



Micromix intensive agitator

general features

The range of MICROMIX agitator has been created to solve, in the most efficient and quick way, any mixing, emulsifying, dispersing, etc. problems.

They are very versatile equipment that adapts to a wide range of processes and products. They represent the current alternative to conventional agitators, surpassing them in performance and speed.

PROCESSES

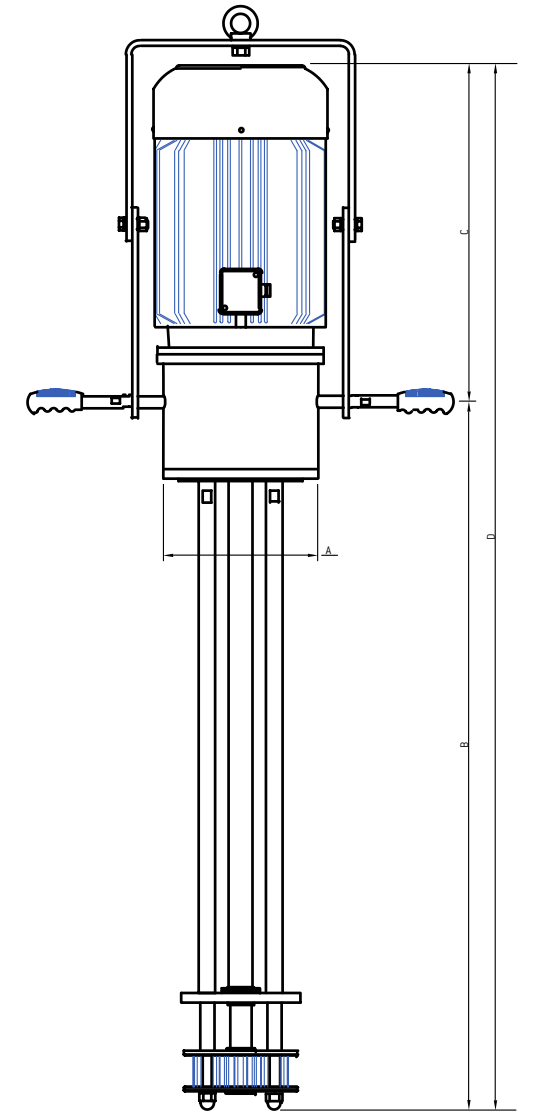
The most common applications of the MICROMIX are:

- » **Mixing** of two or more liquids with similar or different viscosities.
- » **Dispersion** of slightly soluble solids, achieving homogeneous suspensions and eliminating agglomeration problems.
- » **Emulsion** of oils and fatty water-based products, obtaining homogeneous, uniform and stable emulsions.
- » **Dissolution** of solid and miscible liquid products.

The main characteristic and basic difference from other agitators lies in the intense shearing produced by the rotor/stator type turbine, which revolves at high speed and combines a double action (mixing and shearing) on the product going through the head.



Micromix M-700 mounted on a mobile support equipped with a pneumatic lifting system.



Operating diagram



Detail view of the Micromix type turbine

Technical Data

Model	Power kW	Speed rpm	Dimensions (mm)			
			A	B	C	D
M-700	0.75	1,500	195	800	408	1,208
	1.1	3,000		500		908
M-950	1.5	1,500	195	1,000	445	1,445
	2.2	3,000		650		1,095
M-1100	4	1,500	245	1,200	520	1,720
M-1500	9	1,500	295	1,300	615	2,020
M-1800	15	1,500	325	1,300	737	2,142