

# CUTTER TM Intensive emulsifier

## general features

The intensive mixer CUTTER TM is the optimal solution for mixing, crushing and emulsifying medium and low hardness products in a single process. It is designed to obtain a fast cutting, while grinding and mixing, resulting a fine and homogeneous paste, without grease separation or product overheating.

Characterized by its cylindrical design with a slightly conical bottom and a variable-speed turbine, assembled at the bottom. The cutter type turbine installed in this equipment consists of four curved and sharp blades, with high-shear power. The deflector installed on the mixer wall breaks the flow, guiding the product towards the centre where the turbine is located, ensuring its homogenization.

The production volume can range from 5 to 30 L for laboratory or pilot plant equipment and from 60 to 2,000 L for industrial equipment.



### FEATURES

- » It has a double chamber for heating or cooling processes.
- » The flat lid is designed for atmospheric pressure operations, but optionally, the equipment can be supplied with a lid for working under vacuum and pressure.

» Optionally, for certain products tending to become encrusted on the walls, instead of the deflector, a PTFE scraper can be mounted on the tank wall with an independent drive system, adjustable in inclination to the tank wall.

» The laboratory TM mixer has a tilting system for product discharge, and the tank incorporates a duck-billed shape spout.

» In the case of industrial equipment, discharge is carried out with a bottom valve.



Detail of the cutter turbine