The Fast Flow Slurry Gate is designed to help FF pumps move difficult to pump media where other pumps experience mechanical seal failure. The slurry gate allows the pump to mix solid/liquid mixtures into slurries for easier pumping. Two efficient self-lubricated hydraulic gear motors power the pump and are specifically engineered to keep contaminants out. Fast Flow pumps have absolutely no wear plates, mechanical seals, and impeller to housing contact.

**Features**

- Designed for Severe Service
- Pumps Heavy Solids
- Self Priming
- Truly Run Dry Technology
- Variable Speed & Flow
- Durable 27% Chromium Pump Parts
- Optional Twin Agitators
- NO Internal Friction
- NO Mechanical Seals

**4C-SG**

**Competitive Advantages**

- Designed for severe service applications
- Handles abrasive solids pumping applications
- Anti-clog twin motor
- Double suction technology
- Chromium castings for long life
- Stainless steel & chromium components
- Cost effective compared to other pumps
- Easy to maintain and service
- Features top lifting ring and debris cage
- Optional high strength twin agitators available
- Twin hydraulic motors self lubricate
- Flush face—dry break hydraulic fittings

**Fast Facts**

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Weight:</td>
<td>203lbs (92kg)</td>
</tr>
<tr>
<td>Max Water Flow:</td>
<td>1150GPM (272m³/h)</td>
</tr>
<tr>
<td>Max Vertical Head:</td>
<td>185 Feet (56m)</td>
</tr>
<tr>
<td>Operating PSI:</td>
<td>2250-3000 PSI (155-206Bar)</td>
</tr>
<tr>
<td>Hydraulic Flow:</td>
<td>4 to 30 GPM (7-113 lpm)</td>
</tr>
<tr>
<td>Power Source:</td>
<td>Hydraulic Driven</td>
</tr>
<tr>
<td>Material:</td>
<td>27% Chromium</td>
</tr>
<tr>
<td>Discharge:</td>
<td>4&quot; Male Cam Lock</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>36&quot;x16&quot;x22&quot; (91cm x 40cm x 55cm)</td>
</tr>
<tr>
<td>Hydraulic Oil:</td>
<td>AW-32 or AW-46</td>
</tr>
</tbody>
</table>

*Fast Facts come from FF4DTM, Slurry Gate may impact performance.*

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

**Applications**

Fly Ash Pumping  
Bottom Ash Pumping  
Coal Ash Pumping  
Environmental Cleanup  
Waste Lagoon Cleanout  
Power Plant Pumping  
Reserve pit pumping  
Clarifier pumping  
Pit slurry pumping  
Petroleum tank cleaning  
Sewage solids pumping  
Heavy solids pumping  
Disaster response  
Oil well blowout cleanup  
Drill mud preparation  
Directional drilling  
Oil spill response  
Barge cleaning operations  
Heavy crude pumping  
Paraffin crude pumping  
Refinery tank clean out  
Agriculture pond aeration  
Vacuum truck assist  
Construction dewatering

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**One Pump - Two Functions!**

1. **Mix Mode**
   - Use mix mode when there is fluid in the tank and the solids are on bottom.
   - The recirculation effect puts the solids into suspension making pumping easier.

2. **Pump Mode**
   - Use pump mode when the slurry is mixed in tank and ready to be pumped.
   - Simply actuate the slurry gate to switch from mix mode to pump mode.

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Fast Flow, LLC manufactured pumps are protected under: 35 U.S.C., 37 C.F.R. and 18 U.S.C. Fast Flow, LLC 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; 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.