

# Inline High Shear Mixer Homogenizer

This inline high shear mixer homogenizer is designed for continuous processing of various fluids and materials. Constructed from stainless steel, this unit is suitable for applications requiring intensive mixing, emulsifying, dispersing, and homogenization.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Inline Homogenizer

This inline high shear mixer homogenizer is engineered for the efficient continuous processing of various fluids and materials. It is designed to seamlessly mix solids into liquids, making it an ideal solution for reconstituting powdered milk, preparing syrups, and formulating brines. With versatile construction options and robust performance capabilities, it serves critical production needs in the pharmaceutical, cosmetics, and chemical industries.

## Performance Metrics

### Max Powder Capacity

**9000 kg/h**

Max Powder Capacity

### Max Thickener Capacity

**3000 kg/h**

Max Thickener Capacity

### Max Operating Temperature

130 °C

## Technical Construction

### Surface Treatment (Ra)

- Rad0.08
- Rad0.08
- Rad0.08

### Mechanical Seal Options

Single Mechanical Seal • Double Mechanical Seal

### Material Composition

304 Stainless Steel, 316L Stainless Steel

## Connectivity

### Inlet/Outlet Connections

- Threaded
- Clamped
- Flange
- Aseptic Flange

## Compliance & Certification

### Certifications

Standard	Reference
3-A	02-10 NO.1579
EC Directive	MD/06/42-EC NO.70521616101-00
FDA	177.2600
USP	CLASS II
EU Regulation	EG/VO 1935/2004