



## Features

- Chromium components for Extra Long Life
- NO Internal Friction
- Run Dry Technology
- Designed for Severe Service
- Pumps Heavy Solids
- Very High Flow Rates
- High Vertical Head Pressure
- Self Priming
- Variable Speed & Flow
- NO Mechanical Seals
- Optional Twin Agitators



**Model FF-4C-TM**

**4" CHROMIUM TWIN MOTOR PUMP**

The Fast Flow 4" twin motor chromium slurry pump is designed to pump abrasive solids. The Fast Flow Pump is self priming and capable of running dry. Coal Ash, comprised of fly ash and bottom ash, contains solids that Fast Flow Pumps are specifically engineered to handle. Two efficient self-lubricating hydraulic gear motors power the pump. There are absolutely no bearings, mechanical seals, wear plates, impeller to housing contact, or internal friction.

## Competitive Advantages

- Chromium design for severe service applications
- Handles abrasive solids pumping applications
- Anti-clog twin motor
- Double suction technology
- Chromium castings for extra frame life
- Stainless steel pump components
- Cost effective compared to other pumps
- Reliable and easy to maintain and service
- Features top lifting ring and debris cage
- Optional high strength twin agitators available
- Twin hydraulic motors self lubricate & cool.

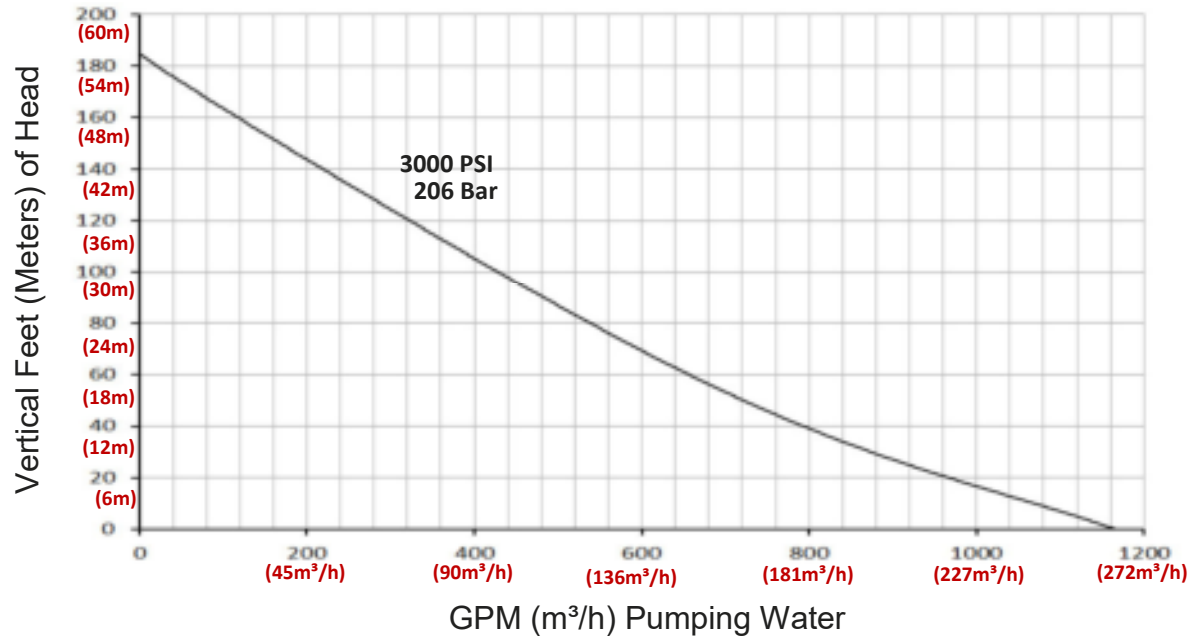
## Fast Facts

Weight:	201lb (95kg)
Max Water Flow:	1150 GPM (4353 LPM)
Max Vertical Head:	185 Feet (56m)
Operating PSI:	2250-3300 PSI (155-227 Bar)
Hydraulic Flow:	8 to 28 GPM (15-106 lpm)
Power Source:	Hydraulic Driven
Material:	27% Chromium
Discharge:	4" Male Cam Lock
Dimensions:	36"x16"x22" (71cm x 38cm x 43cm)
Hydraulic Oil:	AW-32 or AW-46



# Fast Flow Applications

## 4" Chromium Twin Motor Pump Curve



## Applications

- Fly Ash Pumping
- Pit slurry pumping
- Clarifier pumping
- Heavy solids pumping
- Vacuum truck assist
- Refinery tank clean out
- Coal Ash Pumping
- Bottom Ash Pumping
- Oil rig well cellar pumping
- Reserve pit pumping
- Crude oil tank cleaning
- Sewage solids pumping
- Disaster response
- Oil well blowout cleanup
- Drill mud mixing
- Directional drilling
- Oil spill response
- Barge cleaning operations
- Heavy crude pumping
- Paraffin crude pumping
- Agriculture pond aeration
- Construction site 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.