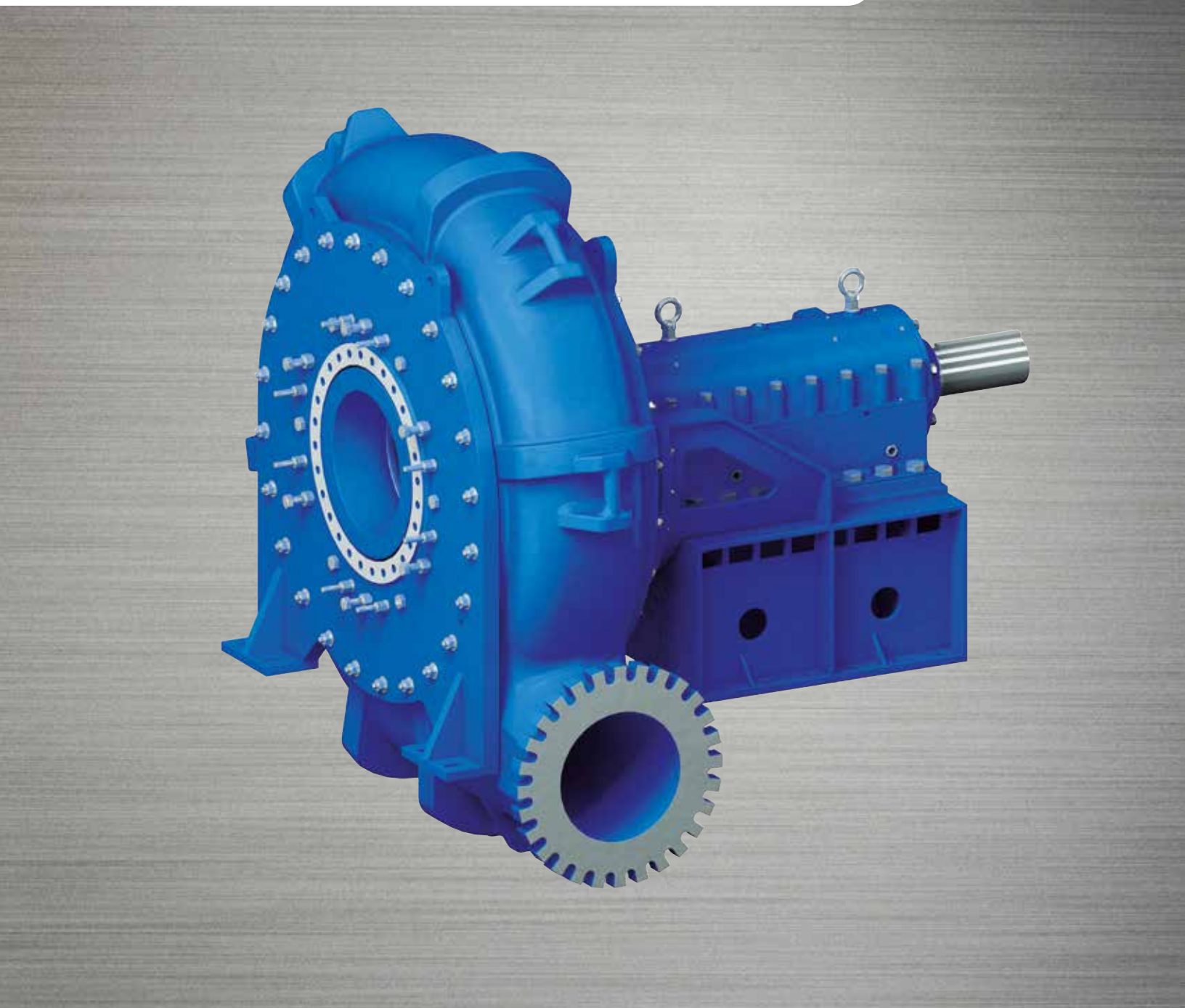
GIW® Minerals

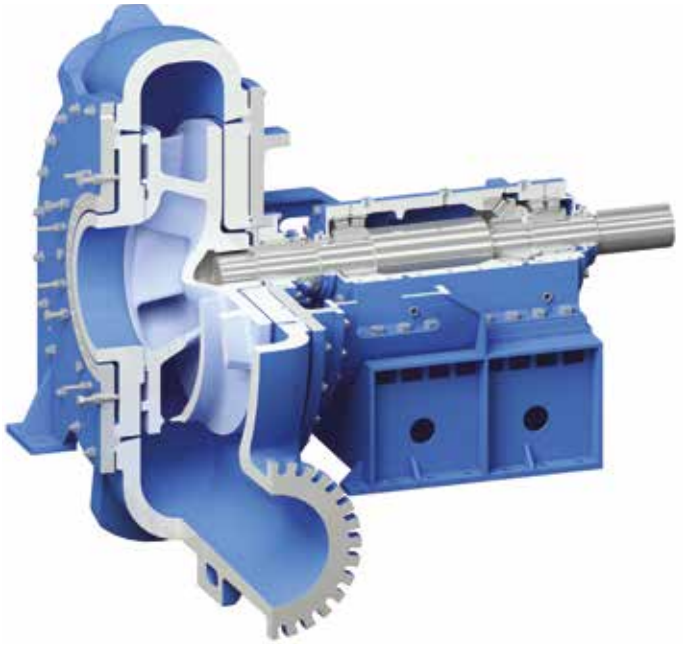
KSB

MDX - Mill Duty Extra Heavy Pumps

for Severe Mill Duty Applications



Choose the GIW® Minerals MDX Pump for Mill Duty Applications



Lower Specific Speed Design
A large diameter impeller results in slower pump rotational speed than competing designs, leading to extended wear life. The lower specific speed design also allows the pump to better meet the variable flow conditions encountered in mill circuits.

Longer Wearing Materials
GIW Minerals offers a wide range of white iron materials designed specifically to resist the abrasive nature of aggressive slurries. This, combined with thicker cross sections translate into long and reliable pump service life.

Deep Base Circle
Minimizes aggressive particle impingement and encourages "sliding" wear. Typical abrasive wear drops dramatically.

Slurry Diverter
Our latest technology dramatically increases suction liner life by reducing particle recirculation between the impeller and liner.

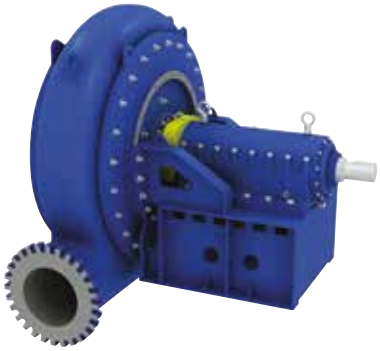
Oversize Shrouds
Larger shrouds and extended vanes work in conjunction with the slurry diverter to provide additional clearing action, further reducing recirculation and grinding wear between the impeller and suction liner.

Adjustable Suction Liner
Allows nose gap adjustment on the fly which in turn reduces downtime and extends the wear life.

Patented Inlet 5 Vane Impeller
Designed to efficiently transport aggressive slurries while maximizing pump performance and wear life, and minimize vibration.

Reduce Downtime by Matching Life Cycles

Select the MDX pump for your next mill circuit application to help ensure cost-effective and continuous operations. The MDX pump maximizes productivity and minimizes cost by matching operating cycle times with scheduled mill outages.



Options are available to custom tailor the MDX to meet a wide range of application requirements.

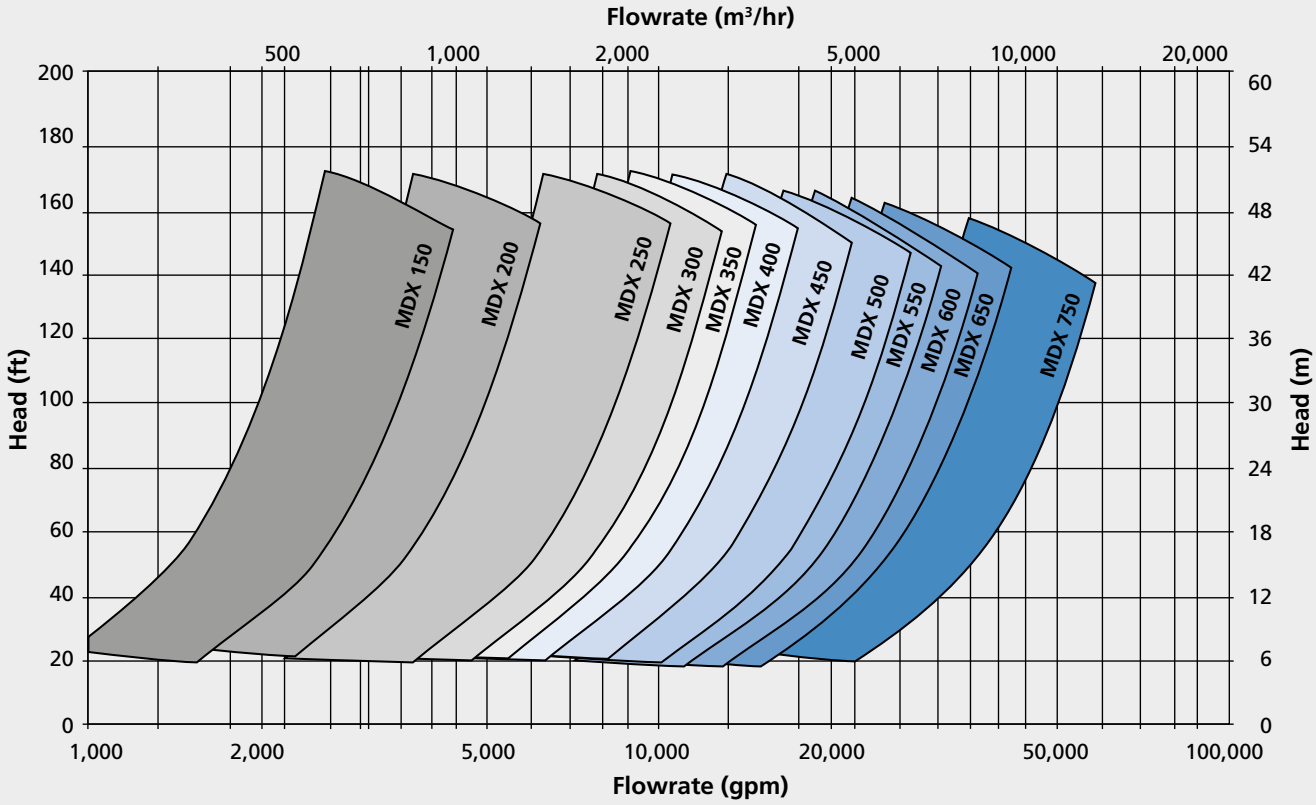
Technical Data	
Discharge	150 to 750 mm
Flow rates	up to 61,650 gpm (up to 14,000 m^3/h)
Total head	up to 295 ft (up to 90 m)
Pressure rating	up to 235 psi (up to 16 bar)

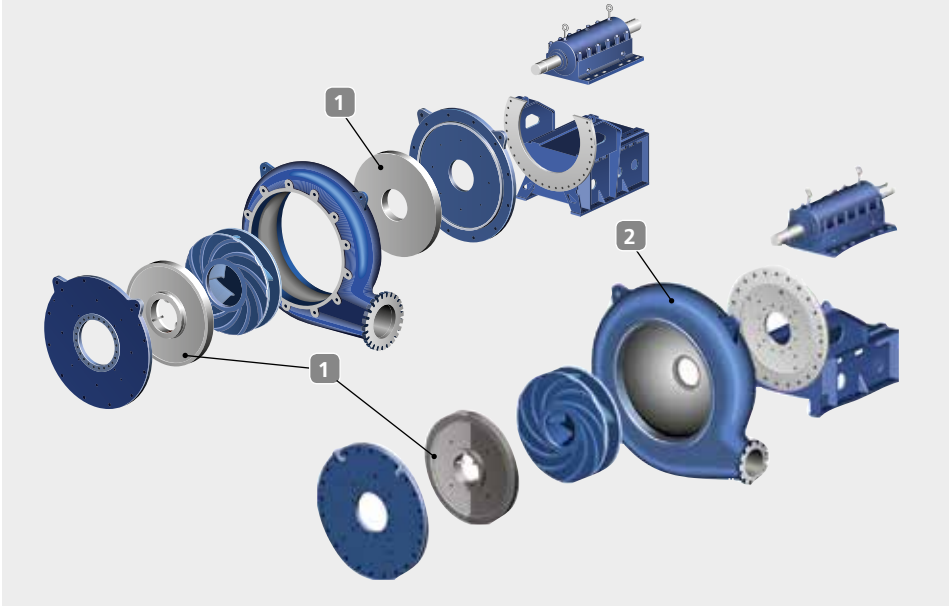
Applications

- SAG, Ball and Rod Mill Discharge
- Cyclone and Screen Feed

Whatever you need, it's here:

The MDX offers a wide selection range





Custom Options

- Reduced eye suction liners
- Adjustable liner assemblies
- Quick release wet end
- Full vanes to fit oversized shrouds

1 Suction liners and hub liners are available in a wide variety of white irons

2 Open back shell offered on larger sizes for right or left hand pumping applications



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GIW® Minerals

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