

# MULTI-FLEX AGITATOR

## for small and large mixing quantities

### General

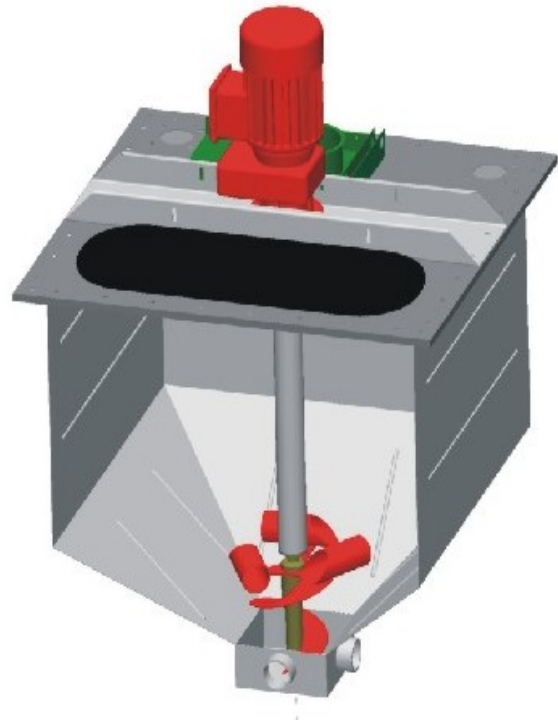
The MULTI-FLEX agitator completely consists of high-grade steel and is installed vertically, self-supporting in the tank of the liquid feeding system. The MULTI – FLEX agitator wing is developed for two different agitating organs, that is optimal for smaller mixing quantities and for larger mixing duties. In the lower area the agitator works with a conveying efficient agitating organ product-lifting and in the upper area product-lowering.

Through the planet movement and the special skewing of the suction opening it is extracted from three different layer heights in the upper area that guarantees a quick as well as even intensive mixing.

In connection with a frequency converter the mixing speed is infinitely variable adjusted to the tank content. Therefore an optimal energy efficiency is obtained.

### Main Characteristics

- The agitator is completely made of high-grade steel and therefore it has a long life-time.
- The direct drive agitator shaft without bottom bearing allows a minimum maintenance effort.
- The MULTI – FLEX – agitator wing enables a careful mixing of the feed components.
- The agitator suppresses the air inlet and reduces the gas- and foam formation in the feed pulp.
- Through the infinitely variable speed adjustment to the mixing quantities, the energy consumption is reduced considerably.
- The agitator can be retrofit in each tank without problems.
- Minimum installation effort due to hanging type.



### Construction

MULTI-FLEX for 150 litre agitator mixing tank

MULTI-FLEX for 300 litre agitator mixing tank

MULTI-FLEX for 500 litre agitator mixing tank

MULTI-FLEX for 700 litre agitator mixing tank

### Technical Data

gear box motor : 1,1 kW 272 r.p.m.

shaft length : 650 to 1.200 mm

shaft diametre : 25 mm

Aufnahmeflansch : 160 mm with acid protection

weight : approx. 33 to 40 Kg