



# Bigger and Better.



## GIW 38X38 FGD 58 Pump

### ***Pump specifications***

Flow: Over 60,000 gpm

Head: Over 50 ft.

### **Unique high flow and low head design**

Long Wearing – No ill-timed elastomer parts failure, ever!

Fewer Parts – Ease of maintenance

*GIW has recently been awarded an order for 15 of these giants,*

For over 130 years, KSB and GIW have been making pumps that transport chemically aggressive and abrasive fluids 24 hours a day. FGD plants around the world use more than 1000 of our scrubber pumps and well over 2000 process pumps in secondary circuits.

### ***Pumping technology for a cleaner future***

Legislatures and industry put more emphasis than ever on all around protection of the environment and natural resources. Power Plants are a prime example.

The coal burning process gives off flue gases into the atmosphere, and these contain sulphur dioxide. Modern equipment can remove over 95% of these pollutants before emission. While this is a major challenge, even for advanced desulphurization technology, GIW pumps help make it possible, time after time.

# 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.

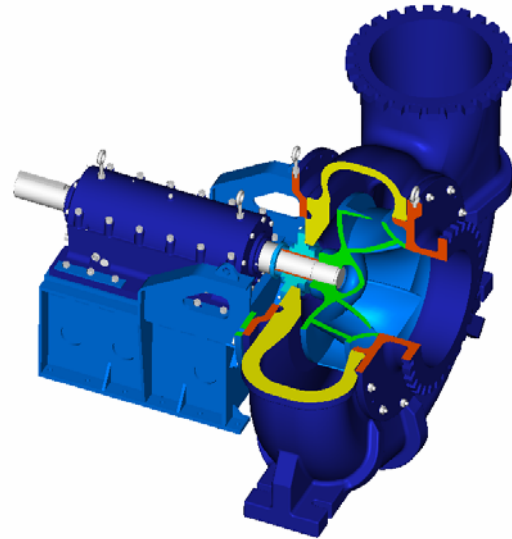
**You can put our pumps to the test.** GIW's Hydraulic Test Lab is the largest and most sophisticated slurry test facility in the world. With multiple clear water or slurry test loop systems and state of the art scientific instrumentation, the lab is well equipped for extensive pump and pipeline performance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

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

### Construction

FGD hard metal pumps have a single-wall shell design. Impeller was developed for high efficiency and the suction side liner is equipped with integrated mounting plates.

- Heavy-duty bearing assembly uses a 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.



### 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.

### 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 for highly abrasive and/or corrosive FGD slurries.

When an application calls for hard metal construction, GIW 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.**

FGD Pump Range

