

Thickeners: High Density Unit

Equipped with a new generation hydraulic of drives and low drag-high capacity rakes, Westpro's thickeners deliver superior solids settling performance. The robust construction of the thickeners ensures superior performance in high-torque applications.

ADVANTAGES

- Various tank construction options
- Low drag, high capacity rakes
- Specially engineered, high performance feed well designs for enhanced solids settling
- Options available for flocculant contactors and auto-dilution
- New generation hydraulic drive with high torque capability
- Integrated rake lift drive base with high capacity hydraulic cylinders
- Single hydraulic power unit powers both drive and rake lift
- Automatic rake lift system with pressure switch torque alarms
- Local control panel and PLC

VARIOUS THICKENER DESIGNS

- High Capacity/High Rate
- Conventional
- High Density Underflow (HDU)
- Wastewater treatment

- High angle conical bottom offers high compression of underflow solids.
- Higher sidewalls than conventional thickeners allows for higher underflow SG densities.
- Feedwell evenly distributes the slurry throughout the tank allowing the solids to compress uniformly throughout the settling area.
- Feedwell is designed for optimizing flocculation time.
- High torque rake fitted with vertical pickets allows for water removal from the compacted sludge.

LOW MAINTENANCE

RAKE PROTECTION SYSTEM

EFFICIENT HYDRAULIC DRIVES

Contact Westpro and find your process solution today.

