

# Metso



## Digital solution for Vertimill® stirred milling technology VertiSense™



Grinding

Strict regulations, declining ore grades, rising energy costs, and shortage of labor and expertise are key challenges in mining operations. With digitalization, assets have become information sources, offering numerous benefits.

VertiSense™ is a new technology designed to monitor liner wear in real time, which results in more profitable, efficient and sustainable operations.

### Vertimill®

With over 500 units installed worldwide, the Metso Vertimill® is globally recognized as an energy efficient grinding mill. Through a low total cost of ownership, it brings substantial improvement to the profitability of concentrators.

### Easy installation

Installing the VertiSense™ is quick, simple and easy. Installation and start up don't require stopping the mill, which leaves operations unaffected. The sensors and systems also require minimal space.

Our sensors are placed at specially selected locations on the shell of the Vertimill®. They wirelessly communicate with the Edge Computers. The Edge Computers can be installed in a secure, safe location near the mill where power cables can be run, such as a beam.

### Components

The VertiSense™ consists of three components: the sensors, the Metso Edge Computer Panel and Metso Metrics.

Read more at  
[metso.com/vertimill](https://metso.com/vertimill)



### Benefits

- Ease of installation, maintenance and use
- Optimized efficiency by ensuring wear parts are being replaced at the best time
- Minimized unplanned maintenance downtimes