

# LANDUSTRIE

## THICKENERS

We supply a complete range of gravity thickener machinery for (gravity) thickening and removal of primary, secondary and stabilised sludge.

Thickening is usually the first step in a water (sludge) treatment plant, because it is impractical to handle thin sludge, a slurry of solids suspended in water. A thickener can reduce the total volume of sludge to less than half the original volume.

Our thickeners are suitable for circular tanks and are fitted with a rotating thickening and removal system.

## PERIPHERAL DRIVE THICKENER

Our peripheral drive thickener can be configured as:

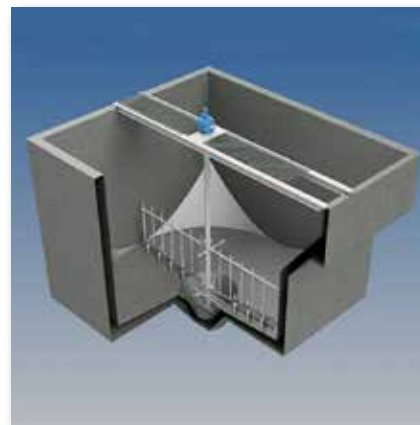
- ⚙️ half bridge: the peripheral side is fitted with a two-wheeled carrier
- ⚙️ full bridge: the bridge is fitted with a two-wheeled carrier at either end

## CENTRAL DRIVE THICKENER

This thickener features a special drive unit fitted to the shaft or cage, which can be equipped with an overload sensor. The scraper arms, which are fitted with rake blades are connected to the drive by means of a shaft or cage.

## SCUM REMOVAL

- ⚙️ Feedwell (inlet drum)
- ⚙️ Obstacle and/or slip protection
- ⚙️ Weirs and baffles, deflection plate
- ⚙️ Optional: complete scum removal device



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