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.

**Fast Facts**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>72lb (32.6kg)</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>

**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

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

- Refinery coke pit pumping
- Oil rig well cellar pumping
- Refinery tank clean out
- Mud slurry pumping
- Reserve pit pumping
- Petroleum tank cleaning
- Heavy solids pumping
- 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.