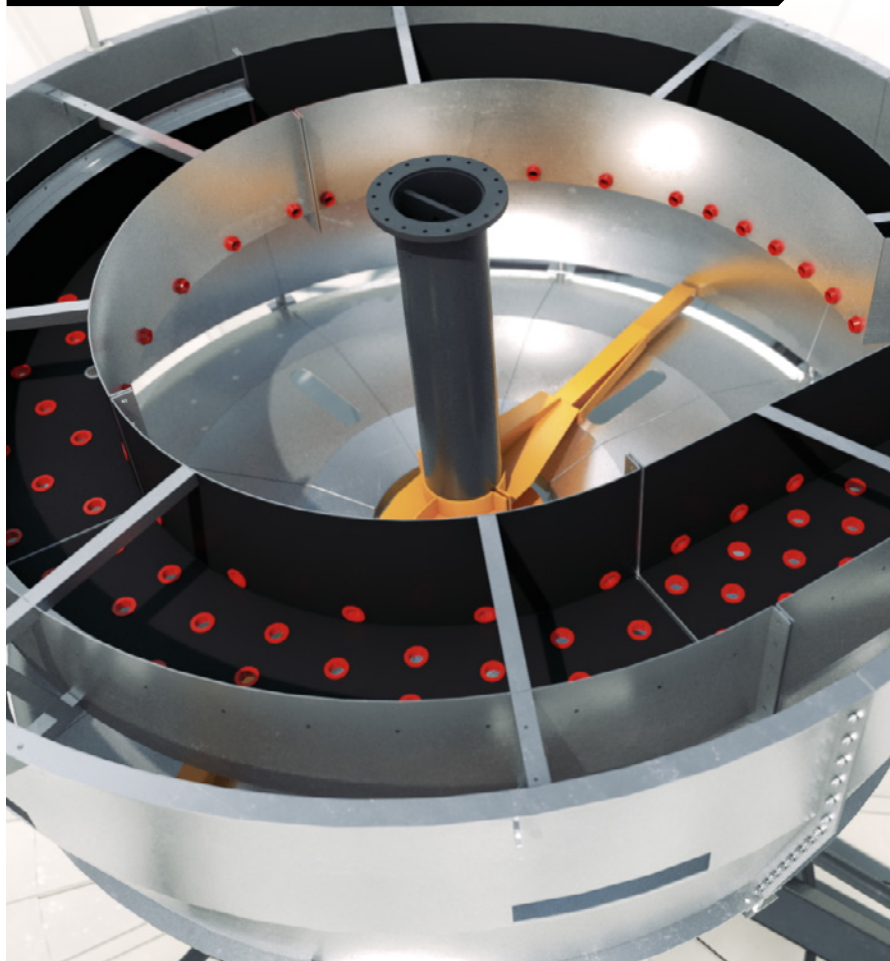


Metso



Thickener upgrades

Reactorwell™ upgrade



A first-class feed system that maximizes thickener performance while minimizing flocculant consumption and bringing significant cost efficiencies.

We aim to make the upgrade process easy through our expertise and support:

- Process reviews & optimization
- Installation & commissioning
- Testwork to drive performance-based improvements process efficiency

Maximize thickener performance

With the Reactorwell upgrade, you can reach your sustainability targets while optimizing thickener performance and minimizing flocculant consumption. Experience significant cost efficiencies in your operations while contributing to a greener future.

The Reactorwell upgrade transforms your thickener feed system, tailored to adapt to changing process conditions throughout your minerals processing plant's lifetime.

Next-generation feedwell design

The Reactorwell upgrade introduces a cutting-edge feedwell with a unique channel and mixing jet design. This innovation enhances solids retention and mixing efficiency, eliminating feed short-circuiting.

Our engineers have meticulously optimized the Reactorwell™ using advanced CFD simulations, ensuring it offers lower shear for ideal floc growth, impeccable discharge symmetry, and impeccable feed preparation. The best part? It's compatible with most thickeners.

Benefits

- Minimized environmental impact
- Lower operating costs
- Increased equipment & process efficiency
- Easy to maintain

Read more at [metso.com](https://www.metso.com)

Reactorwell™ upgrade

A leap forward in performance

Elevate your thickener performance, reduce operational costs, and reach your sustainability goals with the Reactorwell™ upgrade. Join the movement towards a greener and more efficient future in minerals processing

How it works

- Feed enters the feed channel, evenly distributed through the mixing nozzles
- Dilution water flash mixes with the feed, achieving optimal feedwell solids concentration
- Flocculant is introduced outside the feed channel, gently forming aggregates in a low-shear environment

Unparalleled performance

The Reactorwell upgrade delivers maximum thickener usage, enhancing thickener operability, and responding better to process changes. Experience improved overflow clarity and higher underflow density, setting new standards in thickener performance.

Cost excellence

Due to its intelligent design and modularity, the Reactorwell is easy to maintain. The feed trough can be removed and replaced effortlessly. Say goodbye to high thickener running costs and environmental concerns. The Reactorwell upgrade offers a leap forward in both performance and sustainability.

