

PUMP FEATURES

- Most flexible pumpset in the industry – handles raw sewage, slurries, well-point dewatering and liquids with solids up to 3" diameter.
- Patented, dry running vacuum pressure seal allows for continuous dry running periods and inexpensive field replacement.
- Sykes Univac patented vacuum priming system, with back flush system to allow clearing of suction pipe with the push of a lever.
- Mounted into a two-wheel highway trailer system, pumpset can be converted to a skid in minutes.
- Self-contained fuel tank, allows 28 hours of operation between refueling.
- Close coupled centrifugal pump with vacuum priming system mounted to a diesel engine. Also available in electric drive or as a bare shaft pump end.
- Standard engine – Caterpillar C2.2T4F. Other engine configurations may be available.
- Engine enclosure available.

The Sykes AmeriPumps GP100 automatic priming centrifugal pump is the world standard for temporary low volume pumping, with over 160 years of heavy duty pump manufacturing experience behind it. The GP100 is one pump that can perform the work of three, excelling equally in sewer by-pass, well-point and horizontal sock dewatering, and general dewatering.

The Sykes Univac vacuum system allows the GP100 to prime and re-prime automatically, to operate with the suction intake intermittently exposed to atmosphere, and to run dry for indefinite periods of time without harm to the pump. With capacity to handle solids up to 3", maximum flows of 1700 gpm, and up to 170 ft of dynamic head, the GP100 is the most versatile pump available in it's class.



GP 100

GP100 SPECS

Performance

- Maximum Flow - 1700 GPM (gallons per minute)
- Maximum Suction Lift - 28 Ft
- Maximum Discharge Head - 170 Ft
- Maximum Particle Size - 3 inches

Pipe Connections

- 4" or 6" Table D Suction
- 4" or 6" Table D Discharge
- Bauer or Camlock couplings optional

Weight (Typical)

- 3250 lbs (full of fuel)

Fuel Tank

- 66 Gallons or 28 hour + runtime
- Cleaning and flushing facilities

Engine

- Caterpillar C2.2T4F
- 49 HP @ 1800 RPM

Priming System

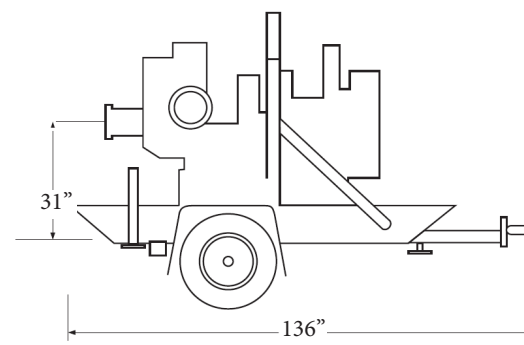
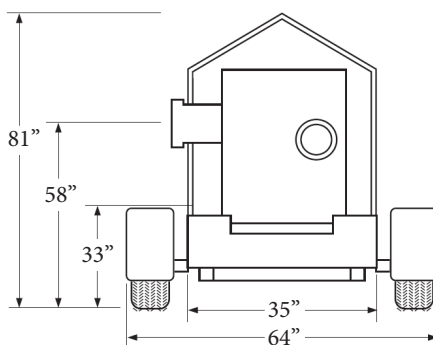
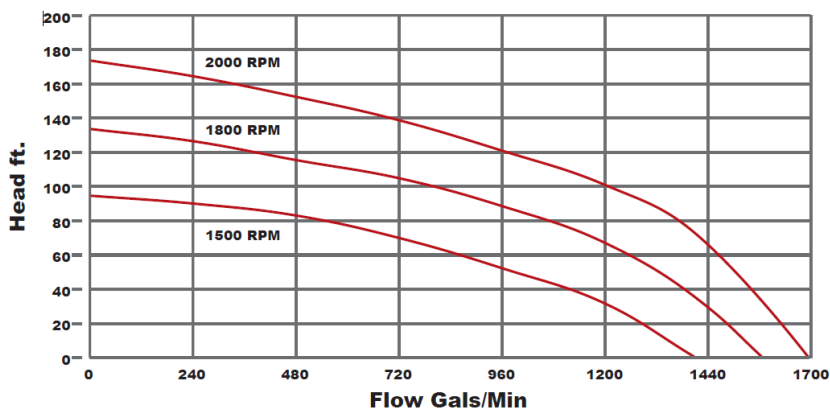
Flood lubricated rotary vacuum pump of minimal displacement 60 CFM incorporating non-return valve

Shaft Seal

- Sykes patented vacuum/pressure seal
- Single ring of packing
- Spring loaded
- No adjustment necessary
- Chrome oxide coating on wear ring



PERFORMANCE CURVE



GP 100