

Metso

MP XM Series crusher upgrades

Top mount clamping cylinders



The Top mount clamping cylinder upgrade is available for Nordberg™ crusher models MP800, HP800, MP1000, MP1250 and MP2500.

The Top mount clamping cylinder was created to simplify maintenance and increase part life on your Nordberg™ HP or MP Series crusher.

Challenges

The traditional clamping cylinder design can end up being neglected as a maintenance item due to the difficulty of its replacement. In order to replace one failed cylinder, the entire ring needs to be removed to replace any that may have failed. This can be a time consuming operation that can impact your production if failures happen unexpectedly.

What it is

The Top mount clamping cylinder upgrade redesigned our clamping cylinders and clamping ring to allow repairs to be performed from the topside of the clamping ring. This makes changing out clamping cylinders as simple as bolting in the new unit and connecting the hydraulic lines. Designed for heavy duty applications, the Top mount clamp cylinder achieves significantly longer life than the traditional clamp cylinder design. The new design improves the lateral stability of the rod when pressurized, preventing damage to the seals. The upgrade package is composed of the clamp cylinders, hoses, hardware, clamp ring re-work drawings or new clamp ring and hydraulic fittings.

How it helps

Maximize production

Metso's Top mount clamping cylinder upgrade redesigned the clamping cylinder to provide extended life. When it does come time to perform maintenance on your clamping cylinders, repair timelines are drastically improved, meaning your crusher is back up and running faster.

Improved safety

By redesigning your clamping cylinders, Metso has made repair work safer and simpler for your maintenance teams. The new design makes replacement as simple as bolting the new cylinder in from the top of the clamp ring, reconnecting the lines and reassembling the crusher.

Sustainability advantage

The extended part life of your clamping cylinders mean that you use less cylinders over the life of your crusher. The Top mount clamping cylinders can also utilize your existing clamping ring by reworking the existing part, maintaining the relevance and value of your existing spares.



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