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TENCAN

Product Brochure



MIXED SERIES

Double cone mixer

SZX-(5-300)

Double cone mixer ensures homogeneous blending of powders and granules. Ideal for ceramics, magnetic materials, chemicals, pharmaceuticals, and feed. Customizable with stainless steel, alumina, or polyurethane lining.

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



Product Overview

Double cone mixer ensures homogeneous blending of powders and granules. Ideal for ceramics, magnetic materials, chemicals, pharmaceuticals, and feed. Customizable with stainless steel, alumina, or polyurethane lining.





Product Introduction

This machine is suitable for uniform mixing of materials and is widely used in ceramics, magnetic materials, chemical industry, metallurgy, medicine, feed and other industries. 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. This machine can mix powders and granular materials with good fluidity, and the effect is obvious. All technical indicators have reached the standards of similar foreign products. This machine saves energy, is easy to operate, has low labor intensity and has high work efficiency. This machine can mix finer powder and a variety of plants containing a certain amount of moisture. The same mixing effect can also be achieved for trace substances and additives.



Mixing Drum

Suitable for mixing fine powders and a variety of materials with a certain moisture content.

Control Panel

A simple and convenient control panel for flexible operation.



Drum Body

Suitable for mixing powders and granular materials with good flowability, with remarkable results.



Technical parameters

Model: SZX-(5-300)

Volume: 5-300L

Motor power: 0.25-3Kw

Overall dimensions (mm): 2100*800*1500(150L), 2300*1150*1650(300L)

1. Model description: SZX- (volume) such as: SZX-5 is a double cone mixer with a volume of 5L.;
2. Select the model volume according to each processing volume ;
3. Select the cylinder material or lining according to the material properties ;
4. Select other functions according to process needs.

Working Principle

This machine has similar functions to the V-shaped mixer. Powder or solid materials are added to the double cone container. As the container continues to rotate, the materials undergo complex impact motion in the container to achieve uniform mixing.

Product Features

1. Mixing powders and granules with good fluidity, the effect is obvious;
2. Easy to operate, low labor intensity and high work efficiency ;
3. It can mix finer powder and various materials containing a certain amount of moisture. ;
4. The same mixing effect can also be achieved for trace substances and additives ;
5. Timing, speed regulation and forward and reverse functions can be added to the equipment according to requirements.

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.