

La Paz 4D-SG

Slurry Gate Pumps



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La Paz 4D-SG Twin Motor Slurry Gate Pump is designed to pump difficult to pump media where other pumps experience mechanical seal failure. The addition of a slurry gate allows the pump to mix solid/liquid mixtures into slurries for easier pumping. Two efficient self-lubricating hydraulic ear motors power the pump and are specifically engineered to keep contaminants out. There are 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>

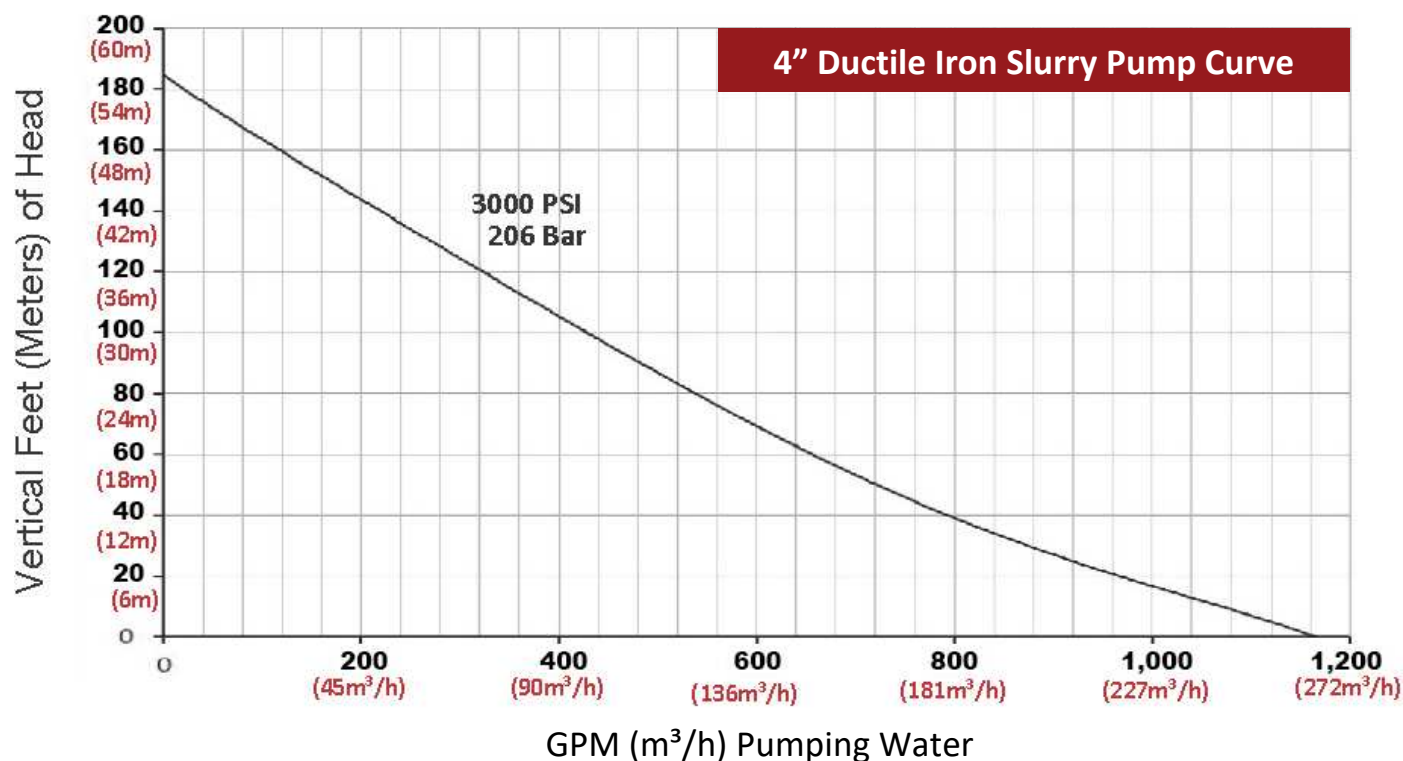
Key Features

- Designed for Severe Service
- Pumps Heavy Solids
- Very High Flow Rates
- High Vertical Head Pressure
- Self-Priming
- Truly Run Dry Technology
- Variable Speed & Flow
- Durable Steel Pump Parts
- Optional Twin Agitators
- NO Internal Friction
- NO Mechanical Seals

Specifications	
Max. Water Flow	1,200 GPM (272m ³ /h)
Max. Vertical Head	230 Feet (70m)
Operating PSI	2,250 – 3,500 PSI (155-241 Bar)
Hydraulic Flow	8 to 32 GPM (14 – 121 lpm)
Power Source	Hydraulic Driven
Discharge	4" Male Cam Lock
Weight (Dry)	157 lbs. (71 kg)
Dimensions	36" x 16" x 22" (91cm x 40cm x 55cm)
Hydraulic Oil	AW-32 or AW-46
Material	Ductile Iron

Benefits

- Designed for severe service applications
- Handles abrasive solids pumping applications
- Anti-clog twin motor
- Double suction technology
- Chromium castings for long life
- Optional stainless steel pump 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



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...