

GP300

The Sykes AmeriPumps GP300 automatic priming centrifugal pump is the world standard for high volume pumping.

Excelling in high suction lift sewer by-pass and straight dewatering, the Sykes GP300 maintains unmatched performance in its class. The GP300 uses a non-clog impeller to give superior head performance, suction lift, head pressure; all with the ability to handle up to three inch solids. With performances that give maximum flows of over 5500 gpm and head pressure up to 325 ft, the GP300 sets the bar for performance of 12" pumps.

Features

- 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.
- Skid Mounted pumpset
- Self-contained fuel tank, allows more than 24 hours of operation between refueling.
- Dry running seal allows for continuous dry running periods and easy, inexpensive field replacement.
- Standard engine – Caterpillar C7. Other engine configurations may be available.
- Handles raw sewage, slurries, and liquids with solids up to 3" diameter.
- Sykes Univac patented vacuum priming system, with back flush system to allow clearing of suction pipe with the push of a lever.



GP300 Performance Curve

Performance

- Maximum Flow - 5500 GPM
- Maximum Discharge Head - 325 Ft
- Maximum Particle Size - 3 inches

Pipe Connections

- 12" Table D Suction
- 12" Table D Discharge
- Bauer Type couplings optional

Weight (Typical)

- 9800 lbs (full of fuel)

Fuel Tank

- 245 Gallons Capacity
- 24 hour + runtime
- Cleaning and flushing facilities

Engine

- Standard Caterpillar C7
- 250 HP @ 2200 RPM

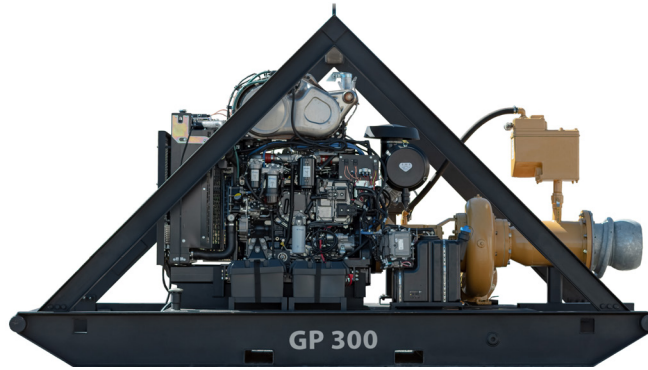
Priming System

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

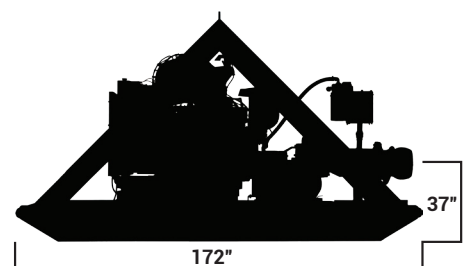
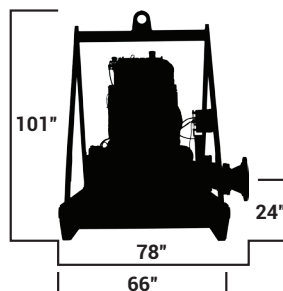
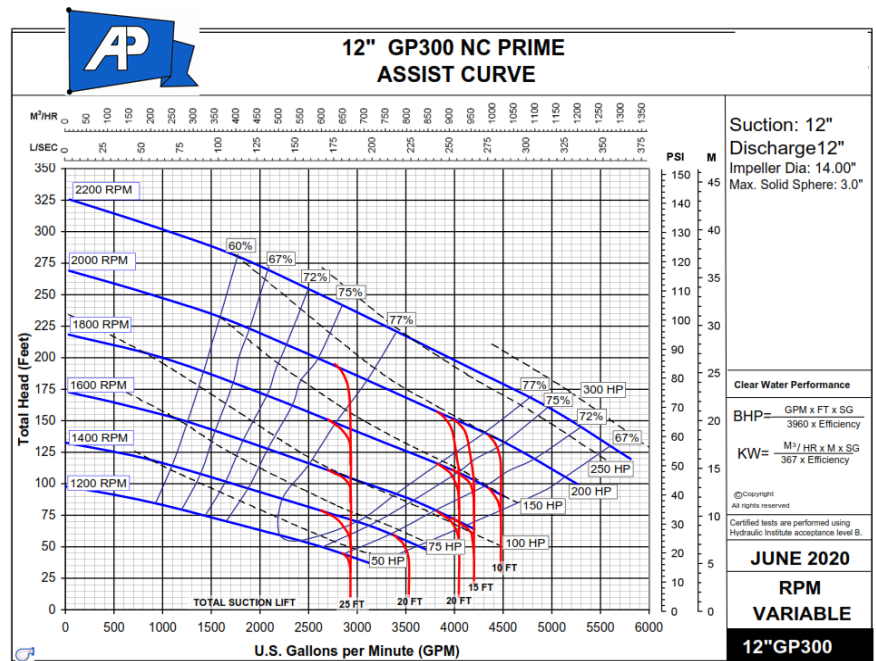
Shaft Seal

- Sykes Univac System
- Vacuum Pressure Seal
- Easy repacking
- Chrome oxide coating on wear ring

The Sykes Univac pump has evolved from over 160 years of heavy duty pump manufacturing to be the industry standard for general purpose dewatering, sewer by-pass, and well-point dewatering.



PERFORMANCE CURVE



AmeriPumps
www.ameripumps.com

GP 300