Metso

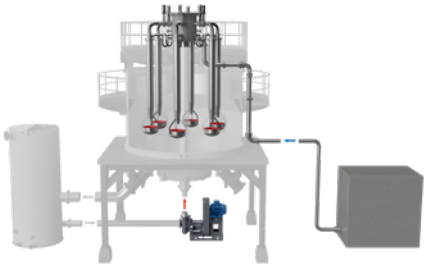
Flotation upgrade services

Concorde Blast Tube™ upgrade

Flotation

A flotation enhancement to recover the unachievable fines and ultra-fines ore values with a Concorde Blast Tube™ Upgrade

The Concorde Blast Tube™ upgrade improves the metallurgical performance of your existing self-aspirated pneumatic flotation cell.



Benefits

- Expert engineering and installation
- Increased process control and stability
- Enhanced metallurgical performance
- Improved efficiency and sustainability

The Metso Concorde Cell™ sets a new benchmark in high-intensity pneumatic flotation by recovering unachievable fine and ultra-fine particles.

This results in significant revenue gains for your operation as well as minimizes plant operating costs, energy and water consumption per metal production targets.

The Concorde forced air Blast Tubes treat 100% of fresh feed combined with tailings recycling for improved performance, allowing for finer grinding to gain additional liberation without the risk of valuable particles being reported to tailings.

Air blowers and advanced air control instruments make it possible to feed forced air. This allows a wider process control and stability for further flotation optimization.

The upgrade

A direct retrofit from self-aspirated pneumatic flotation cell to Concorde Cell technology is possible with a Concorde Blast Tube upgrade.

Upgrading your existing cell with Concorde Blast Tube is the perfect solution for complex and previously inaccessible ores types within various mineral processing flow sheets.

Read more at metso.com

Upgrade to recover the unachievable fines & ultra-fines ore values

Concorde Blast Tube™ upgrade

Key features

- High energy dissipation and smaller bubble size distribution produced by supersonic shock waves
- Forced air allows higher air-to-pulp ratios
- Internal tailings recycling and integrated level control independent of flotation air control

Scope of supply

- Blast Tubes
- Slurry/air distributor
- Flotation air control
- Flotation blower arrangement