

Industrial Emulsifying Homogenizing Mixer Pump

This emulsifying homogenizing mixer pump is designed for industrial applications. It ensures efficient emulsification and homogenization of various substances.



ADDITIONAL IMAGES



Overview

Multifunctional Mixing Solution

The PM series is a high-performance material-liquid mixing pump designed to streamline complex processing tasks. It integrates mixing, shearing, emulsifying, homogenizing, and refining into a single, efficient unit. By replacing traditional, multi-step production processes, this system significantly enhances production efficiency while ensuring superior material quality across food, beverage, pharmaceutical, and industrial applications.

Performance Metrics

Processing Capacity

9000 KG/h

Powder Processing

3000 KG/h

Thickener Processing

Maximum Operating Temperature

130 °C

Construction & Materials

Surface Treatment Options

Ra d 0.08 • Ra d 0.04 • Ra d 0.02

Construction Materials

304, 316L, 1.431, 1.4404, ASME BPE 316L, 1.4435 NB2

Mechanical Specifications

Seal Options

- Single machine seal
- Double machine seal

Inlet/Outlet Connections

- Thread
- Clamp
- Flange
- Sterile flange

Compliance & Certification

Regulatory Compliance

Standard/Certification	Reference
3-A-02-10	N.O.1579
MD/06/42-EC	N.O.70521616101-00
FDA	177.2600
USP	CLASS-II
EU	EG/VO1935/2004