

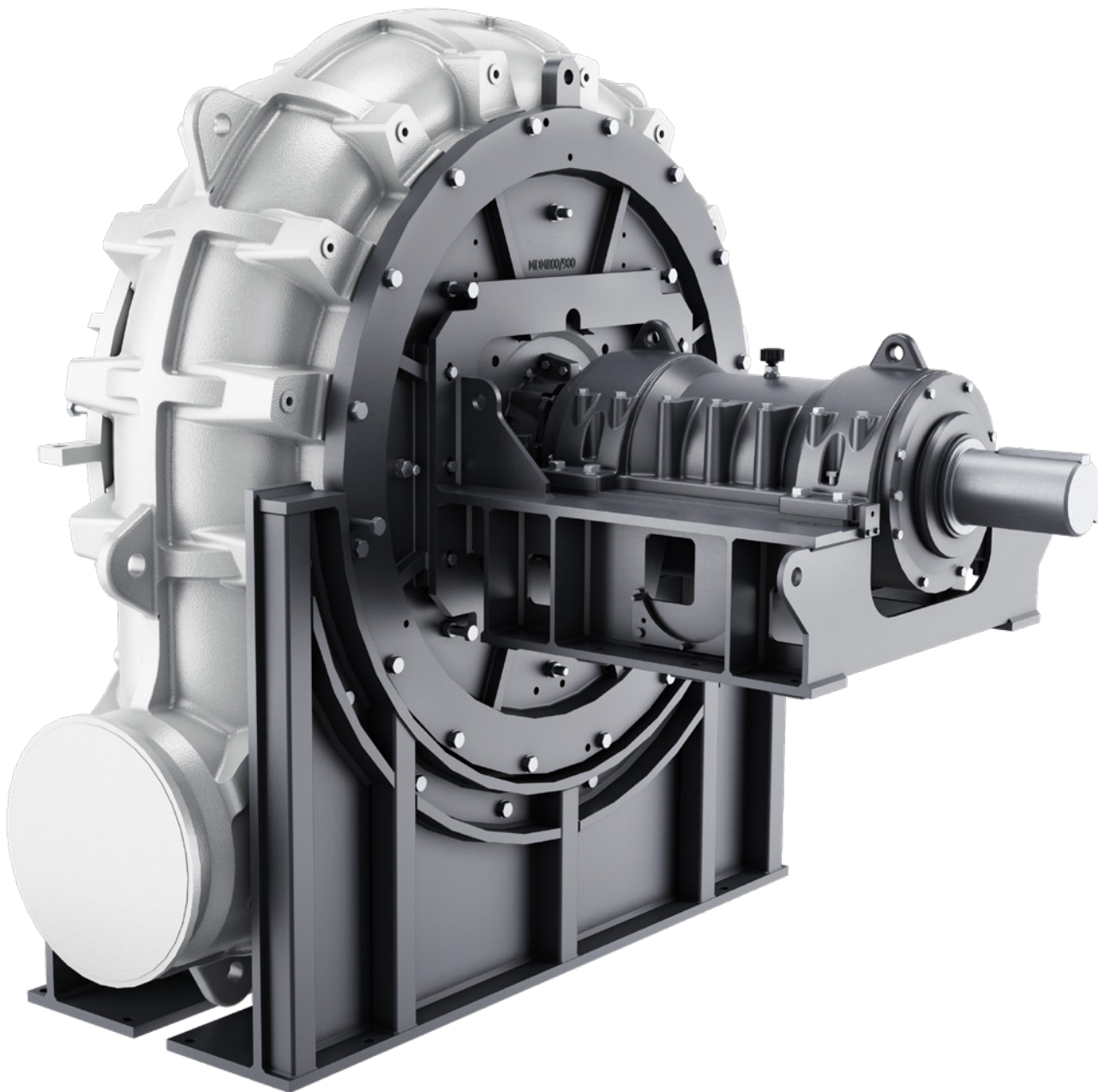
# Metso

MD Series

15 good reasons to choose Metso Mill Discharge pumps

POMP DIRECT





## Optimized solutions for maximum uptime

Engineered specifically to meet the needs of today's mill discharge operations, our MD pumps will maximize uptime by extending wear life and time between maintenance stops resulting in reduced total cost of ownership.

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## Efficient design

The MD pump range was designed to ensure sustained performance, reduce wear on critical parts, extend the life of components and enhance your operation.

- 1** Consistent hydraulic design limiting inlet velocity at best efficiency point
- 2** Loose steel flange connections separate from pump casing
- 3** Self contained oil or grease lubricated bearing assembly
- 4** Split stuffing box and gland with safe adjust gland guard
- 5** Impeller release mechanism for safe and simple impeller removal

## Superior performance

Our pump systems can withstand the extreme wear from coarse, heavy solids and flow turbulence, performing under even the most aggressive workloads.

- 6** Excellent sustained efficiency across a broad flow range
- 7** High impeller aspect ratio minimizing rotational speed for a given duty
- 8** Double adjust feature permits optimum continuous pump performance
- 9** Advanced impeller design minimizing entrance losses

## Solid construction

Our pumps are built with high-performance materials that provide excellent resistance to abrasion and erosion, shortening maintenance times.

- 10** High performance materials with excellent resistance to abrasion, corrosion and erosion
- 11** Heavy sectioned casings and liners maximizing wear life and extending maintenance cycles
- 12** Reduced impeller overhang restricting shaft deflection
- 13** Inlet anti rotation vanes restricting pre-rotation
- 14** Modular design with excellent interchangeability of metal and rubber parts
- 15** Various shaft seal options including Metso EnviroSeal™



## Service and support

We have the resources to help you properly select, install, operate and maintain the pump system that best meets your needs. Let us help you lower your costs through reliable performance, reduced downtime, and increased efficiency.

Maximize uptime. Extend time between rebuilds. Lower total cost of ownership.

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