steel with silicon carbide faces; Buna elastomers
Weight of trailer mounted unit	Skid: 3800 (dry) / 5150 lbs (wet) Trailer: 4800 (dry) / 6150 lbs (wet)

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