

Metso

MP Series™ Cone Crushers

Highest crushing force on the market



MP Series Cone Crushers

Higher productivity with higher savings

Well known throughout the world, Metso's MP Series cone crushers outperform the competition using robust components and superior crushing ability designed into every machine.

MP stands for maximum power

Metso's MP Series cone crushers are well known throughout the world as having superior crushing ability. Delivering up to twice the capacity per crushing station compared to competitors, and processes more ore than any other competitive unit at the same reduction ratio or product size resulting in a higher throughput.

While having such high production there are substantial savings to be had. The crushers are designed to fit onto a 7-foot Symons cone crusher foundation, thus saving on plant modification or building and foundation costs. Also, maintenance is very simple because of the push-button disassembly.



Applications

- Secondary and tertiary crushing for feeding grinding mills
- HPGR's and leach pads
- Critical-size material crushing to achieve optimum autogenous or semi-autogenous mill productivity (i.e. Pebble crushing)
- Special secondary crushing for high reduction ratio applications
- Autogenous or Semi-Autogenous pre-crushing



Innovative design
leads to lower costs



100% more per crushing
station for MP1000



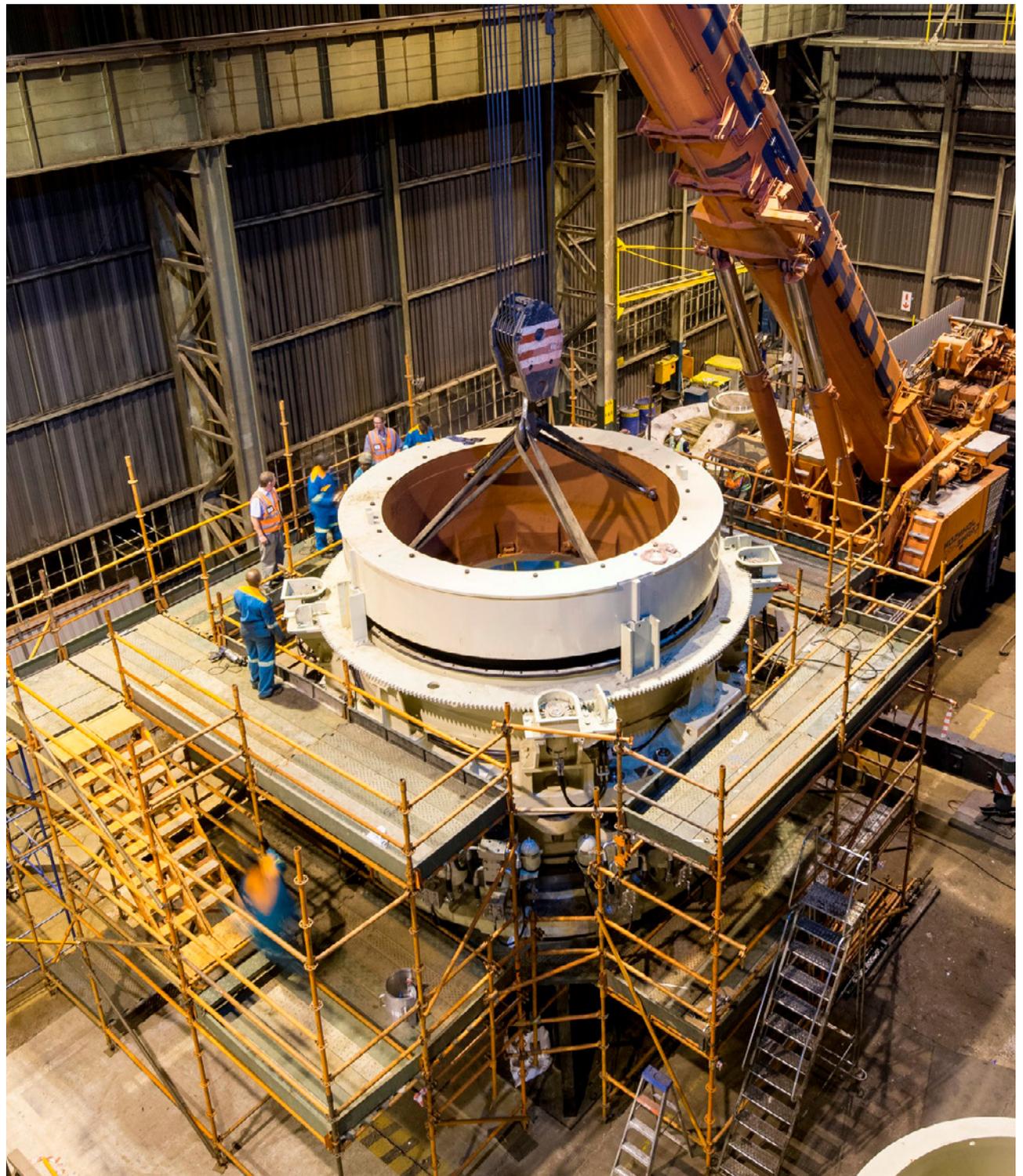
80% more per crushing
station for MP800

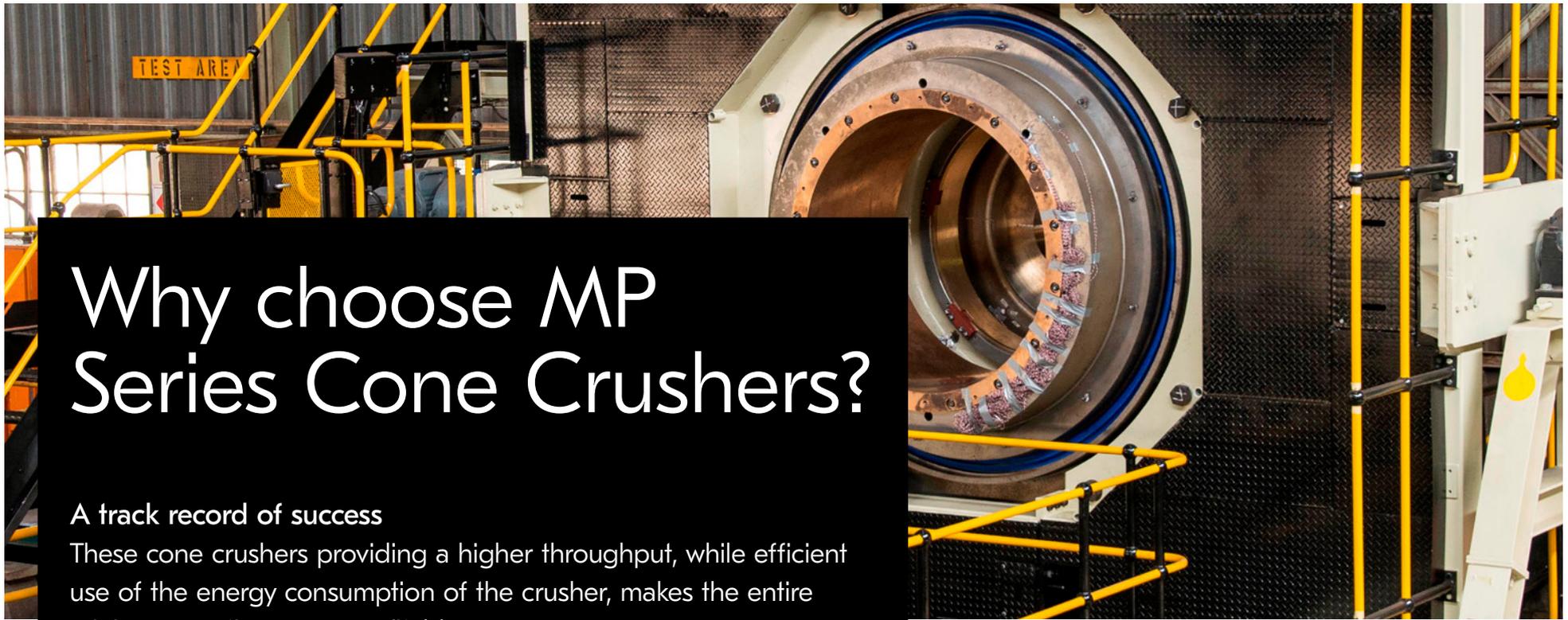


Up to 2x as much
crushing capacity



Wide range of
models available





Why choose MP Series Cone Crushers?

A track record of success

These cone crushers providing a higher throughput, while efficient use of the energy consumption of the crusher, makes the entire mining operation more profitable.

Consistency

Hydraulic controls allow the crushers to hold a constant setting while achieving unusually high reductions. A rotating bowl provides even wear in the crushing cavity while enabling crusher setting uniformity and consistent size reduction. The automatic tramp release passes tramp material without stalling the crusher, permitting an uninterrupted return to the production setting.

High availability

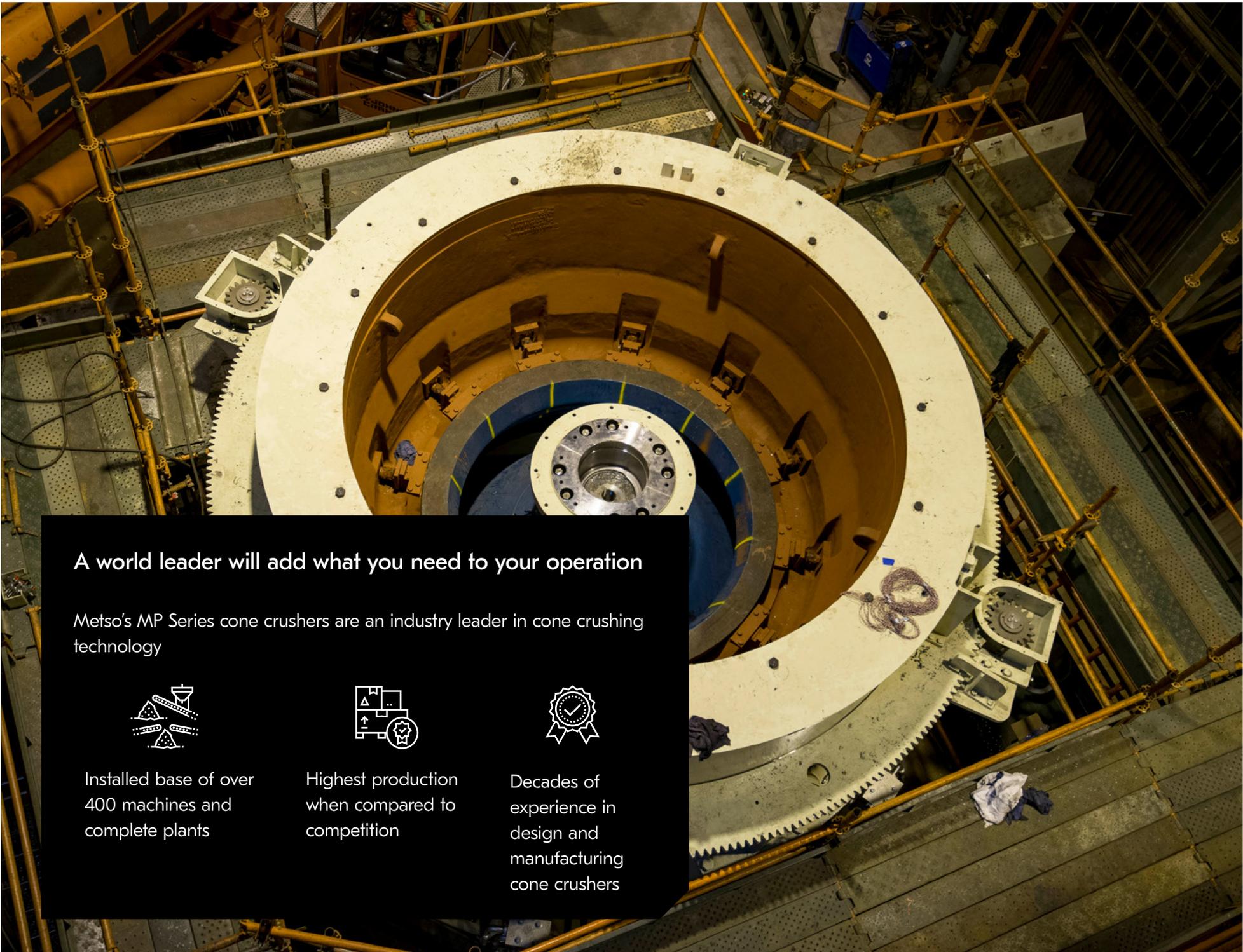
The fully automated hydraulic tramp release passes uncrushables without interruption. The release system maintains the crushing force and automatically returns the crusher to its production setting after a tramp event. A more reliable automated tramp release is not found on any other crusher.

Ease of operations

Push-button controls on the MP Series cone crushers give the ease of operation. Adjustments can also be remotely taken care of due to the control system. Force sensors indicate that safe operation continues after setting adjustment is initiated either by the operator or expert system.

Adaptability

The MP Series is designed to operate at various speed and cavity combinations to meet a wide range of application requirements. The crusher's large unrestricted feed opening with a high pivot point creates an active feed opening that can adapt to increasing feed size.



A world leader will add what you need to your operation

Metso's MP Series cone crushers are an industry leader in cone crushing technology



Installed base of over 400 machines and complete plants



Highest production when compared to competition



Decades of experience in design and manufacturing cone crushers

Product Range

Metso has an extensive range of MP Series cone crushers to meet the needs of your operation. The MP Series cone crushers will be able to accommodate your range of capacity needs.

Crusher Capacities

	CSS=50mm	CSS=38mm	CSS=25mm	CSS=19mm	CCS=13mm
MP800	1460-1935	1100-1285	735-980	580-690	495-585
MP1000	1830-2420	1375-1750	915-1210	720-900	615-730
MP1250	2290-3025	1720-2190	1145-1510	900-1125	770-915
MP2500	4305-5867	3234-4117	2153-2839	1560-920	-

This table shows crusher capacities for each model of the MP Series cone crushers. The closed side setting (CSS) is measured in millimeters (mm), while the values in the boxes underneath are in metric tons per hour (mtph).



Crusher parts and services



Comprehensive services network
and aftermarket parts available



Get the most out of your crushing circuit. Whether you are looking to minimize downtime, increase capacity, lower your cost per ton, or meet specific size-reduction requirements - Metso can support you.

Metso is a frontrunner in providing sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By helping our customers increase their productivity, improve their energy and water efficiency and environmental performance with our process and product expertise, we are the partner for positive change.

Visit this page for more information:



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