

Professional
Powder Equipment
Manufacturer



Powder
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Milling
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Powder
Materials

TENCAN

Product Brochure



MIXED SERIES

Trough mixer

CH

Horizontal trough mixer for powder and paste materials. Single paddle, through shaft design ensures easy cleaning and uniform mixing.

<https://www.labballmill.com/products/mixed-series/trough-mixer.html>

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Product Overview

Horizontal trough mixer for powder and paste materials. Single paddle, through shaft design ensures easy cleaning and uniform mixing.





Product Introduction

The trough mixer is used to mix powdery or paste materials to mix dissimilar materials evenly. It is characterized by a horizontal trough type single pulp mixing, and the stirring paddle is a through shaft, which is easy to clean. All parts in contact with materials are made of stainless steel. The rotation of the paddle blades in the trough is used to evenly mix dissimilar materials. The trough and blades of the round trough mixer run in opposite directions at the same time, making it more efficient and mixing more uniformly than ordinary trough mixers. It is often used for mixing raw materials in pharmaceutical, food, chemical and other industries.

Good Dispersion

Wide application range,
low investment



Mixing Trough

Stainless steel,
clean and hygienic

Long Service Life

Made of high-strength
wear-resistant steel





Technical parameters

model	CH10	CH50	CH100	CH200	CH300
Working volume (L)	10	50	100	200	300
Spindle speed (r/min)	24	24	24	24	24
Mixing time (min)	5~20	5~20	5~20	5~20	5~20
Main motor power (kw)	0.25	1.1	2.2	4	5.5
Discharging motor power (kw)	with hands	0.75	0.75	0.75	1.1
Mechanical weight (kg)	40	200	250	520	520
Overall dimensions (mm)	600*280*450	980*420*800	1100*440*900	1400*600*1200	1850*700*1200

Product Features

1. Good dispersion: The equipment completely solves the problems of low uniformity and dead ends caused by different specific gravity of materials.
2. Wide range of use: This equipment can meet the production of dry powder with different performance requirements.
3. Small investment: This equipment has obvious price advantages. Small investment and quick results.
4. Simple and convenient to use: The equipment has a small footprint, simple operation and low energy consumption.
5. Long service life: All vulnerable parts of this equipment are made of high-strength wear-resistant steel. It has the characteristics of long service life.

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.