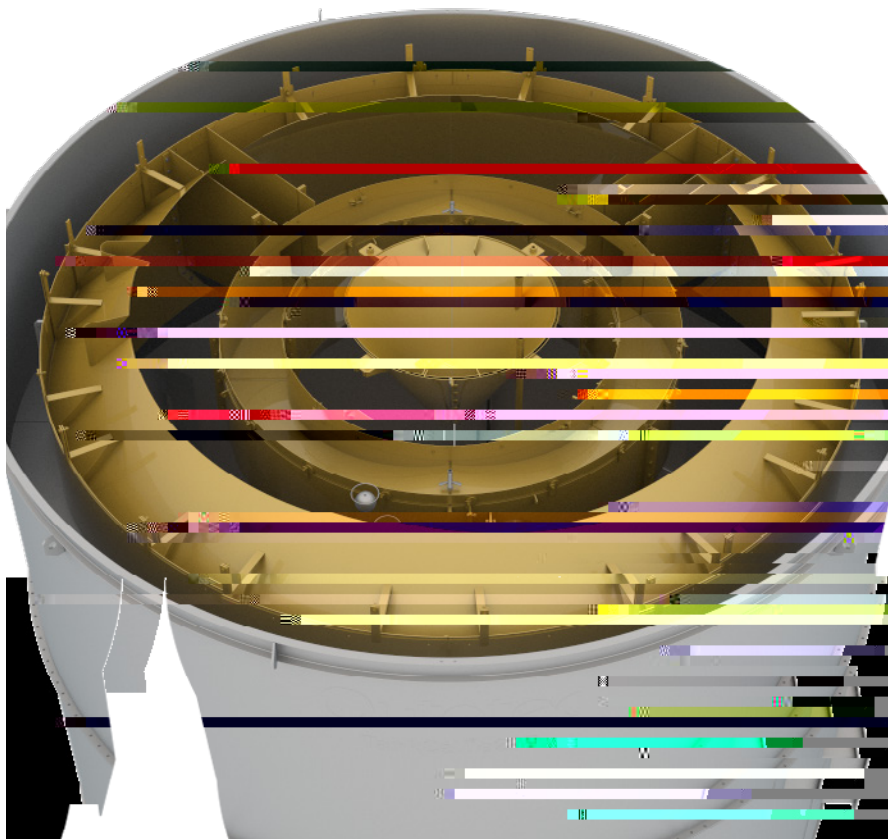


Metso

Flotation services

Center launder upgrade



Flotation

Improved recovery in the flotation circuit is possible through one positive, sustainable, and efficient upgrade.

The Metso center launder upgrade can deliver substantial improvements in a key aspect of the flotation process: froth recovery.

In order to secure maximum flotation performance, both collection zone recovery and froth recovery need to operate efficiently.

Both collection recovery and froth recovery need to operate efficiently to obtain maximum recovery.

Collection recovery involves combining slurry, air, and chemical reagents in a tank and agitating them to create bubbles that carry valuable materials to the surface.

The froth must be promptly collected to the launder lip to maximize froth recovery. Optimal flotation recovery is achieved when these two processes work efficiently in harmony.

The Metso center launder upgrade is composed of three parts:

- Center launder
- Outer crowder
- Froth cone

Each is tailor-made for your site to address your specific conditions.

The center launder radically reduces the froth transport distance to the launder lip.

A shorter transport distance enhances the likelihood of froth overflowing the launder lip. The longer the transport distance the more likely the bubble is to burst, resulting in the valuable material sinking back to the bottom of the tank, and being carried out with the tailings.

The new froth cone and outer crowder

The Metso center launder adjusts the froth area produced by the equipment in each cell, resulting in higher froth recovery and higher concentrate mass pull, and higher recovery throughout the circuit. The cells recover more valuable material reducing loss through the tailings

This is achieved by (X) of the equipment (through the)

Benefits

Improved metallurgical performance
Maximized mass pulls
Improved concentrate

Robust and flexible
Enhanced flow control
Easy to upgrade existing cells

Metso is a frontrunner in providing sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By helping our customers increase their productivity, improve their energy and water efficiency and environmental performance with our process and product expertise, we are the partner for positive change.

