

La Paz 4C-SG

Slurry Gate Pumps



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La Paz 4C-SG is designed to 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. DAE pumps have absolutely no wear plates, mechanical seals, and impeller to housing contact.

One Pump Two Functions!

MIX MODE 1	MIX MODE 2
<p>Use mix mode when there is fluid in the tank and the solids are on bottom.</p> <p>The recirculation effect puts the solids into suspension making pumping easier.</p>	<p>Use pump mode when the slurry is mixed in tank and ready to be pumped.</p> <p>Simply actuate the slurry gate to switch from mix mode to pump mode.</p>

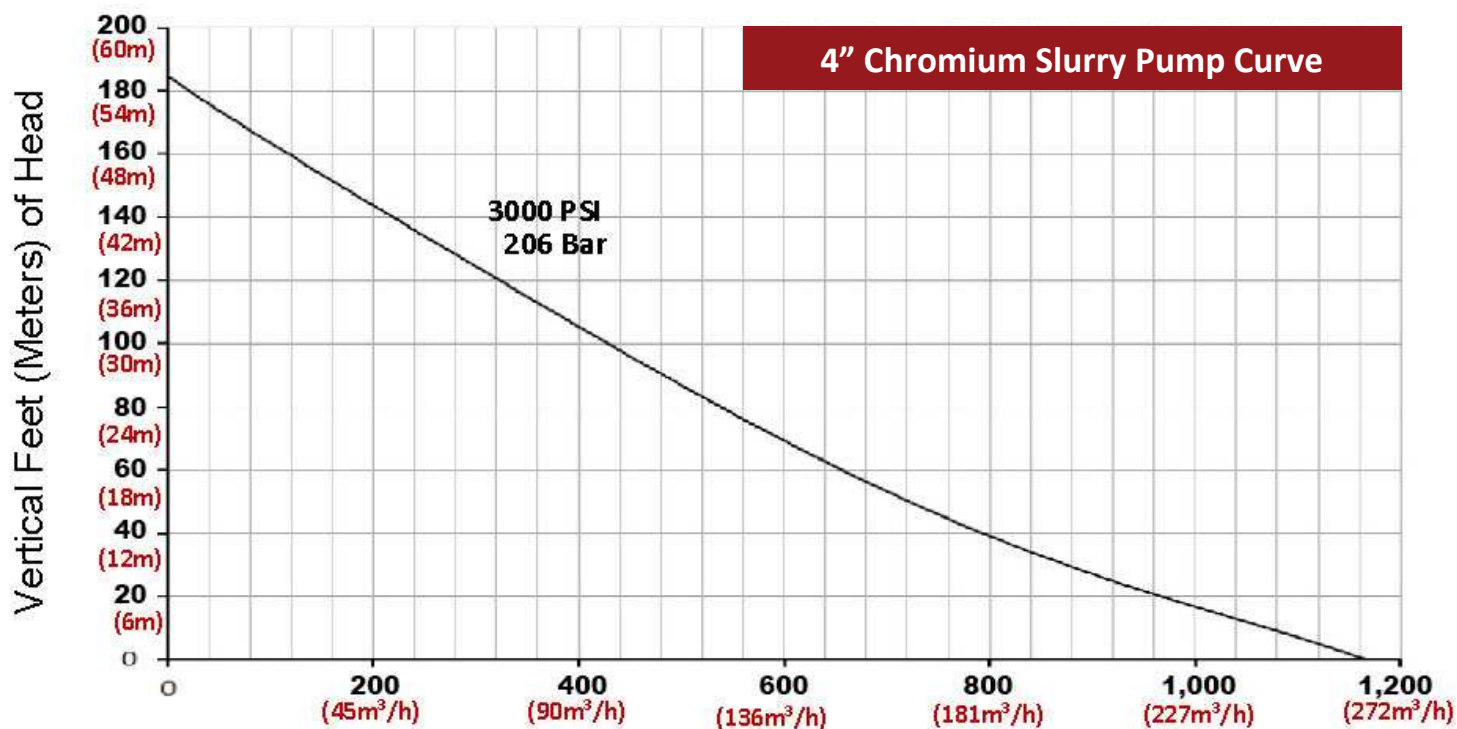
Key Features

- 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

Specifications	
Max. Water Flow	1,150 GPM (272m³/h)
Max. Vertical Head	185 Feet (56m)
Operating PSI	2,250 – 3,300 PSI (155-206 Bar)
Hydraulic Flow	8 to 28 GPM (15 – 106 lpm)
Power Source	Hydraulic Driven
Discharge	4" Male Cam Lock
Weight (Dry)	203 lbs. (92 kg)
Dimensions	36" x 16" x 22" (91cm x 40cm x 55cm)
Hydraulic Oil	27% Chromium
Material	AW-32 or AW-46

Benefits

- Incredible power, yet only 201 lbs.
- 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
- Reliable and easy to maintain and service
- Features top lifting ring and debris cage
- Twin hydraulic motors self-lubricate & cool



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
- And more...