

Metso's new HP5 cone crusher offers tailored performance

2 April 2015 by Metso

Metso, the leader in reliable, sustainable products and services in mining, aggregates, oil & gas and other process industries, has introduced new cone crusher to the global market. Metso designed the new HP5 cone crusher with safety, simplicity and eco-efficiency in mind. Automatic settings, specialized maintenance tools, reduced emissions and energy-efficient motors are just a few of the improvements built into this new cone crusher.

Highest performance

The Nordberg® HP5(TM) follows the successful HP3, HP4 and HP6 as the fourth model in an all-new range of high-performance cone crushers. The design of new Nordberg HP5 leverages Metso's 100+ years of crusher know-how and experience with more than 9,000 HP cone crushers in operation worldwide. The result is a crusher that delivers the perfect combination of efficient crushing action, optimal feed size, high performance and the lowest cost per ton.

With 5% larger feed size versus the HP400 and higher capacity than the HP500 in tertiary applications, the HP5 is just unbeatable in its class. In addition, a higher cavity density improves interparticle crushing action for end products with more consistent gradation and superior shape.

Less downtime, easy and safe to maintain

An advanced fastening system for the mantle and bowl liner eliminates the need for backing material, and makes liner changes safer and faster. Thicker liners result in more material to wear. The HP5 cone crusher is also easy to disassemble, and all components are accessible from the top or side. The bowl and head are easily and safely removed with no interference.

A new motor support allows the belts to be stretched hydraulically, and lifting points have been redesigned to easily and safely lift the HP5. Platform guards help to ensure operator safety and protection.

Metso IC70C crusher automation ensures optimal performance

The HP5 features Metso's innovative IC70C crusher automation system. The IC70C is precisely designed to meet customer expectations and crushing plant requirements for consistent production, safety and easy

control of crusher parameters.

Feed and discharge conveyors control, wear compensation, auto setting adjustment and computer remote control are just a few of the many benefits the IC70C system offers.

Source: Metso Corporation