



PrimeRite™ CT006

6" x 6" Automatic Dry Priming 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 CT006 is capable of flow rates up to 2450 GPM, total dynamic heads to 145' and solids handling to 3".

The PrimeRite's™ oil-filled bearing box and a mechanical seal in an oil bath enable it to run dry all day long, 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.

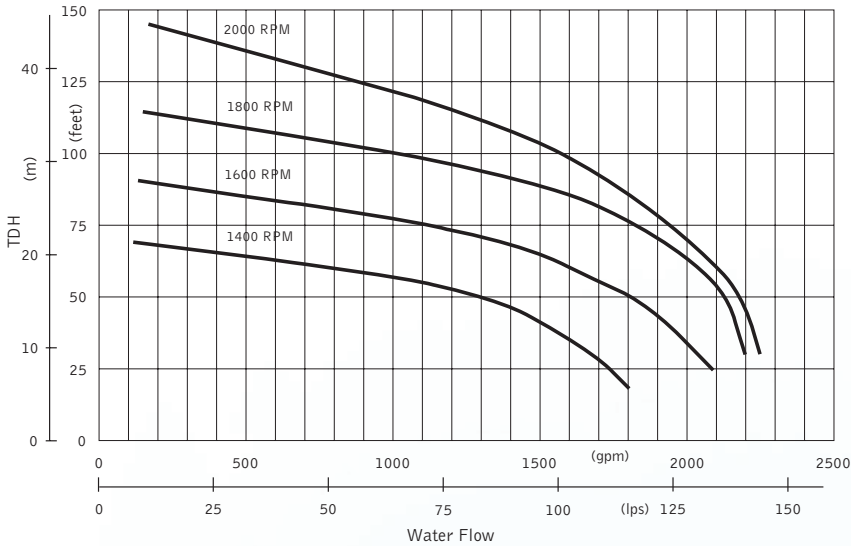
FEATURES

- Primes and reprimed automatically
- Belt drive compressor is water cooled and oil lubricated - engine driven compressor available with some engines
- Vacuum & discharge pressure gauge
- Lockable fuel cap
- Forklift slots (skid models)
- Integral 78 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
- Heavy-duty truck tie downs
- Lifting bail
- Engines - Caterpillar, Perkins, John Deere and Deutz available
- Flexible flywheel coupling
- Volute drain
- 6" ANSI Pattern Flanges – Suction and discharge
- Optional float-activated, Auto Start/Stop controls



*Required for highway use

CT006 MULTI-SPEED PERFORMANCE CURVES



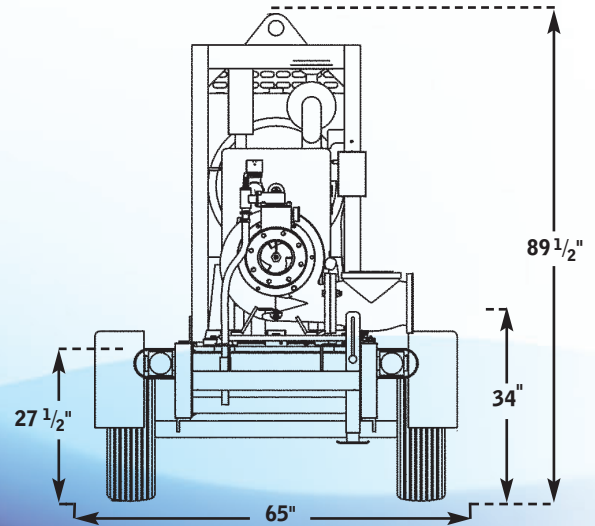
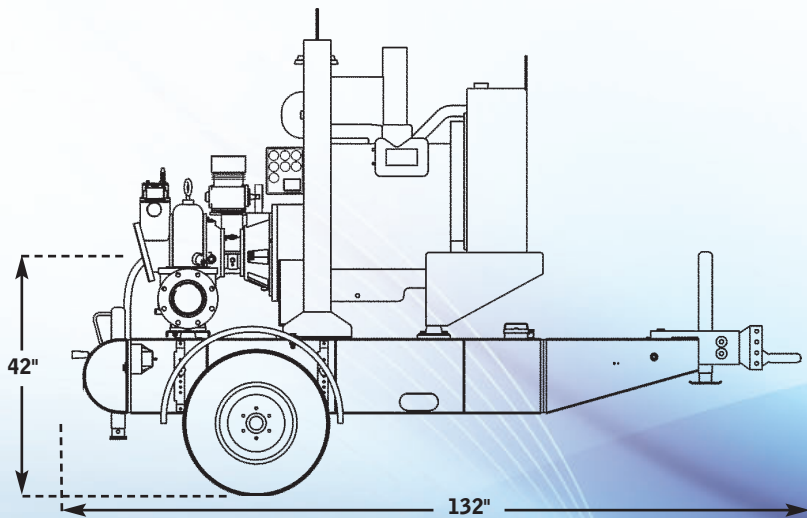
Pump performance shown is based on 5' suction lift. The use of 8" suction piping is necessary to produce maximum flow rates.

SUCTION LIFT PERFORMANCE DATA

Suction Head (Feet)	TDH - (Feet)			
	40	60	80	100
	GPM			
10	1910	1720	1550	1295
15	1625	1500	1290	1120
20	1430	1300	1085	980
25	1190	1090	960	865

MATERIALS & SPECIFICATIONS

- Impeller and Wear Plates: Abrasion-resistant materials
- Pump casing: High-grade, spheroidal graphite (ductile) cast iron
- Shaft: Heat treated 1045 steel
- Engine: Diesel engine rated at 62 net continuous HP at 1800 RPM
- Compressor: Belt-driven, oil lubricated and water cooled or engine mounted (optional with some models)
- 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: 3700 lbs (dry)



MWI Corp. PrimeRite™ is a registered trademark. Copyright 2010. All rights reserved. Designs and specifications may change due to continual improvement of our products. P0610

Moving Water Worldwide Reliably and Efficiently

201 N. Federal Highway Deerfield Beach, Florida 33441 USA
Phone: (954) 426-1500 Fax: (954) 426-1582 E-mail: info@mwicorp.com www.mwipumps.com