

Metso

Redefining IPCC productivity

In-pit crush and convey solutions



Metso in-pit crush and convey (IPCC) solutions are extending minerals processing expertise into the in-pit environment to redefine IPCC productivity.

With our team, technology and services, Metso combines the industry's strongest building blocks for successful in-pit crush and convey operations.

Planning

Our experience driven IPCC planning services allow us to support our customers with pre-defined study work packages that are in line with common study phases used throughout the industry. Our team uses an integrated methodology to determine the optimal pit shape and mine schedule in alignment with system configurations, which utilizes advanced engineering tools to increase the speed of project definition and certainty of outcome.

Technology

Metso IPCC solutions include industry-leading crushing, conveying and stacking equipment. A key highlight of the IPCC solution is the Foresight™ semi-mobile primary gyratory (SMPG) station, which features the SUPERIOR™ MKIII crusher and patented SmartStation features.

Find benefits such as reduced downtime, plant height, and downtime combined with controlling material size for optimal processing.

Also the IPCC solutions are part of the Planet Positive portfolio for Metso due to the improved energy efficiency.

Read more at metso.com/ipcc

Services

Services are a key part and a proven piece of our IPCC solutions. Life Cycle Services (LCS) are available for supporting the operation. Connected analytics allows equipment to be better managed through staying connected at all times and reducing unplanned downtime. Also, the IPCC offering includes off-site and on-site assembly options.

Together, our services offering provides a continuous partner in optimizing your operation.

Benefits

- Up to 30% higher capacity on the same crusher size and 70% reduced downtime with SUPERIOR™ MKIII primary gyratory technology
- Up to 30% power savings with patented Energy Savings Idlers (ESI)
- Improving maintainability through improved crusher access and plant area isolation
- Over 400 LCS and services contracts with 92% renewal rate

Experience meets expertise

100+ crushing stations and 1,000+ kilometers of conveyors installed are testament to Metso's expertise to deliver in-pit crush and convey solutions.



Crushing

Foresight™ SMPG Station
Lokotrack® mobile solutions

Conveying

Overland conveyors
Relocatable conveyors
Mobile conveyors
Shiftable conveyors

Stacking

Fixed stackers
Rail-mounted stackers