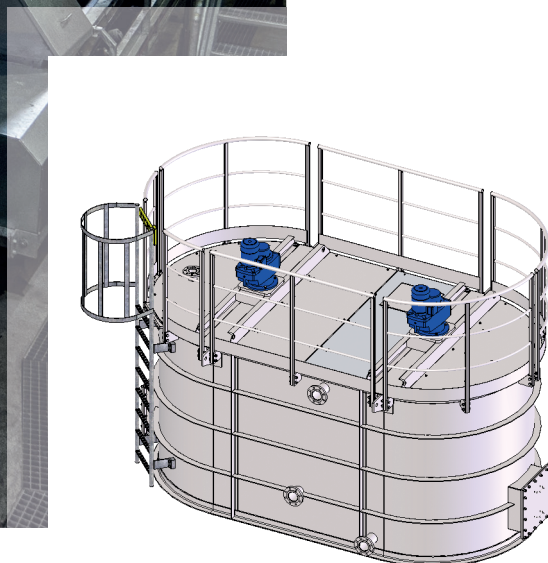




MIXING TANK





Application

The mixing tank is intended for mixing liquids.

It is planned to work with the following media:

- liquids, suspensions, non-aggressive emulsions that are not flammable, explosive, aggressive or poisonous,
- in the case of other operating fluids, consultation with the manufacturer is required.

The mixing tank is designed for industrial installations and usually works in a technological process with other devices.

Design and operating principles

The vertical mixing tank is a device consisting of a vertical tank and agitators for mixing liquids and non-aggressive slurries with a temperature up to 100 ° C, and maximal density of the medium up to 1200 kg / m³.

The device is built from a tank on which a frame with geared motors is mounted. The agitators are embedded in gearmotors and supported on bearing supports. A single agitator has two pairs of mixing arms: lower and upper. There are protective barriers in the upper part of the tank. A ladder is used to operate this part of the mixing tank.

Technical characteristics

TYPE OF AGITATOR		double	single
DIMENSIONS OF THE CROSS-SECTION	mm	oval 2100 x 4200	ø 2200
HEIGHT	mm	2000	2200
CAPACITY	m ³	9,5	4,4
MEDIUM DENSITY	kg/m ³	up to 1250	
MEDIUM TEMPERATURE	°C	100	
POWER	kW	2x 4,0	3,0
ROTATION SPEED	1/min	21	