Froth Recovery Upgrade Package
Improve metallurgical performance with advanced froth phase control

WE DISCOVER POTENTIAL
The Froth Recovery Upgrade Package enables you to better control the froth phase. The addition of the radial froth crowders adds a new dimension to the control strategy, enabling you to shift the grade recovery curve by allowing either deeper froth or faster froth removal.

Superior froth level control and metallurgical performance

Key benefits

- **Improved recovery**
  Get more product through higher recovery

- **Higher grade**
  Deliver the grade requirement more easily with a cleaner product

- **Enhanced flexibility**
  Achieve higher throughput at the same performance

- **Reduced use of reagents**
  Lower the amount of reagents to save costs

- **Better control of the froth level**
  Get better reaction to feed fluctuations

- **Better control of surface stability**
  Reduce the WEMCO wave with the added crowders
**Actuators**  
Designed by Festo, exclusively for FLSmidth, actuators control the position of the dart valve inside the flotation cells.

**Level Sensor**  
Featuring a new robust design with no moving parts, the level sensor accurately senses slurry level.

**Radial Froth Crowders**  
Designed for greater flexibility and control, radial froth crowders reduce top-of-froth surface area and increase froth movement to the nearest radial launder.
Bringing better solutions to light

in the cement and mining industries

The future is full of possibilities and you are leading the way. But it's never a straight journey and it's easy to lose sight of true potential. With an ally by your side who shares your ambitions and who sees your world from different angles, we will find the right way together.

For more than 135 years, we have challenged conventions and explored opportunities. Across more than 50 countries, we are 13,000 employees who combine our unique process-knowledge on projects, products and services to drive success. We develop the most advanced technology in our industries and offer market-leading product and service ranges.

Rooted in Danish values, we employ our knowledge and experience to navigate your complexity and bring better solutions to light. So no matter where in the world you are, we are here to help you discover new ground and achieve sustainable productivity enhancement.

We are the market-leading supplier of engineering, equipment and service solutions to customers in the global mining and cement industries.

We discover potential.