

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

Features

- Designed for Severe Service
- NO Mechanical Seals
- NO Shaft Bearings
- NO Internal Friction
- Run Dry Technology
- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Variable Speed & Flow
- Small Portable Size
- Slurry and Solids Pumping
- Fits in Manhole
- Effective Small Dredge Pump
- Twin Mechanical Agitators



Model FF-3D-TA

The Fast Flow 3" Severe Service Pump is built to be a survivor. All critical components of the pump are upgraded: including a heat-treated ductile iron impeller and volutes, hardened 17-4 drive shaft, and stainless couplings. The two efficient hydraulic gear motors are self lubricated by the hydraulic fluid powering the pump. The pump's twin motor design completely eliminates the need for shaft bearings.

Competitive Advantages

- Designed for severe service applications
- Handles abrasive solids pumping applications
- Pump 20 pound per gallon oilfield slurries
- Lightweight and portable at 72 LBS
- Durable ductile iron for long life
- Aluminum or stainless steel frames available
- Field service in under an hour
- Features top lifting ring and debris cage
- Optional high strength twin agitators
- Twin hydraulic motors self lubricate

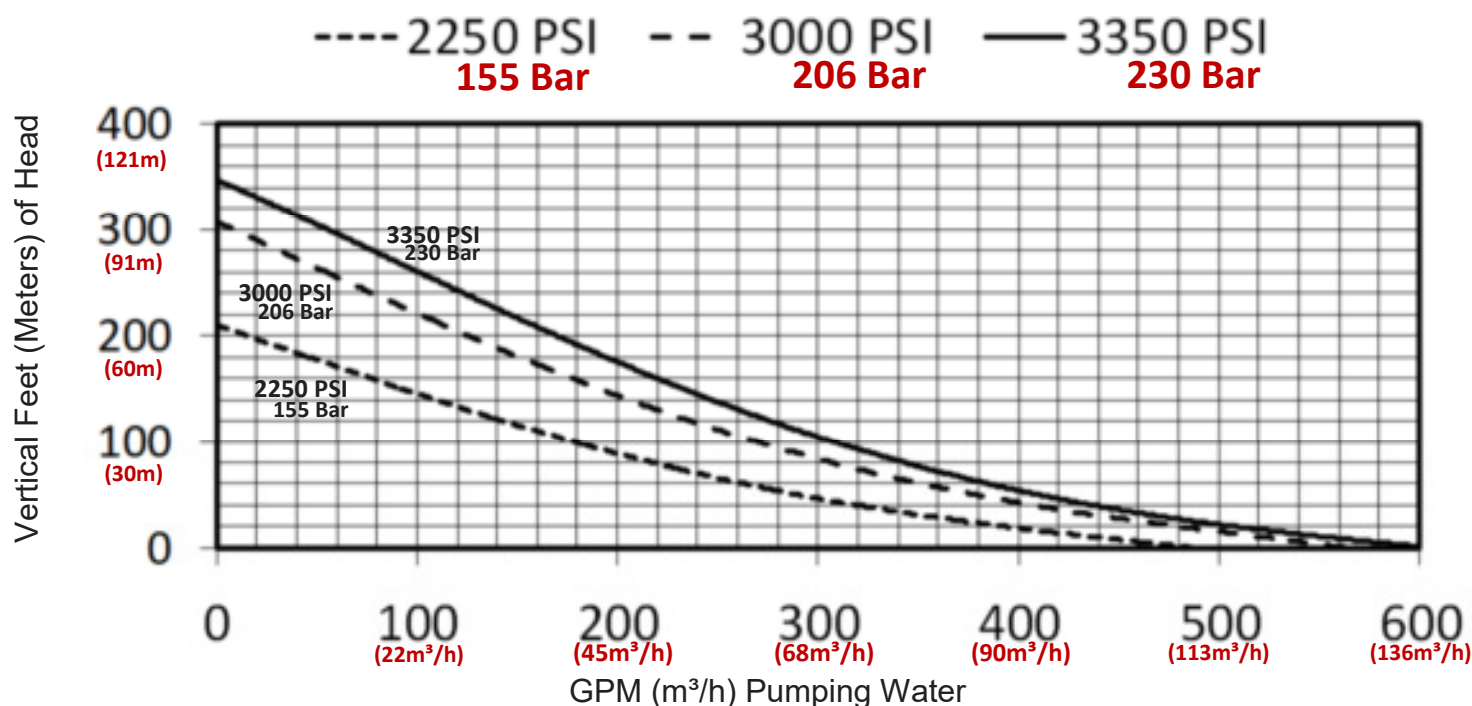
Fast Facts

Weight:	72lb (32.6kg)
Max Water Flow:	600GPM (2271 LPM)
Max Vertical Head:	350 Feet (106m)
Operating PSI:	2250-3300 PSI (155-227 Bar)
Hydraulic Flow:	4 to 20 GPM (19-75 lpm)
Power Source:	Hydraulic Driven
Material:	Ductile Iron
Discharge:	3" Male Cam Lock
Dimensions:	29"x10"x12"(74cm x 25cm x 30cm)
Hydraulic Oil:	AW-32 or AW-46



Fast Flow Applications

3" Twin Motor Twin Agitator Pump Curve



Applications

Slurry solids pumping

Refinery coke pit pumping

Oil rig well cellar pumping

Refinery tank clean out

Mud slurry pumping

Reserve pit pumping

Petroleum tank cleaning

Oil spill response

Barge cleaning

Heavy crude pumping

Paraffin crude pumping

Frac tank cleaning

Confined-space entry cleaning

Well cellar pumping

Wash down pumping

Forestry fire systems

Sewage solids pumping

Irrigation systems

Disaster response

Contaminated waste pumping

Salvage jetting operations

Agriculture pond aeration

Coal mine dewatering

Rail car cleaning

Diesel and jet fuel pumping

Oil well blowout cleanup

Drill mud preparation

Vacuum truck assist

Fly ash pumping

Pit dewatering

Directional drilling

Construction dewatering

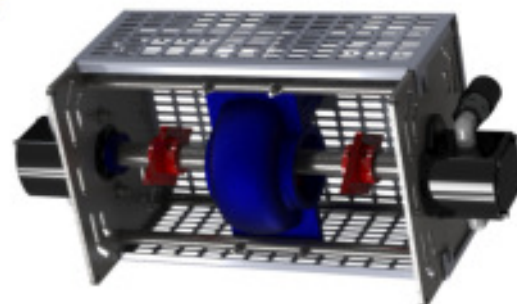
Floodwater abatement

Utility break locations

Vessel dewatering

Water pumping

Small dredging jobs



Twin hydraulic motors, twin agitators, top debris cage and lifting ring are standard outfitting for the Fast Flow Severe Service Pumps. The twin agitators help macerate and move solids into suspension as the pump operates. This pump works well for small dredge pumping solids.

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.