

Sedimentation



(Top) Reactor Clarifier
(Bottom) Thickeners



Thickeners

Full range of centre shaft and centre pier drive units with rotating rake arms mechanisms. Choice of several types of support systems, for a variety of advanced thickening or clarification operations in all process industries. Lighter duty versions are available as well.

Reactor Clarifier

Reacotr-Clarifier units are designed and built to provide the most economical solution to precipitation and clarification requirements. The basic machine design provides for coagulation, flocculation, solids recirculation, clarification and positive sludge removal in a single basin - eliminating the need for multiple tanks and associated piping. All units are multiple tanks and associated piping. All units are backed by over 30 years experience in engineering and manufacturing assuring the best fit to unique plant requirements.

CableTorq® Thickeners/Clarifiers

Uniquely designed and patented double hinge-pin attachment of streamlined rake arms, and cable suspension provides automatic and self regulating arm-lift feature and most efficient utilisation of torque capability. Used for all thickener/clarifier applications where maximum versatility and reliability are required to cope with process fluctuations and scaling problems.

High Rate Thickeners

A compact thickener for high capacity thickening. Features proprietary feed-wells that assure maximum thickening efficiency by intensive flocculation. These feed systems allow for achieving roughly 12 times the throughput of conventional machines of similar size while substantially reducing water consumption and saving on flocculant costs.

Deep Cone Thickeners

Deep Cone Paste Thickeners produce underflow solids with a paste consistency and the highest solids concentration of any thickener on the market. Deep Cone Thickeners are state-of-the-art solutions in today's sedimentation processes.

Traction Thickeners

Modification of the centre pier type unit with rake arm rotation by means of drive system mounted externally at tank periphery. Used in handling various industrial and metallurgical thickening applications where particular topography or climate permits or favors this type of external drive.

(Top) Deep Cone Thickeners
(Bottom) Traction Thickener

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