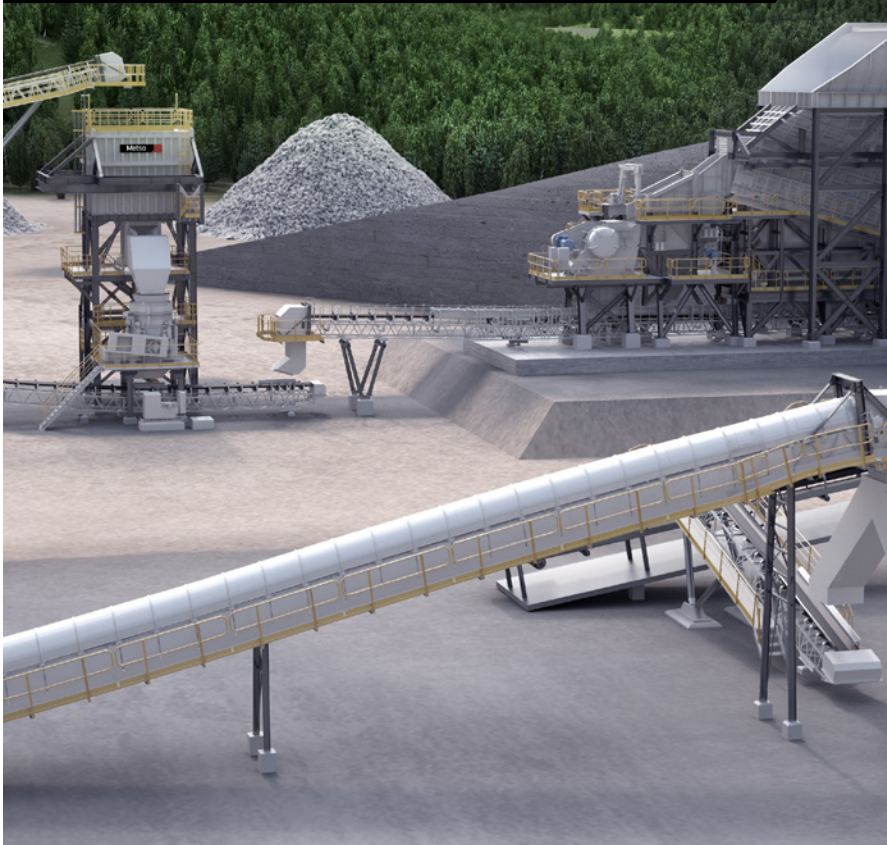


Metso

Enabling optimization through sense

RockSense™ product family



Application

Using the latest technologies, the RockSense™ portfolio products enable continuous and accurate online information regarding the on belt coarse particle size distribution.

With the Metso RockSense™ product family - RockSense 2D™ and RockSense 3D™ - you can take comminution optimization to the next level due to better knowledge of particle size distribution (PSD) on the belt.



RockSense 2D™

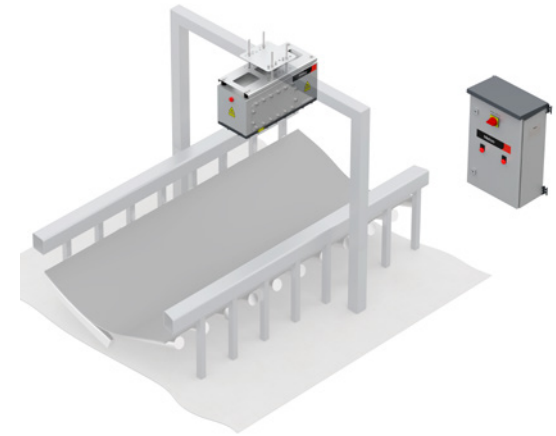
Metso RockSense 2D™ is an online particle size analyzer system for rocks moving on a conveyor belt that uses 2D imaging technology. With this high-performance technology, operators are able to achieve improved stability and efficiency in their crushing and grinding process.

Established camera-based system

This two-dimensional particle size measurement provides critical information of material to the crushing and grinding area. Trend monitoring and advanced control enables additional crusher control and grinding optimization.

Main features of RockSense 2D™ include:

- Continuous on belt coarse particle size distribution
- Based on reliable camera technology
- Integrates with control applications
- Maximized productivity
- Improved Image Miner



RockSense 3D™

Using artificial intelligence (AI) and 3D imaging, the Metso RockSense 3D™ provides accurate and continuous on belt coarse particle size distribution and volume flow estimation. The neural network capability allows for detection of foreign objects and oversized lumps.

Reliable scanner-based technology

Due to the 3D measurement of particle size distribution and total volume on the belt, this scanner-based technology is ideal for high precision applications. This impressive 3D imaging technology results in improved grinding circuit analytics.

Main features of RockSense 3D™ include:

- Continuous on belt coarse particle size distribution
- High accuracy and control applications
- Cumulative volume flow estimation (m³/h)
- High-performance 3D imaging technology
- Utilizes AI for recognition and detection
- Improved Image Miner

Read more at metso.com/portfolio/RockSense