



PrimeRite™ CT008

8" x 8" 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 CT008 is capable of flow rates up to 3600 GPM, total dynamic heads to 170' and solids handling to 3 1/8".

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.

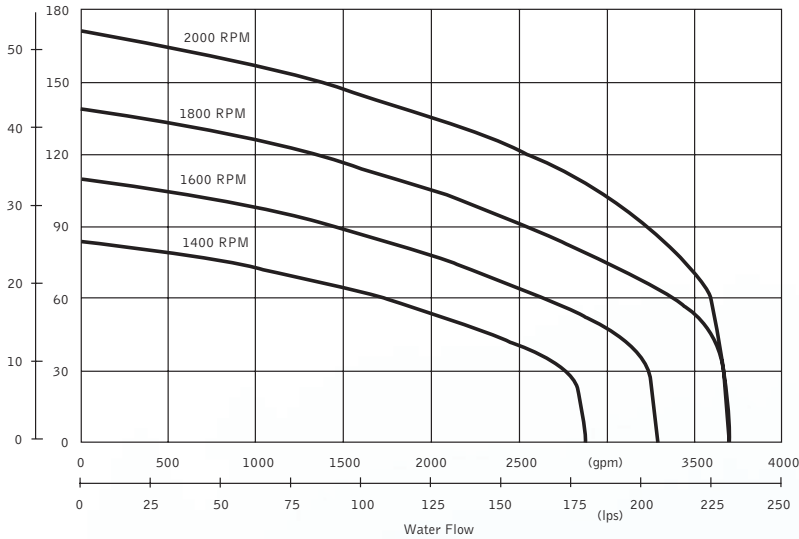
FEATURES

- Primes and reprimed automatically
- Belt driven 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 94 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
- 8" ANSI Pattern Flanges – Suction and discharge
- Optional float-activated, Auto Start/Stop controls



*Required for highway use

CT008 MULTI-SPEED PERFORMANCE CURVES



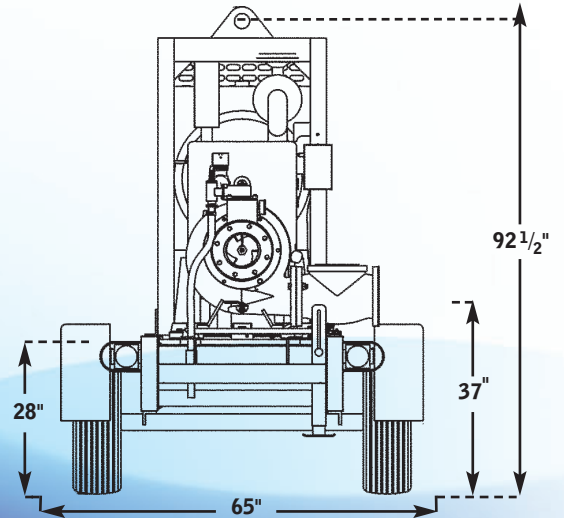
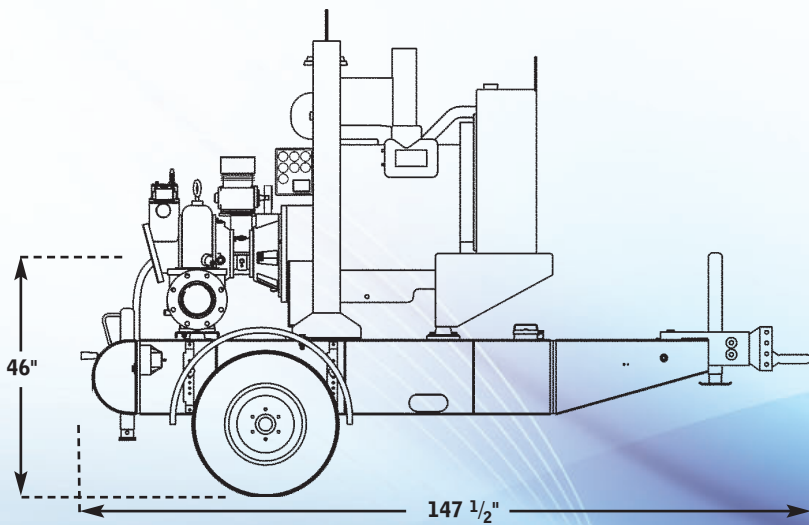
For pump performances above 1800 RPM, a higher horsepower engine is required. Pump performance shown is based on 5' suction lift. The use of 12" suction piping is necessary to produce maximum flow rates.

SUCTION LIFT PERFORMANCE DATA

Suction Head (Feet)	TDH - (Feet)			
	40	60	80	100
	GPM			
10	3050	2840	2565	2180
15	2640	2490	2315	2010
20	2260	2160	2030	1825
25	1910	1835	1740	1633

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 75 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: 3900 lbs (dry)



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Moving Water Worldwide Reliably and Efficiently

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