

Metso

Superior XM Series crusher upgrades

Self aligning mainshaft



The Self aligning mainshaft is available for any Superior™ 75 and 89 sized gyratory crusher.

The Self aligning mainshaft increases safety and helps to prevent parts from being damaged during maintenance work on the mainshaft.

Challenges

Installation of the mainshaft requires maintenance crews to work under a suspended load, potentially exposing them to risk as they monitor the seals to prevent damage and make sure the mainshaft seats properly into the bottomshell bushing.

What it is

As part of our crusher upgrades portfolio, Metso is proud to introduce the Self aligning mainshaft for your 75 and 89 series Superior™ crushers. Designed to eliminate the potential for damage to your seals or mainshaft during mainshaft installation, our new self aligning system eliminates potential for damage, extending the life of your crusher parts. The Self aligning mainshaft upgrade consists of a newly designed mainshaft, a new alignment ring and updated designs for the dust seals, collars and retainers needed to operate your crusher.

How it helps

Increased uptime

The new Self aligning mainshaft helps keep your crusher producing for the long haul. By preventing damage to your seals or galling to the mainshaft or eccentric bushing, the chances of premature wear or damage that could reduce the life of your components is reduced dramatically. The new design also helps to decrease crusher downtime during routine maintenance or mantle changeouts, which returns your crusher to operation faster.

Sustainability

As part of our continued efforts to reduce the environmental impact of your operation, Metso has created the Self alignment main shaft as a rework for current parts to help lower your impact on the environment and save you money. By keeping your current parts available and in production, we prevent your operation from having to scrap valuable parts due to a design change.



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