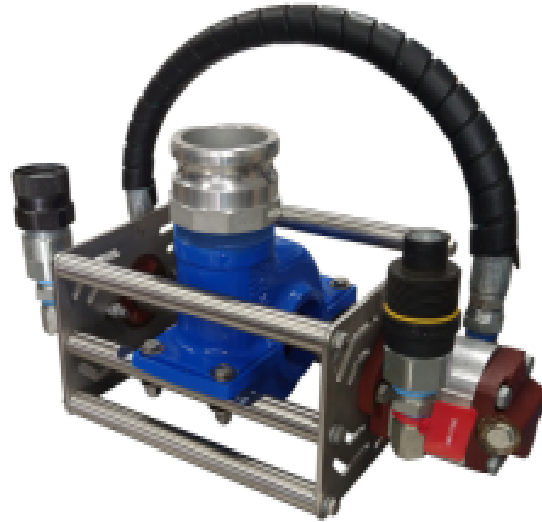


The only submersible pump with no mechanical seals, no wear plates, no internal friction and no shaft bearings.  
Truly run dry technology.

## Features

- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Run Dry Technology
- Variable Speed & Flow
- Small Portable Size
- Heavy Solids Pump
- Fits in Manhole
- NO Internal Friction
- NO Mechanical Seals
- NO Shaft Bearings
- Explosionproof



## Model FF-3D-TM

The Fast Flow 3" Twin Motor Pump is designed for tank cleaning where portability in confined space entry is difficult. Process tanks, frac tanks, and barges all contain abrasive solids that the Fast Flow Pumps are specifically designed to handle. Two efficient hydraulic gear motors are self lubricated and specifically engineered to keep contaminants out. There are absolutely no mechanical seals, no wear plates and no shaft bearings. Handles low level cavitation without damage.

3" DUCTILE IRON TWIN MOTOR PUMP

## Competitive Advantages

- Designed for severe service applications
- Handles abrasive solids pumping applications
- Pump 20lb (9kg) per gallon (3L) oilfield slurries
- Anti-clog twin motor, double suction technology
- Lightweight and portable at 70LBS (31kg)
- Durable ductile iron for long life
- Proven reliable design
- Cost effective compared to other pumps
- Field service in under an hour
- Features top lifting ring and debris cage
- Optional high strength twin agitators available
- Twin hydraulic motors self lubricate

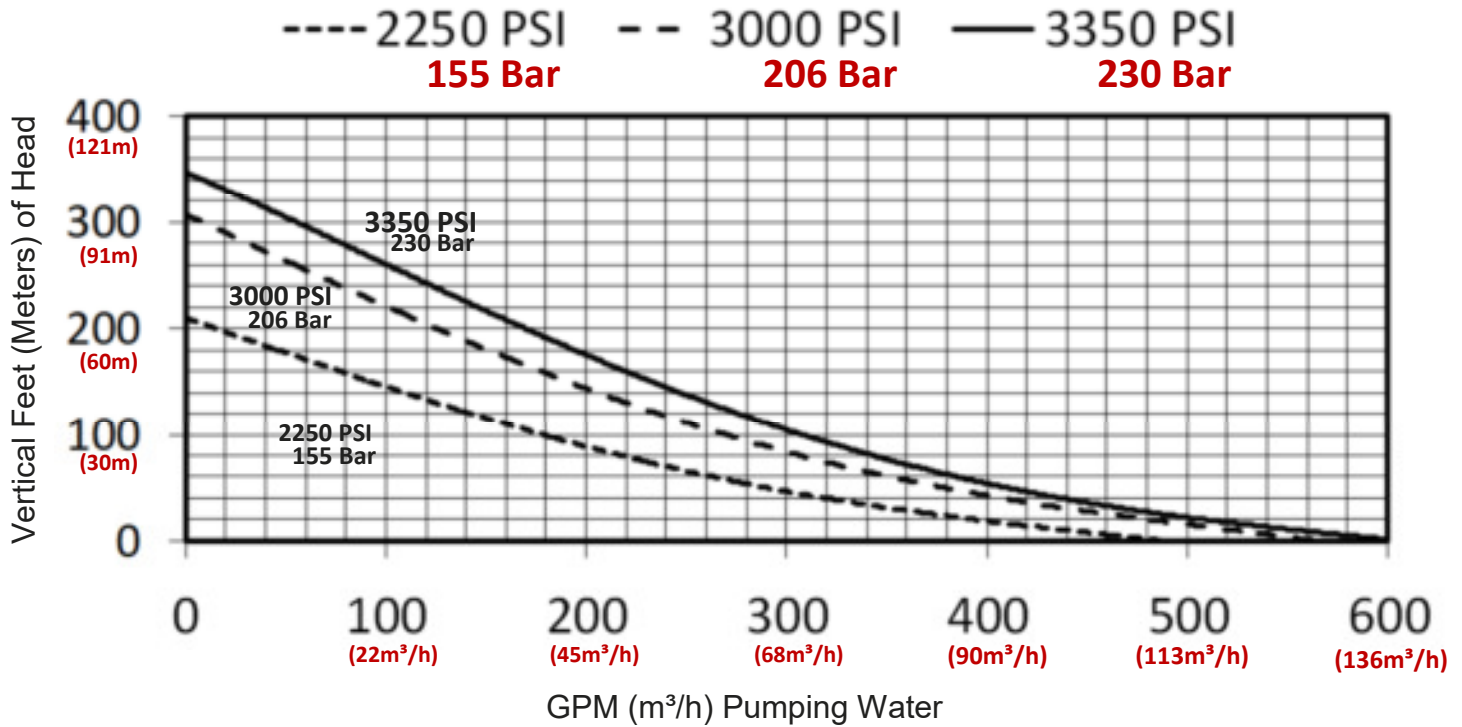
## Fast Facts

Weight:	78lb (35kg)
Max Water Flow:	600GPM (2271 LPM)
Max Vertical Head:	300 Feet (91m)
Operating PSI:	1500-3000 PSI (103-206 Bar)
Hydraulic Flow:	5 to 20 GPM (18-75 lpm)
Power Source:	Hydraulic Driven
Material:	Ductile Iron
Discharge:	3" Male Cam Lock
Dimensions:	21"x10"x12"(53cm x 25cm x 30cm)
Hydraulic Oil:	AW-32 or AW-46



# Fast Flow Applications

## 3" Ductile Iron Twin Motor Pump Curve



## Applications

- Slurry solids pumping
- Refinery coke pit pumping
- Oil rig well cellar pumping
- Sewage solids pumping
- Clarifier and Pit Solids pumping
- Petroleum tank cleaning
- Oil spill response
- Barge cleaning
- Paraffin crude pumping
- Refinery tank clean out
- Frac tank cleaning
- Confined space entry cleaning
- Wash down pumping
- Forestry fire systems
- Irrigation systems
- Disaster response
- Contaminated waste pumping

- Mud slurry pumping
- Rail car cleaning
- Diesel and jet fuel pumping
- Oil well blowout cleanup
- Drill mud preparation
- Water pit pumping
- Vacuum truck assist
- Fly ash pumping
- Pit dewatering
- Directional drilling
- Construction dewatering
- Floodwater abatement
- Utility break locations
- Vessel dewatering
- Water pumping
- Salvage jetting operations
- Agriculture pond aeration

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.