Metso

Flotation solutions

15 reasons to choose Concorde CellTM





Recover the unachievable ore value

The Concorde Cell[™] sets a new benchmark in high intensity pneumatic flotation by recovering unachievable fine and ultrafine 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.

Why choose Concorde Cell[™]?



Superior recovery of fine and ultra-fine particles



Optimized froth recovery and improved selectivity



Forced air allows wider process control and stability for further flotation optimization



Pre-aerated slurry raised to supersonic velocities and exposed to high local energy dissipation for increased bubble particle collection and fast flotation kinetics



Concorde Blast Tube™ treats 100% of fresh feed combined with tailings internal recycle for improved performance



Flotation cell froth area designed for optimized froth carrying rates

Froth washing designed for

gangue rejection

no moving parts

ratios

improved enrichment ratios and

The cell is easily maintained with

Forced air allows higher air-to-pulp



Allows recovery of particles that are otherwise unrecoverable



Decreases particles being reported to tailings



Decreases plant footprint due to faster flotation kinetics







Internal tailings recycling and integrated level control independent of flotation air control



No fear of overgrinding as Concorde Cell improves flotation selectivity



When combining Concorde Cell with TankCell® technology, customers can unlock the potential for even further improved performance.

Read more here: metso.com/concordecell 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**.

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