

GRITS AND GREASES REMOVAL

DEGREASING BRIDGE - LONGITUDINAL Type: MR16

Device designed and adapted for removal of grits and floating substances in rectangular pre-treatment tanks.

Descriptions and Features:

- **Walkway unit.** Built with steel plate, drawer type (low profile) and with stainless steel railway on both sides. Galvanised metal or GFRP lattice work for passage. Connected motorised unit on both sides of the walkway.
- **Motor drive.** Consisting of a geared motor that operates the primary axle. Power wheels mounted on its ends. Those wheels, like the drive wheels, are completely metallic so they can move through rails.
- **Guiding unit.** Through rails anchored to the top slab, on both sides of the side walls and along the longitudinal direction of the enclosure.
- **Waste elimination system.** Consisting of two scrapers that sweep the fat area, moving the fat towards one of the ends of the enclosure where they are poured into a hopper. The layout of the scrapers eliminates the possibility of dead areas. The entire unit hangs from the walkway. The operation is mechanic but, depending on the side of the scrapers, it can work via electric traction.
- **Motor pump unit and extraction pipes.** Consisting of a vertical motor pump, installed on the walkway of the bridge. (Not included in the supply).
- **Electrical supply system.** To be installed along the enclosure and on one external side. Provides electrical supply to the manoeuvring cabinet, based on a foldable cable attached to carts that move along a metallic guide.
- **Control equipment** (optional). A switchboard controls the entire automatic operation of the equipment, with inductive end stops that control the forward and backward movement of the unit. It is also used to operate the grit removal motor pump based on the direction of the bridge.



