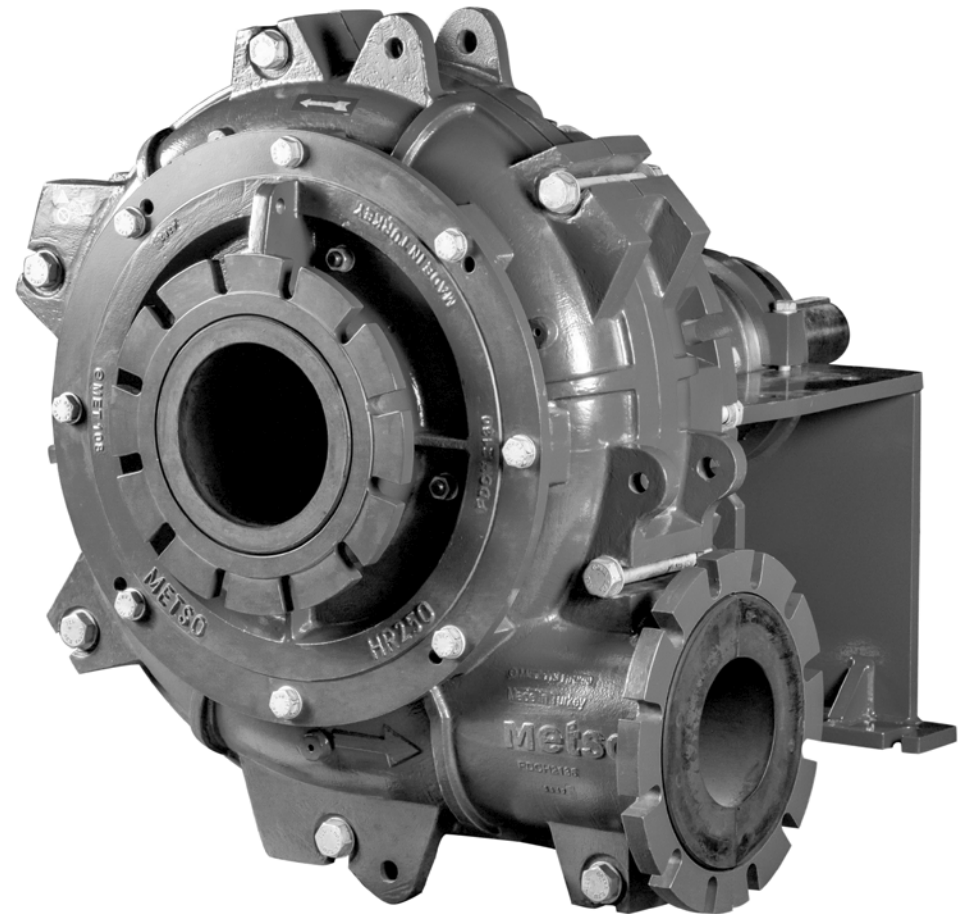


Metso

Orion Series

15 reasons to
choose Orion
series horizontal
slurry pumps



Robust pumping equipment for abrasive slurries



Metso Orion Series horizontal slurry pumps are robust pumping equipment designed for abrasive slurries. Consisting of two ranges, heavy duty H-range and mining duty M-range, the pumps are available as rubber lined or hard metal lined versions.

Reliable operations

Specially developed features provide trouble-free operation and a minimum downtime improving the cost effectiveness.

- Oversized high strength alloy steel shaft is carried in heavy duty grease lubricated bearings in a self-contained cartridge assembly
- Bearing seal arrangement provides a positive seal against contamination
- Reliable gland seal options to meet individual requirements using expellers, flushed glands, or mechanical seal
- Modular design and full interchangeability of parts minimizes stock levels
- Optional back pull-out feature allows ease of inspection and maintenance
- Pumps and parts are manufactured under total quality management in ISO certified production units

Low power consumption

The well-designed Orion pumps ensure energy efficient operations leading to low power utilization.

- Range optimization ensures operation close to the best efficiency point
- High efficiency hydraulic design ensures optimal power utilization
- Use of fluid dynamic software to improve pump hydraulic efficiency
- 3D computer design technology for development of hydraulic and mechanical components

Long wear life

Our pumps are designed to reduce wear on critical parts, extend the life of components and enhance your operation.

- Wear parts of highest quality hard metal, rubber, and corrosion-resistant materials
- Robust design with extra thick sections at known points of wear
- Highest quality of wear resistant elastomers
- Interchangeability of hard metal and elastomer parts provide the best solution for each application
- Optional wear clearance double adjustment feature increases wear life



Service and support

We have the resources and experience 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.

Our range of complimentary products



Vertical slurry pumps



Hoses and pipes



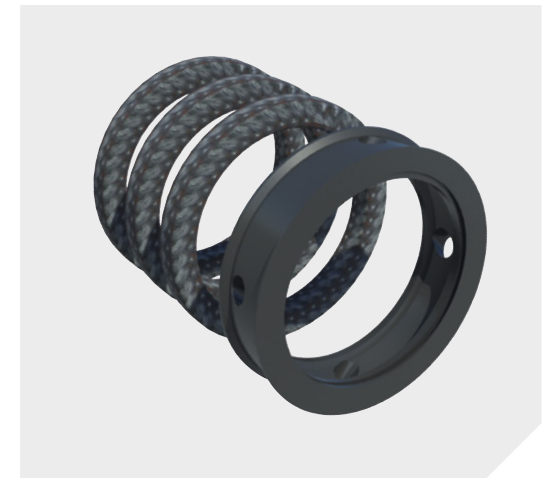
Branch pipes and valves



Mill discharge pumps



Mechanical seals

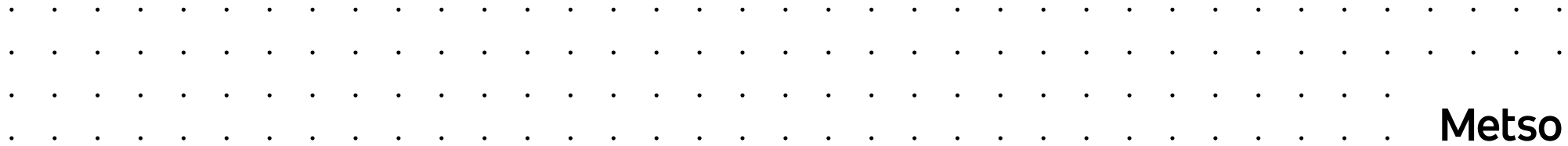


EnviroSet™ seals

Need help with choosing the right type of pump? Try Metso PumpDim™, an online selection tool that helps you to choose the most efficient slurry pump for your application: www.metso.com/campaigns/pumpdim-slurry-pump-selection

Metso is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. We improve our customers' energy and water efficiency, increase their productivity, and reduce environmental risks with our product and service expertise. We are the **partner for positive change**.

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