

Metso:Outotec

High rate thickener

HRT-S



Application

HRT-S is a pre-engineered high-rate thickening solution widely used for dewatering of slurries.

HRT-S is a robust pre-engineered high-rate thickening solution that is delivered efficiently, is easy to operate and service.

Metso Outotec is a world leader in thickener technology that is recognized by proven process performance, highest quality and sustainable products.

HRT-S is defined in scope, is modular and ready to sell. With a defined set of features and selected options to choose from, the HRT-S will consistently enable accelerated project deliveries.

Innovative technology

HRT-S includes innovative features in design, such as Reactorwell™ feedwell technology.

Reactorwell™ is a new generation feedwell with high solids retention and mixing efficiency that eliminates feed short-circuiting. Reactorwell™ offers low shear for ideal floccule growth, even discharge symmetry as well as excellent feed preparation.

Reactorwell™ enables maximum thickener usage due to a higher exit symmetry, resulting in better thickener operability and improved response to process changes. It also enables improved overflow clarity with higher underflow density.

Flocculant usage is one of the highest running costs for a thickener. Reactorwell™ features are proven to lower thickener running costs. The improved Autodil™ performance minimizes the need for pumped dilution. This all results in low total cost of ownership.

Planet Positive

Sustainability is one of Metso Outotec's strategic priorities. The company is committed to limiting global warming to 1.5°C. As the next step, Metso Outotec now introduces an all-encompassing approach to sustainability, Planet Positive, which covers the environmental, social and financial aspects of sustainability.

To serve customers' sustainability needs and to increase the size of its ecological handprint, Metso Outotec focuses on further growing its sustainable offering. HRT-S is part of Planet Positive and it enables sustainable modern life through:

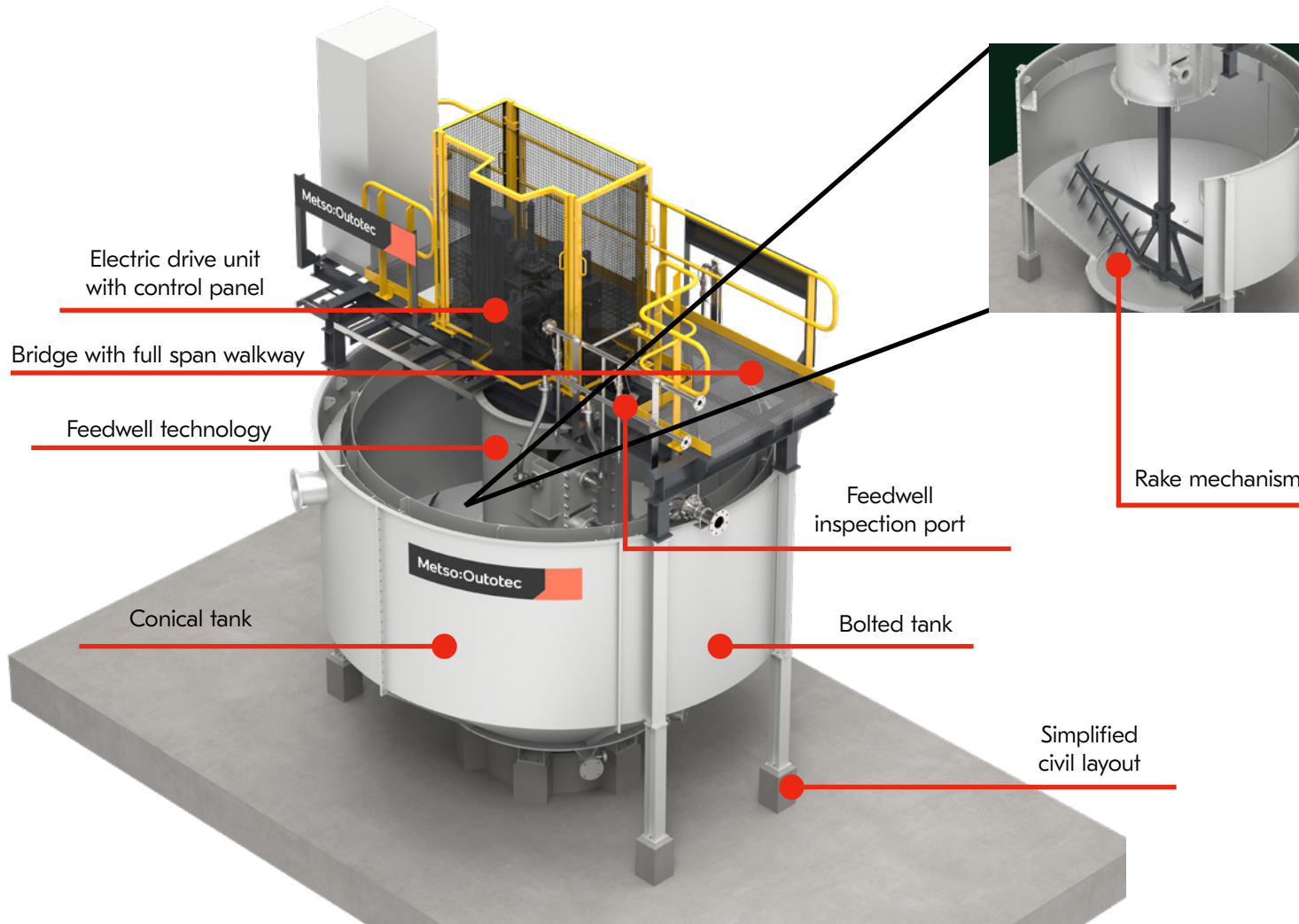
- Efficient dewatering of process slurries
- Savings in power consumption
- Reduction in embedded carbon
- Efficient reagent use
- Decreased maintenance cost

Benefits

- Pre-engineered designs
- Pre-determined transport volumes and packing plans
- Optimized design and sizing based on customer specific requirements
- Efficient flocculation and inventory control through feedwell technology
- Bench-scale and pilot testing combined with process performance guarantees
- High reliability
- Worldwide service

HRT-S

Standard features



HRT-S delivers:

- Streamlined selling processes
- Simplified workflows
- Standardized engineering scope
- Set transport volumes

[Read more at mogroup.com/portfolio/high-rate-thickener/](https://mogroup.com/portfolio/high-rate-thickener/)