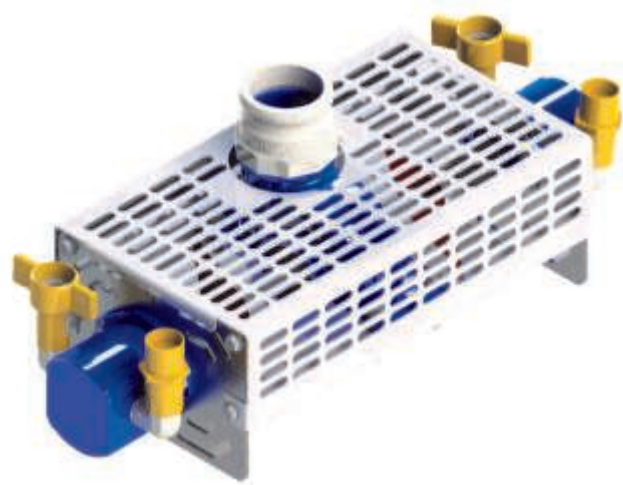


The only submersible pump with no mechanical seals, no shaft bearings, no wear plates and no internal friction. Truly run dry technology.

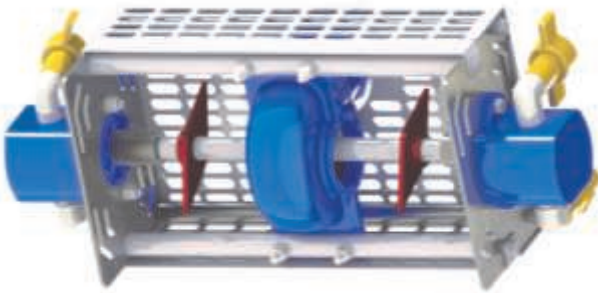
## Features

- Designed for severe service
- Pumps Heavy Solids
- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Indefinite Run Dry Technology
- Variable Speed & Flow
- Durable Steel Pump Parts
- Twin Agitators
- NO Internal Friction
- NO Mechanical Seals



Model FF 4 D TM TAG

**The Fast Flow 4" Severe Service Pump is made to be a survivor. All the pump's critical components** are upgraded: including a heat-treated ductile iron impeller and volute, hardened 17-4 drive shaft, and stainless couplings. The two efficient hydraulic gear motors are self lubricated by the hydraulic fluid powering the pump. There are absolutely no wear plates, no pump bearings and no mechanical seals to replace in the pump.



## Competitive Advantages

- Drill rig, well cellar pumping
- Handles abrasive solids pumping applications
- Pump 20 pound per gallon oilfield slurries
- Anti clog twin motor, double suction technology
- Lightweight Dredge at 230LBS
- Durable steel pump parts for long life
- Aluminum or stainless steel frame
- 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:	230 Pounds
Max Water Flow:	1325 GPM
Vertical Head:	230 Feet Max
Operating PSI:	2300 to 3500 PSI
Hydraulic Flow:	8 to 52 GPM
Power Source:	Hydraulic Driven
Material:	Hardened Ductile
Discharge:	<b>4" Male Cam Lock</b>
Dimensions:	<b>36" x 16" x 22"</b>
Hydraulic Oil:	AW-32 or AW-46

USPTO # 8,152,443 • 7,442,003 • 6,942,448

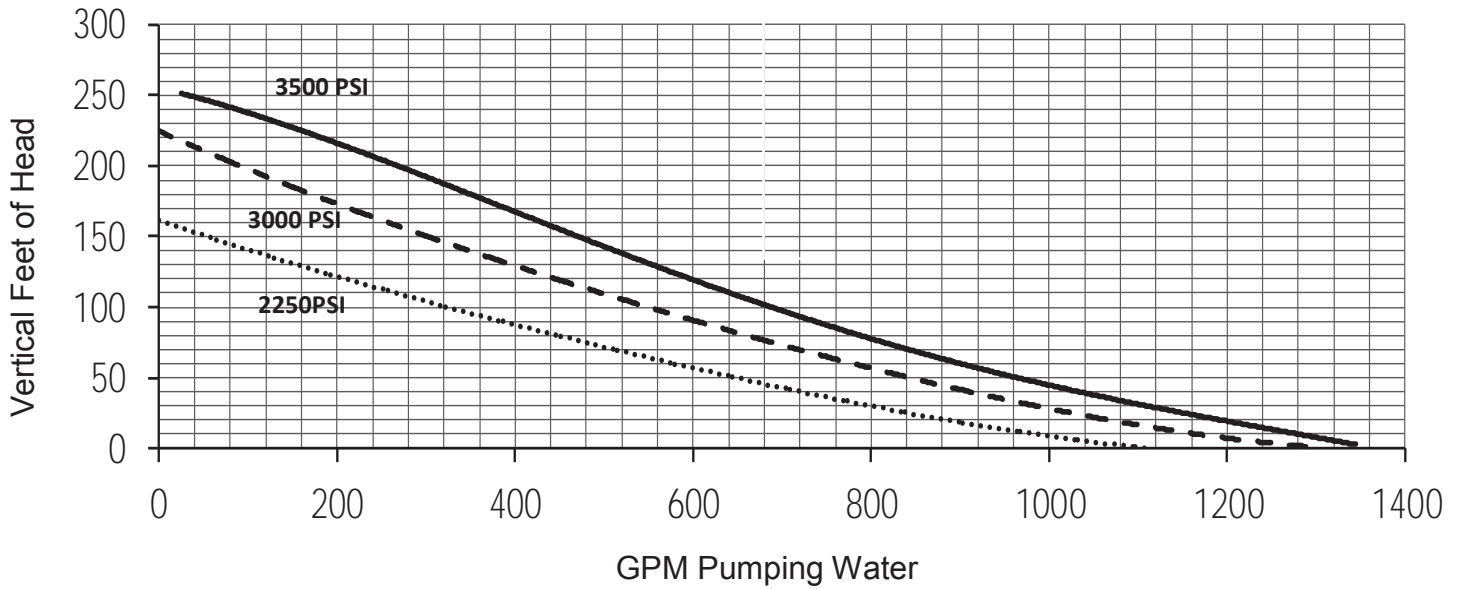
FastFlowPumps.com  
 9700 Hwy 63 • Moss Point, MS 39562  
 228.475.2468



# Fast Flow Applications

## 4" Twin Motor Twin Agitator Pump Curve

-- 3000 PSI    ..... 2250 PSI    — 3500 PSI



## Applications

Refinery coke pit pumping  
 Light dredging  
 Heavy solids pumping  
 Industrial lagoon slurry  
 Refinery tank clean outs  
 Petroleum tank cleaning  
 Heavy solids pumping  
 Oil spill response  
 Barge cleaning operations  
 Heavy crude pumping  
 Paraffin crude pumping

Frac tank cleaning  
 Oil rig well cellar pumping  
 Sewage solids pumping  
 Disaster response  
 Contaminated waste pumping  
 Agriculture pond aeration  
 Mud slurry pumping  
 Reserve pit pumping  
 Oil well blow out cleanup  
 Drill mud preparation  
 Water pit pumping

Vacuum truck assist  
 Fly ash pumping  
 Pit dewatering  
 Directional drilling  
 Construction dewatering  
 Flood water abatement  
 Utility break locations  
 Vessel dewatering  
 Industrial waste pumping  
 Clarifier pumping

## The Light Dredging Alternative

No other pump has the features of a Fast Flow Severe Service pump. There are no pump mechanical seals or wear plates and no internal pump friction, keeping maintenance costs low. A single pump handles heavy solids and viscous fluids better than an arsenal of air diaphragm pumps and is a fraction of the price of other dredge pumps. The twin agitators can move a high concentration of heavy solids like silt, mud and industrial waste making this pump an ideal replacement for larger more costly models.