

Metso

Flotation solutions

15 reasons
to choose
Concorde
Cell™





Recover the unachievable ore value

The 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.

Why choose Concorde Cell™?

- 1 Superior recovery of fine and ultra-fine particles
- 2 Optimized froth recovery and improved selectivity
- 3 Forced air allows wider process control and stability for further flotation optimization
- 4 Pre-aerated slurry raised to supersonic velocities and exposed to high local energy dissipation for increased bubble particle collection and fast flotation kinetics
- 5 Concorde Blast Tube™ treats 100% of fresh feed combined with tailings internal recycle for improved performance
- 6 Flotation cell froth area designed for optimized froth carrying rates
- 7 Froth washing designed for improved enrichment ratios and gangue rejection
- 8 The cell is easily maintained with no moving parts
- 9 Forced air allows higher air-to-pulp ratios
- 10 Internal tailings recycling and integrated level control independent of flotation air control
- 11 Allows recovery of particles that are otherwise unrecoverable
- 12 Decreases particles being reported to tailings
- 13 Decreases plant footprint due to faster flotation kinetics
- 14 No fear of overgrinding as Concorde Cell improves flotation selectivity
- 15 When combining Concorde Cell with TankCell® technology, customers can unlock the potential for even further improved performance.

Read more here:
metso.com/concordecell

