



EQUIPMENTS FOR ENVIRONMENT

1.7 THICKENERS

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General description

MR21N type THICKENER, for installing in circular type enclosures.

Descriptions and characteristics:

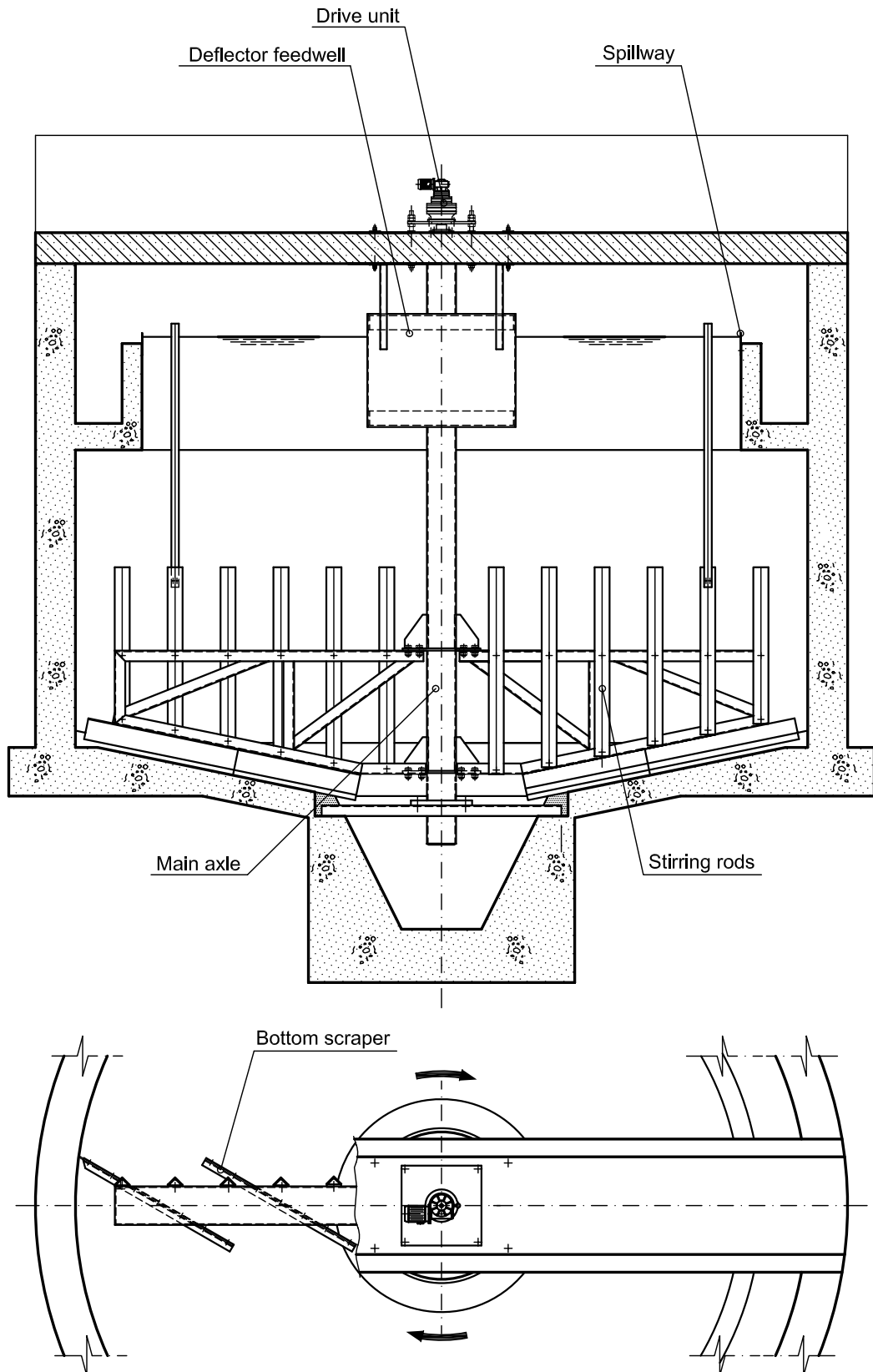
- **Drive unit.** Central driving consisting of a motor reducer unit that directly effects the main axle. It must be provided with a torque limiting device to protect against possible overloads. (electronic module in control panel)
- **Main axle.** Rigidly attached to the drive unit by a flanged link. It transmits all the stress to the bottom scraper unit and drainage pegs. The bottom of the axle is rigidly fastened to the support arms.
- **Bottom scrapers.** Steel section structure made up of two diametrically opposite radial arms. The bottom part supports the scrapers which back onto the elastomer bands that perform the bottom scavenging.
- **Thickening breakers.** Mounted on the scraper carrying arms and duly braced. Made from laminated steel sections.
- **Deflector feedwell.** Made of steel plating. Designed to calm the incoming water.

Complementary accessories:

- Central walkway (*)
- Torque limiting electronic module
- Floatings removing and collection system
- Perimeter discharging and deflection

(*) Central walkway. Fixed diametrical walkway, supporting the whole thickening unit. Made of laminated steel sections, with handrail and galvanised passage framework. Supported on the enclosure walls.

General view



Masterhead unit

