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.

**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

**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
- Flame Spray coatings available
- 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**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>70lb (32kg)</td>
</tr>
<tr>
<td>Max Water Flow</td>
<td>600GPM (136m³/h)</td>
</tr>
<tr>
<td>Max Vertical Head</td>
<td>350 Feet (106m)</td>
</tr>
<tr>
<td>Operating PSI</td>
<td>2250-3300 PSI (155-227 Bar)</td>
</tr>
<tr>
<td>Hydraulic Flow</td>
<td>8 to 21 GPM (30-79 lpm)</td>
</tr>
<tr>
<td>Power Source</td>
<td>Hydraulic Driven</td>
</tr>
<tr>
<td>Material</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>Discharge</td>
<td>3” Male Cam Lock</td>
</tr>
<tr>
<td>Dimensions</td>
<td>29”x10”x12”(73cm x 25cm x 30cm)</td>
</tr>
<tr>
<td>Hydraulic Oil</td>
<td>AW-32 or AW-46</td>
</tr>
</tbody>
</table>

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

3" Ductile Iron Twin Motor Pump Curve

--- 2250 PSI  --- 3000 PSI  --- 3350 PSI

155 Bar      206 Bar      230 Bar

Vertical Feet (Meters) of Head

0  100  200  300  400
0 (30m) (60m) (91m) (121m)

GPM (m³/h) Pumping Water

0  100  200  300  400  500  600
(22m³/h) (45m³/h) (68m³/h) (90m³/h) (113m³/h) (136m³/h)

Applications

Slurry and solids pumping
Refinery coke pit pumping
Oil rig well cellar pumping
Sewage solids pumping
Reserve pit 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 pumping
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.