

Professional  
Powder Equipment  
Manufacturer



Powder  
Equipment



Milling  
Technology



Powder  
Materials

# TENCAN

## Product Brochure



**MIXED SERIES**

## Trough mixer

**CH**

Horizontal trough mixer with single paddle agitator for uniform blending of powders and pastes. Easy-to-clean through-shaft design suitable for chemical, food and pharmaceutical industries.

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



## Product Overview

Horizontal trough mixer with single paddle agitator for uniform blending of powders and pastes. Easy-to-clean through-shaft design suitable for chemical, food and pharmaceutical industries.





## 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.