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

- High angle conical bottom offers high compression of underflow solids.
- Higher sidewalls than conventional thickeners allows for higher underflow 5G densities.
- Feewell 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**

**VARIOUS THICKENER DESIGNS**

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

Contact Westpro and find your process solution today.