

# 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