

Metso:Outotec

Primary gyratory crushers

Protective wear parts



Application

Wide offering of wear parts to protect your primary gyratory crusher

Protective wear parts offer maximum protection of your crusher and enable an optimal wear consumption ratio that can be synchronized with your scheduled maintenance and reduce unexpected downtime.

Minimize downtime

The primary crusher plays a crucial role in the size reduction process. Even small improvements in uptime or throughput have a significant impact on the productivity of the entire operation. High-quality primary gyratory crusher wear parts increase the crushing performance and reduce unexpected downtime. Metso Outotec's offering consists of wear parts and spare parts – available as standard or tailor-made according to your application requirements.

Protective wears

Metso Outotec is well known for its offering of optimized mantles and concaves. In addition, we offer protective wears for both the upper and lower parts of primary gyratory crushers. All parts are made from high-quality alloys for extended wear life.



Did you know that a 1% increase in process availability can result in up to 4.3% more profit? By choosing our protective wear parts you are not only protecting your crusher, but also enabling an optimal wear consumption ratio that can be synchronized with your scheduled maintenance and reduce unexpected downtime.

Safe and sustainable wear parts

Our protective wear parts are not only designed to best protect and preserve structural components, but also to be safe to handle during the installation and removal process. We are continuously optimizing our own operations and contributing to a low-carbon society by striving to minimize impacts across our entire value chain. All parts produced in our foundries are composed mostly of recycled metal, and other manufacturing consumables, like molding sand and water, are also recycled to contribute to a more eco-friendly operation.

Benefits

- Wide offering that matches any kind of application
- Protects and preserves critical components
- High-quality alloys
- Increased uptime
- Increased safety

Protective wears

Reduce unplanned downtime with our protective wears

The right wear parts can take your primary crushing to the next level and improve overall plant performance.

Upper parts

Cap

The cap plays a vital role in protecting the spider's head, where the fulcrum components of the crusher are maintained.

Arm liners

The spider arm liners are designed to shield the spider arms against the highest impact in a crushing circuit. The curved spider arms help improve the feed.

Rim liners

The rim liners protect the structural part of the spider against wear from high impact and constant gouging.



Lower parts

Pinion shaft and narrow arm liners

Both the pinion shaft and narrow arm liners play a vital protective role; a single damaged or worn structure can cause catastrophic and unreparable failure.

Side liners

The replacement of side liners is labor-intensive and time-consuming. Selecting the right material helps synchronize the replacement with other extensive maintenance, such as a concave relining.

Hub liners

The hub liners protect the structure where the crown gear and hydraulic components must be maintained at their highest performance.



Read more at mogroup.com/crusherparts

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