

# Metso Plus portfolio - Slurry handling

Metso  
**PLUS**



MHC™ series hydrocyclones



MD series mill discharge pumps



Ceramic chunk™ valve

## Applications

- Grinding circuit classification
- Ranges from primary to fine grinding
- Full range of mineral types
- Dewatering
- Desliming
- Tailings

- Specifically designed for mill circuit applications
- SAG/Ball mill discharge pumps
- Tailings pumps
- Hydrocyclone feed

- Mineral processing concentrators using grinding mills and cyclones
- Copper and gold operations with flash flotation cells
- Multiple ball mill circuits requiring accurate flow distribution
- Gravity concentrator screen feed

## Why is this equipment a part of the Metso Plus portfolio?



Up to 10% improved energy efficiency for the grinding circuit due to efficient classification leading to less energy required by the pump and grinding mills.

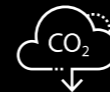


Up to 10% reduction in carbon emissions due to improved wear life of components when using rubber and polyurethane materials.

Baseline: conventional hydrocyclone\*



Up to 50% reduction in water consumption due to EnviroSet™ sealing.



Up to 30% carbon footprint reduction due to modular design and robust components.

Baseline: Competitor mill discharge pump & for water use a pump mechanical seal\*  
\*Information based on Metso assessment of products against industry baseline



Long wear life reduces waste and maintenance emissions.



Delivers reliable performance, lower life-cycle costs, and improved environmental efficiency.

Baseline: conventional slurry valve\*

Marketing claim »

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