

Metso

Superior XM Series crusher upgrades

Rotable shell solution



The Rotable shell solution is available for any Superior™ gyratory crusher.

Metso's Rotable shell solution is the key to faster and safer shutdowns for your operation, reducing downtime by up to 45%.

Challenges

Relining a gyratory crusher in the field can be time consuming, carry safety concerns and takes your crusher offline while the reline is taking place.

What it is

Metso's Rotable shell solution has been designed so that the top shell of your gyratory crusher can be quickly and safely removed from the bottom shell. The top shell can then be moved to a controlled environment where the relining can take place. This allows for liner changeouts to be performed while the shells are safely away from the primary crusher. A second set of shells is kept relined and ready to be installed, getting your crusher running much quicker than traditional liner changeouts. Optional transport frames and tooling are offered separately for increased safety and ease of handling.

How it helps

Higher production with less downtime
Rotable top shells were designed to allow the end user to change liners faster than a traditional on-site reline. Complete top shells are removed with hydraulic separators providing easier access to the bottom shell. With the second top shell already relined and waiting for use, time spent changing and handling liners in situ is virtually eliminated, thus reducing downtime.

Higher safety

Adding Rotable top shells to your primary gyratory crusher provides an immediate impact in terms of safety for your maintenance team. By allowing the liner changeouts to take place away from the crusher, a controlled environment can be set up to manage risk to your crews without shutting down production.

Sustainability advantage

Using the Rotable top shell system helps to responsibly manage your maintenance needs. Reducing the amount of time necessary for changeouts increases efficiency and improves site Health, Safety and Environment (HSE).



Read more at
metso.com/gyratory-crusher-upgrades