

PUMPFEATURES

GIW Pumps for FGD



GIW offers a complete range of heavy duty pumps for FGD system scrubbers. Rugged GIW pumps provide high sustainable hydraulic efficiency, and long wear life at the lowest total cost of ownership. Low noise and minimum vibration are other benefits.

Performance plus ease of maintenance gives you the most value in a FGD slurry pump.

You can put our pumps to the test. Our Hydraulic Test Lab is the largest and most sophisticated slurry test facility in the world. With multiple clear water or slurry test loop systems and state of the art scientific instrumentation, the lab is well equipped for extensive pump and pipeline performance testing.

Select GIW with complete confidence. ISO 9001 registered for superior quality in design, production, installation and service.

Pump Models

Elastomer lined: FGD, LCC-R, LSR

Metal: LSA, LHD, LCC-M, LCV-M

Range

- Discharge diameters – 1 1/2" to 44"
- Flows – 100 - 100,000 (U.S) GPM
- Up to 12,000 HP

Typical Applications

- Absorber recirculation and ancillary process pumps.

Construction

Our model FGD pumps are radially-split with ductile iron casings and replaceable elastomer liners. Hard metal pumps have a single-wall shell, impeller, hub, and suction side liners constructed of abrasion and corrosion resistant white irons.

- Heavy-duty bearing assembly with simple axial adjustment to maintain performance and limited end float for mechanical shaft seals.
- Alloy shaft sleeves suitable for all slurry chemistries.
- Various impeller and shell configurations for the optimum combination of high efficiency and long wear life.
- Model LCV vertical cantilever pumps for miscellaneous sump services. Settings to 6 ft.



Major Features

- Heavy duty construction
- High sustainable efficiency
- Low noise level
- Minimum vibration
- High reliability
- Ease of maintenance

Materials Expertise

GIW is a leading international authority on metals and elastomers for highly abrasive and/or corrosive FGD slurries.

A complete range of natural & synthetic elastomers is available, including urethane, which is specially formulated for FGD service.

When an application calls for hard metal construction, we can provide superior wear materials including impact and abrasion resistant, high chromium white irons, ductile irons and special alloys.

Let us tell you more about our full range of GIW pumps for FGD. Call or write today for more details.

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GIW Pumps for FGD



FGD PUMPS

Split-cased rubber lined pumps with impellers available in a variety of corrosion and abrasion resistant alloys. Efficiencies approaching 90% at BEP. Designed for absorber recirculation service.



LCC-R & LCC M PUMPS

Interchangeable rubber-lined or metal wet ends offering high efficiencies, long wear life and lowest life cycle costs for FGD process applications.
Slurry Bleed Pumps



LSR PUMPS

Rubber lined extra heavy pumps for hardwearing applications.
Additive Feed Pumps



LSA PUMPS

Premium design hard iron pumps for long wear life pumping severe slurries.
Prescrubber Recycle Pumps



LHD PUMPS

High efficiency, all metal pumps available in a variety of corrosion and abrasion resistant alloys. Designed for absorber recirculation service.
Spray Recycle Pumps

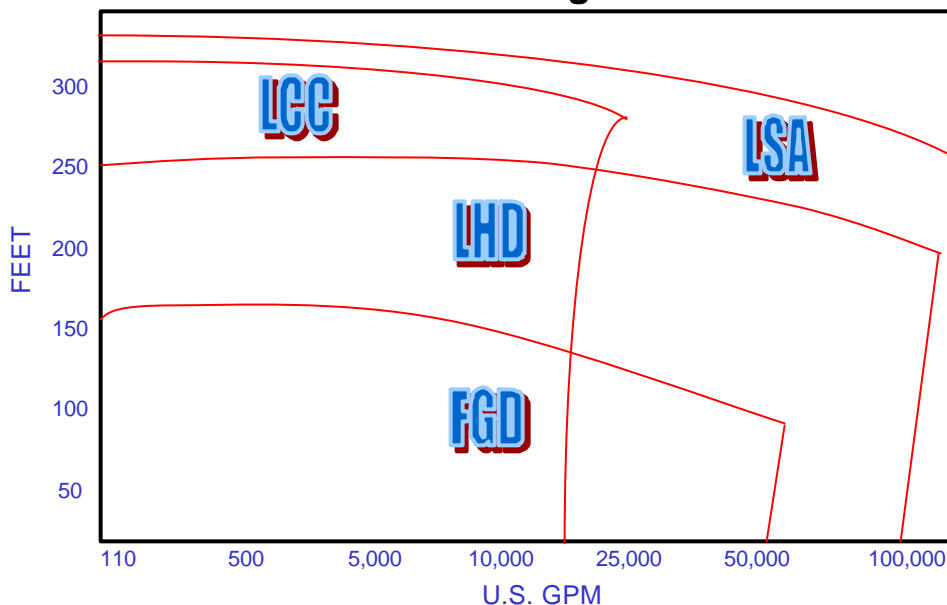


LCV (vertical) PUMPS

Vertical cantilever, rugged hard metal sump pumps.
Miscellaneous Sump Pumps

There are many GIW offices strategically located around the world, through KSB affiliates, so that every GIW customer is never far from GIW support, both as regards genuine GIW spare parts or technical assistance.

General Range Chart



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