

# Colloidal Mill with Separating Function

This colloidal mill is designed for fine fluid materials processing, integrating homogenization, milling, and blending. It achieves ultrafine grinding, dispersion, emulsification, and mixing effects, processing materials to a particle size of 2 to 50 microns with high homogeneity.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Ultrafine Processing

This industrial colloidal mill is a precision-engineered solution for fine fluid material processing, integrating homogenizing, grinding, dispersing, and emulsifying capabilities into one compact unit. It delivers exceptional performance for semi-liquid and milkiness materials, achieving particle sizes between 2 to 50 microns with over 90% homogeneity. Designed for versatility, it is an ideal choice for the food, chemical, pharmaceutical, and daily chemical industries, capable of handling complex tasks like peanut butter production without the need for pre-crushing.

## Technical Specifications

### Processing Performance

**50  $\mu$ m**

Maximum Particle Fineness

**90 %**

Homogeneity

### Model Specifications

Model	Power	Output	Speed
JMV80	4kW	0.2-2 t/h	4500 r/min
JMV100	4kW	0.25-2.5 t/h	4500 r/min
JMV140	11kW	1-4.5 t/h	2900 r/min
JMV150	15kW	1-5 t/h	2900 r/min

### Industry Applications

Food, Chemical, Pharmaceutical, Cosmetics, Building Materials, Battery Manufacturing

### Voltage/Frequency

380V/50Hz