

La Paz 4D-SG Slurry Gate Pumps



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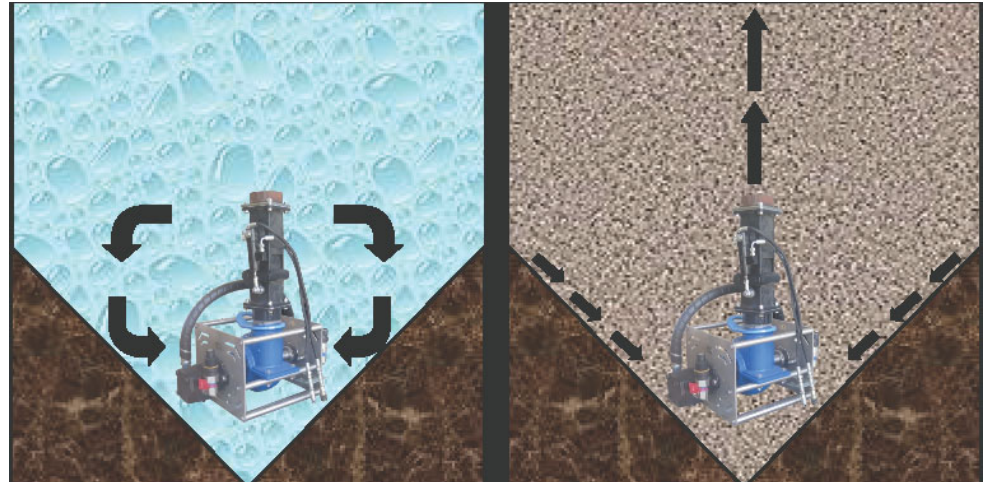
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One Pump Two Functions!

La Paz 4D-SG

The La Paz 4D-SG Twin Motor Slurry Gate Pump is designed to pump difficult to pump media where other pumps experience mechanical 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.



MIX MODE 1

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.

MIX MODE 2

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.

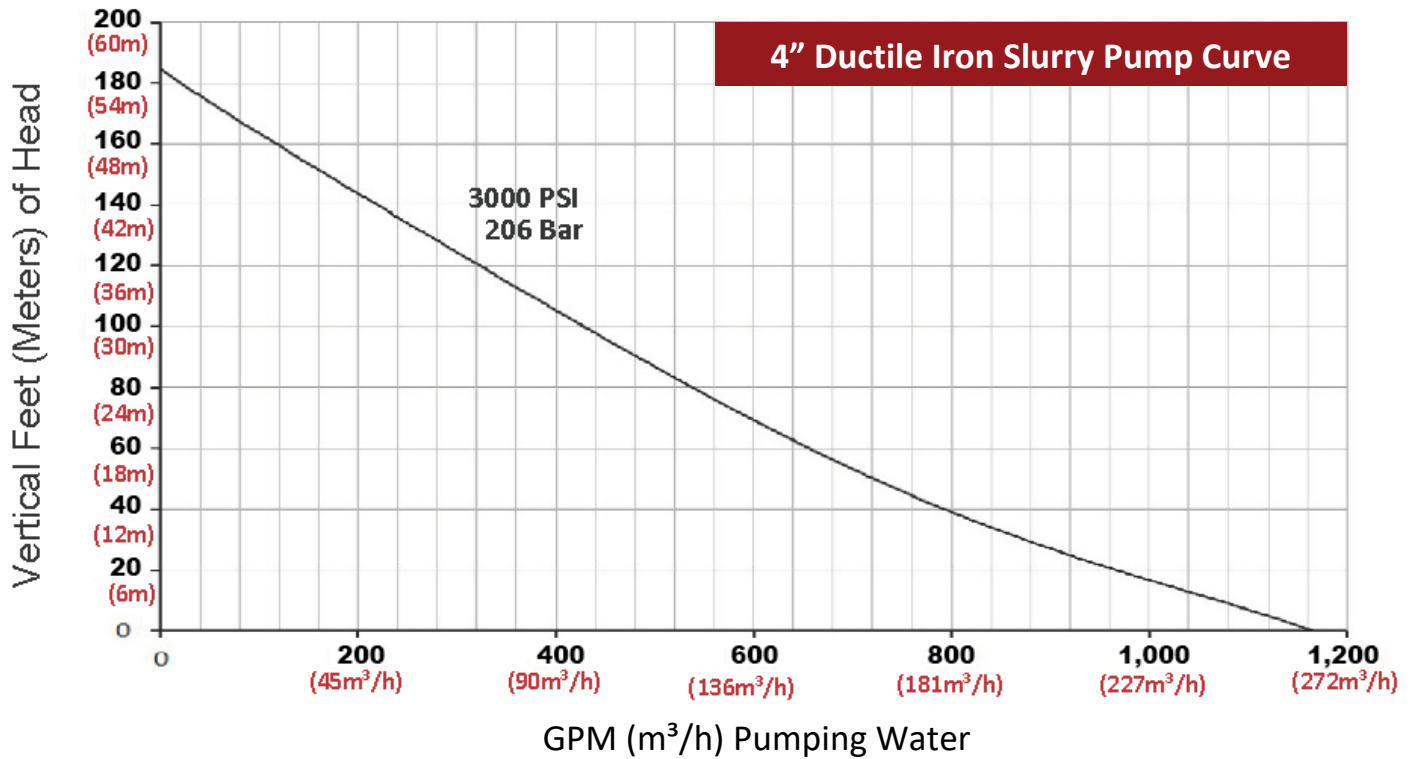
Key Features

- 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...