



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



Model FF 3 D TM TAG

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. There are absolutely no shaft bearings, no wear plates, no grease fittings, no internal impeller to housing contact, and no mechanical seals to replace in the pump.

3" TWIN MOTOR TWIN AGITATOR PUMP

Competitive Advantages

- Designed for severe service applications
- Handles abrasive solids pumping applications
- Pump 20 pound per gallon oilfield slurries
- Anti clog twin motor, double suction technology
- 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

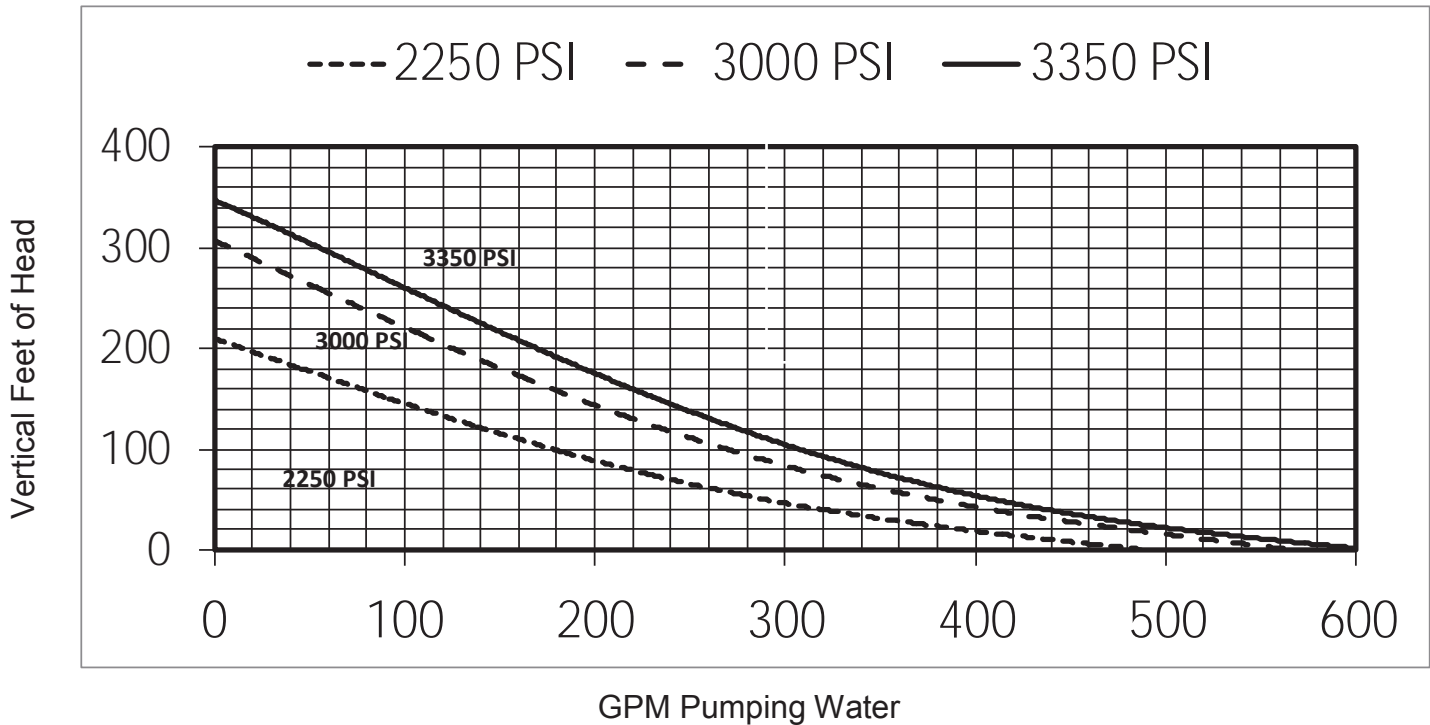
Fast Facts

Weight:	72 Pounds
Max Water Flow:	600 GPM
Vertical Head:	300 Feet Max
Operating PSI:	2250 to 3300 PSI
Hydraulic Flow:	8 to 21 GPM
Power Source:	Hydraulic Driven
Material:	Ductile Iron
Discharge:	3" Male Cam Lock
Dimensions:	29" x 10" x 12"
Hydraulic Oil:	AW-32 or AW-46

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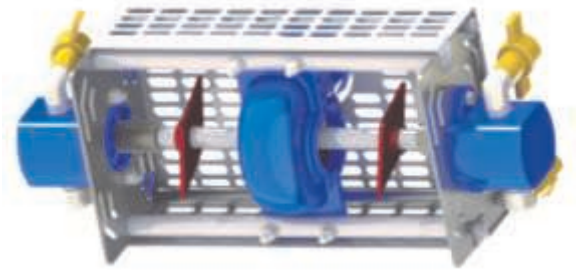
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3" Twin Motor Twin Agitator Pump Curve



Applications

- | | |
|-------------------------------|-----------------------------|
| Refinery coke pit pumping | Contaminated waste pumping |
| Oil rig well cellar pumping | Salvage jetting operations |
| Refinery tank clean outs | Agriculture pond aeration |
| Mud slurry pumping | Coal mine dewatering |
| Reserve pit pumping | Rail cars cleaning |
| Petroleum tank cleaning | Diesel and jet fuel pumping |
| Heavy solids pumping | Oil well blow out cleanup |
| Oil spill response | Drill mud preparation |
| Barge cleaning | Vacuum truck assist |
| Heavy crude pumping | Fly ash pumping |
| Paraffin crude pumping | Pit dewatering |
| Frac tank cleaning | Directional drilling |
| Confined space entry cleaning | Construction dewatering |
| Well cellar pumping | Flood water abatement |
| Wash down pumping | Utility break locations |
| Forestry fire systems | Vessel dewatering |
| Sewage solids pumping | Water pumping |
| Irrigation systems | Small dredging jobs |
| Disaster response | |



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.