

Professional  
Powder Equipment  
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Milling  
Technology



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# TENCAN

## Product Brochure



**MIXED SERIES**

## Oblique mixer

### XMx

This oblique mixer features a 30° tilted drum with polyurethane and nylon balls as grinding media, ensuring fast and uniform mixing of various powders with stable operation.

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



## Product Overview

This oblique mixer features a 30° tilted drum with polyurethane and nylon balls as grinding media, ensuring fast and uniform mixing of various powders with stable operation.





## Product Introduction

The mixing barrel of this machine is tilted 30 degrees from the horizontal and runs smoothly. It can use polyurethane balls or plastic king balls as grinding media to quickly and evenly mix several different powders. At the same time of mixing, you can add balls to grind, and the grinding and mixing effect will be better. This machine is suitable for mixing a variety of materials, and is widely used in the mixing of two or more materials in various fields such as electronics (lithium cobalt oxide), ceramics, chemicals, medicine, daily chemicals, organic and inorganic. According to the user's requirements, the mixing barrel can be made of stainless steel polished inside and outside or lined with corundum, polyurethane, etc.

## Mixing Series

# Inclined Mixer / Details



Food-Grade Material



Uniform Mixing



Tumbling Motion



Easy Cleaning



## Mixing Drum

The mixing drum of this machine is inclined at 30° to the horizontal, ensuring stable operation.

## Cost-Effective

Low noise, low energy consumption, long service life, compact size, simple structure, and easy operation and maintenance.





Electronic Materials



Biopharmaceuticals



Research &amp; Chemicals



Ceramics

## Technical parameters

Specification	Working volume(L)	Total volume(L)	charging factor	Mixing power (kW)	Speed(r/min)
XMx-5	2	5	0.4	0.37	50
XMx-10	2	5	0.4	0.38	50
XMx-20	8	20	0.4	0.75	33
XMx-50	20	50	0.4	1.5	33
XMx-100	40	100	0.4	1.5	23
XMx-200	80	200	0.4	3	19
XMx-300	120	300	0.4	4	14
XMx-500	200	500	0.4	7.5	12

## Working Principle

The inclined mixer adopts a structure in which the center of the cylinder forms an angle with the horizontal plane, causing the material to move irregularly during operation, thereby achieving uniform mixing.

## 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.