

Metso

Flotation

FloatForce®+ mixing mechanism



Flotation

An evolution in mixing efficiency.
Floating above the rest!

Evolving from FloatForce's legacy, our industry-leading technology continues to offer energy efficiency, cost-effective maintenance, and metallurgical excellence.

For almost 20 years, Metso's FloatForce has stood as the foremost flotation mixing mechanism in the industry. Introducing the FloatForce+, our next-generation mixing mechanism seamlessly extends the proven performance legacy of FloatForce, delivering amplified advantages.

Elevate metallurgical performance

Elevate operational efficiency with FloatForce+. This ingenious mixing mechanism improves metallurgical performance through impeccable mixing across diverse process conditions.

Redefined sustainability

Embrace eco-conscious engineering. The new design consumes less energy while maintaining the unmatched mixing efficiency of its predecessor. This solution is produced using sustainable practices resulting in a lower environmental footprint, reflecting our sustainability commitment.

Revolutionary design, enhanced efficiency

FloatForce+ exemplifies innovation and was developed through extensive CFD, laboratory, pilot, and industrial testing to align with mining sustainability trends.

Patented features include a streamlined structure with optimized design to reduce power draw without compromising pumping performance.

Attain excellence, every time

Choose FloatForce+ for peak metallurgical performance, operational efficiency, and unwavering reliability. Your journey to elevated outcomes starts here, with a solution setting the standard for flotation technology.

Read more at metso.com/floatforceplus

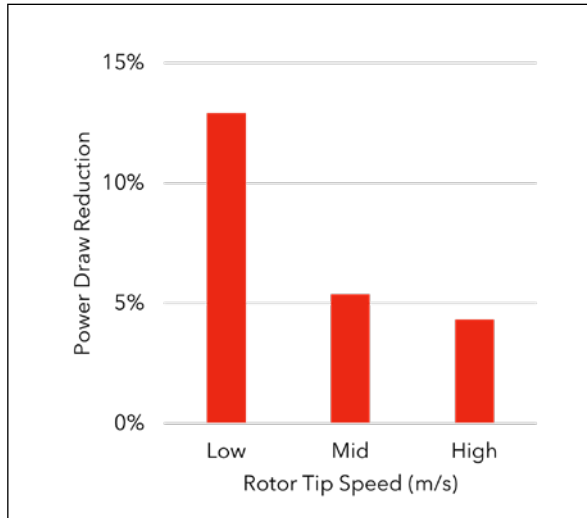


Benefits

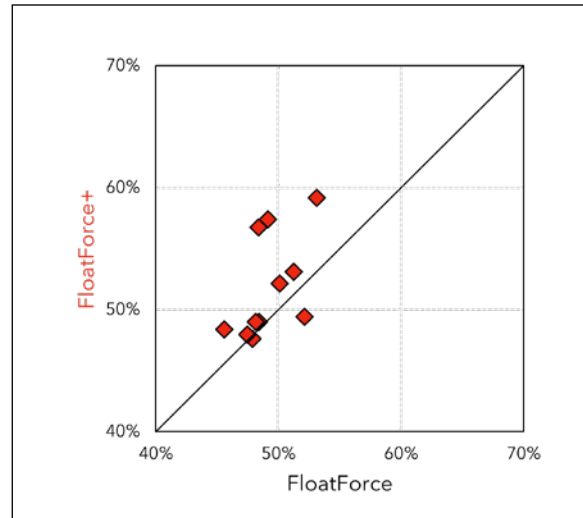
- Energy efficient
- Enhanced metallurgical performance
- Easy to replace and retrofit to existing cells
- Improved design with less waste material

FloatForce[®]+ vs FloatForce[®]

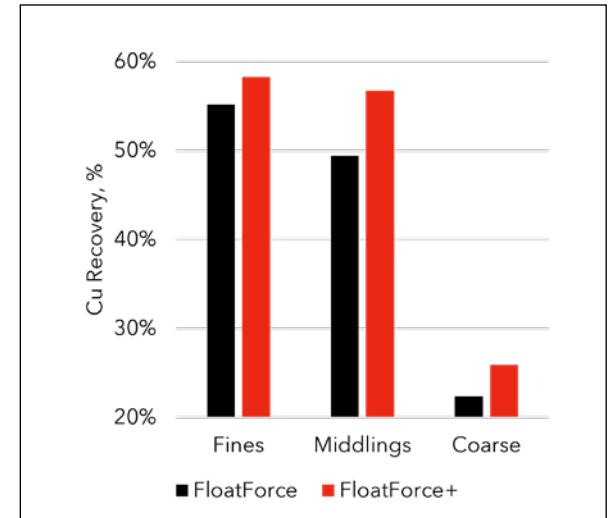
Various tests exhibited consistently promising outcomes related to reduced power draw and metallurgical performance.



FloatForce+ vs FloatForce at different speeds



FloatForce+ vs FloatForce Cu recovery



Cu recovery of first rougher cell

Enhance performance and meet new targets now
 The FloatForce+ is offered as an upgrade service for current installations, including OK, and TankCell[®] equipment, as well as non-Metso flotation cells. Our service experts provide a comprehensive package, covering hardware, mechanical engineering, installation supervision and metallurgical expertise.

More info:  

