

Metso

Superior™ gyratory crusher upgrades

Hydraulic shell separator



Available for any Superior™ gyratory crusher.

Metso has introduced the Hydraulic shell separators to simplify the maintenance of your crusher and keep your crews safe.

Challenges

Traditional shell separation requires your staff to use wedges or jackscrews to drive the shells apart, exposing repair teams to the potential for strain or fall injuries while performing maintenance on the crusher.

What it is

Metso's Hydraulic shell separators for your Superior™ gyratory crusher make shell separation safe and easy for your maintenance crews. Once the hydraulic separators are installed and connected to the manifold block, separating the shells becomes as simple as using a hand pump. The separators do the work to pop the joint seal, saving the labor of having to manually separate the shells. This easy to install kit consists of the hydraulic cylinders, hydraulic pump, hoses, manifold, mounting collars, and all the hardware required.

How it helps

Increased Uptime

The Hydraulic shell separator kit is easy to use for your staff, requiring only a single hand pump to separate the shell. This speeds up repair procedures and gets your crusher back running faster.

Safety

Traditionally, the design of a primary gyratory crusher forced your crews to use manual jacking screws to unlock the taper fit holding the shells together. When converting to use of the Hydraulic shell separators, the hydraulic pump included with the upgrade kit is used to connect to the cylinder manifold. The pump is then pressureized to unlock the tapered shells, resulting in the removal procedure of the spider from the topshell for maintenance being faster and safer to perform.



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