Fast Flow’s patented double suction technology produces superior flow rates and high head pressures. It is the only line of submersible pumps with no mechanical seals and no internal friction allowing the pump to run dry or cavitate. The high efficiency hydraulic motors have several advantages over electric submersibles.

**Features**

- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Run Dry Technology
- Variable Speed & Flow
- Small Portable Size
- Advanced Metallurgy
- NO Mechanical Seals
- NO Internal Friction
- Low Maintenance Design
- Twin Shaft Bearings for Long Life
- Designed for Solids & Slurry Jobs
- No shaft couplings, fewer parts
- Larger 1.5” Shaft with 17.4 material upgrade

**Fast Facts**

- Weight: 131lb (59kg)
- Max Water Flow: 1000GPM (227m³/h)
- Max Vertical Head: 195 Feet (59m)
- Operating PSI: 2000-3000 PSI (138-206 Bar)
- Hydraulic Flow: 4 to 30 GPM (15-113lpm)
- Power Source: Hydraulic Driven
- Material: Ductile Iron
- Discharge: 4” Male Cam Lock
- Dimensions: 22”x17”x15”(55cm x 43cm x 38cm)
- Hydraulic Oil: AW-32 or AW-46
- Frame: 316 L, 1/4” Plates

**Competitive Advantages**

- Heat treated cast pump housing for long life
- Lighter than other submersible pumps
- Aluminum or stainless steel frame available
- Cost effective compared to other pumps
- Simple design allows for easy servicing
- Field service in under an hour
- Pumps 100 barrels of 15lbs (6k) drill mud in 9 min
- Easily field repairable by any mechanic
- Minimizes costly pump repairs
- Anti-clog double suction technology
- Pumps heavy oilfield drill mud & solids

USPTO # 8,152,443 • 7,442,003 • 6,942,448 • 10,138,891
Fast Flow Applications

4” Ductile Iron Compression Shaft SS Pump Curve

Vertical Feet (Meters) of Head

GPM (m³/h) Pumping Water

Applications

Drill rig well cellar pumping
Solids slurry pumping
Refinery tank clean out
Heavy solids pumping
Oilfield applications
Disaster response
Reserve pit pumping
Oil spill clean up
Barge pumping
Sewage pumping
Irrigation systems
Salvage jetting and pumping
Agriculture pond pumping
Coal mine pumping
Frac tank cleaning

Heavy crude pumping
Paraffin crude pumping
Diesel and jet fuel pumping
Oil well blowout cleanup
Drill mud mixing/ pumping
Water pumping
Charge pump
Vacuum truck assist
Fly ash pumping
Pit dewatering
Directional drilling
Construction dewatering
Floodwater abatement
Utility break locations
Vessel dewatering

Fast Flow, LLC and Fast Flow Pumps manufactured pumps are protected under: 35 U.S.C., 37 C.F.R. and 18 U.S.C. Fast Flow, LLC and Fast Flow manufactured pumps are covered by one or more of the following patents:

United States Patent Number(s): 6,942,448; 7,442,003; 8,152,443; 10,138,891; Other Patents pending approval. Pump curve & capacities represent the pump moving water at an elevation of sea level. Many variables can affect actual pumping performance.