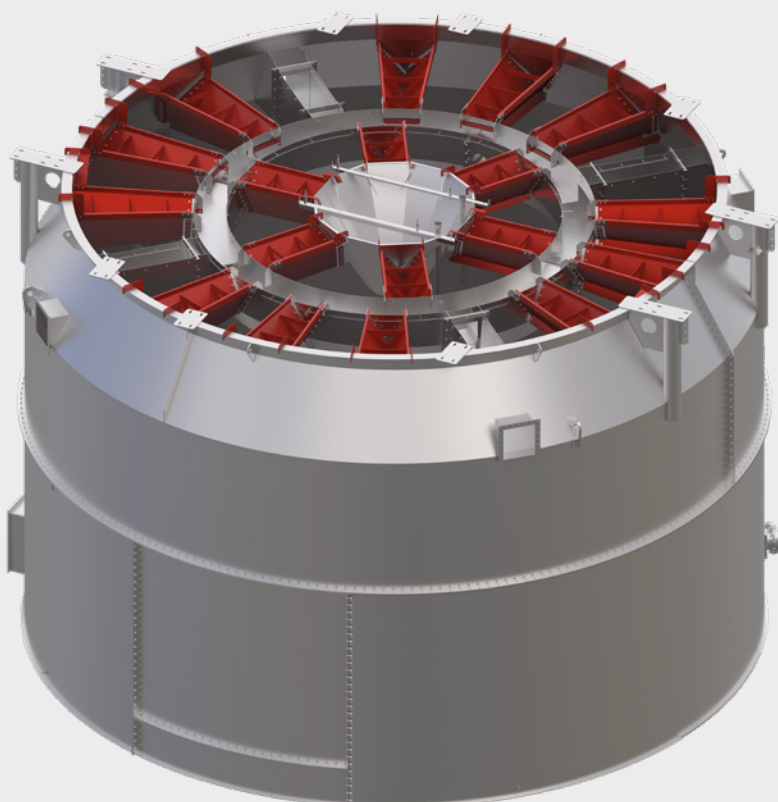


Metso

Flotation services

Spider crowder upgrade



Flotation

Elevating your flotation process in large cells

This innovative upgrade maximizes froth recovery in large cells for improved metallurgical performance and reduced operating costs.

The challenge: Large flotation cells need superior froth management

Larger flotation cells equipped with center launders, while efficient, require superior froth management due to their substantial surface area. Without an optimized froth zone these cells may suffer from shallow froth bed, stagnant froth and pulping, leading to poor froth recovery, decreased efficiency and sub optimal results. The Metso Spider Crowder offers the solution.

Key benefits of the upgrade

Enhanced metallurgical performance: our innovative design improves froth recovery by reducing froth surface area and transport distances, resulting in superior metallurgical performance.

Energy efficiency: The spider crowder upgrade optimizes air flow rates, potentially reducing air blower energy consumption, saving you costs in the long run.

Improved process control: increased froth depth enhances your process control, giving you more flexibility and control over your operations.

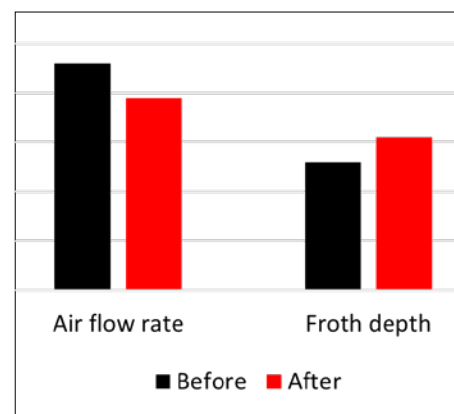
The upgrade in detail

Easy installation: The spider crowder is designed for easy installation as an upgrade with minimal downtime and required crew, ensuring a hassle-free transition.

Customizable crowdors: two types of crowdors are available, designed for the inner and outer areas of the center launder, based on your specific crowding needs and required froth balance and stability.

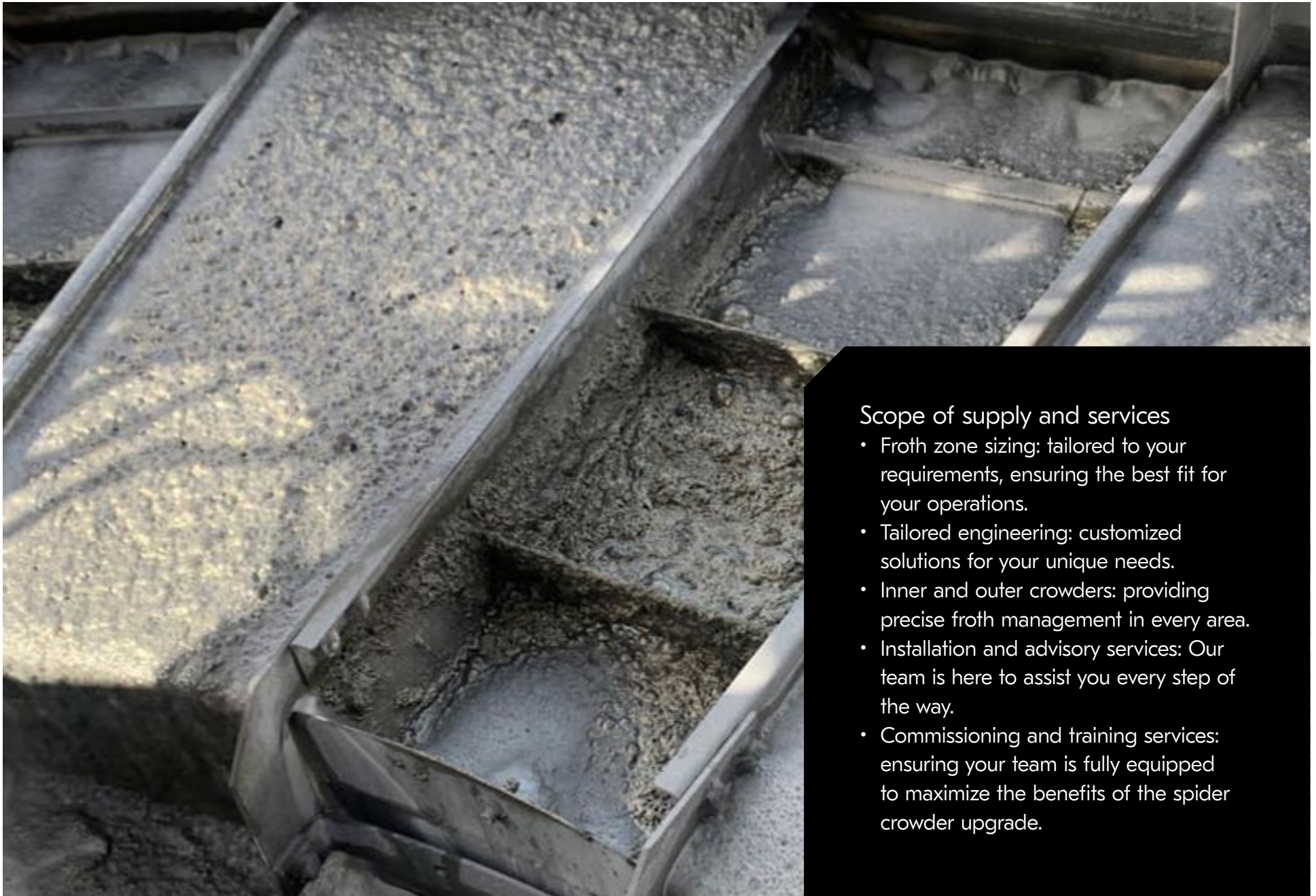
Innovative design: The new crowder design is a game-changer, enabling servicing larger flotation cells already equipped with center launders by providing more crowding close to the tank perimeter.

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



Benefits

- Enhanced metallurgical performance
- Improved process control
- Lower operating costs
- Easy tank access for maintenance and compatibility



Scope of supply and services

- Froth zone sizing: tailored to your requirements, ensuring the best fit for your operations.
- Tailored engineering: customized solutions for your unique needs.
- Inner and outer crowders: providing precise froth management in every area.
- Installation and advisory services: Our team is here to assist you every step of the way.
- Commissioning and training services: ensuring your team is fully equipped to maximize the benefits of the spider crowder upgrade.