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# TENCAN

## Product Brochure



**BROKEN SERIES**

## Multi functional crusher

**MF**

Multipurpose hammer crusher for weakly electrical and heat-resistant materials in chemical, food, pharmaceutical, spice, resin, powder and coating industries.

<https://www.planetaryballmills.com/products/broken-series/multi-functional-crusher.html>



## Product Overview

Multipurpose hammer crusher for weakly electrical and heat-resistant materials in chemical, food, pharmaceutical, spice, resin, powder and coating industries.



### Multi-Function Pulverizer

MF40

Made of Full Stainless Steel  
Excellent Grinding Performance

Stable Operation  
Easy to Clean



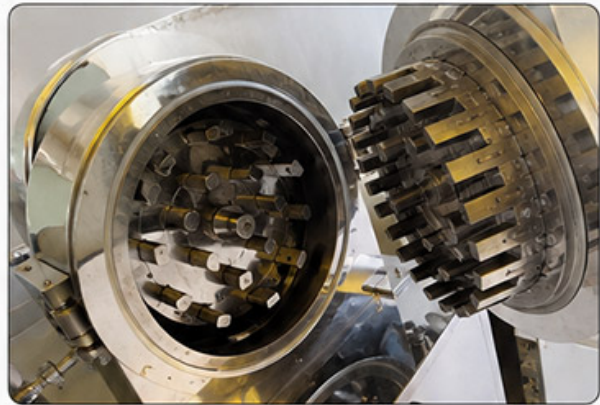


## Product Introduction

Multifunctional pulverizer is also called stainless steel pulverizer, high-efficiency pulverizer, food pulverizer, hammer pulverizer, chemical pulverizer, and preparation pulverizer. The multifunctional pulverizer has a simple and sturdy structure, stable operation, easy cleaning, and good crushing effect. The crushed materials can be directly discharged from the grinding chamber of the main machine. The particle size can be obtained by replacing mesh screens with different apertures. The multifunctional pulverizer is made of all stainless steel materials. The inner walls of the multi-function crusher casing are all machined to achieve a smooth surface, which changes the phenomenon of rough inner walls and powder accumulation in previous models, making the production of pharmaceuticals, food, chemicals, etc. more in line with national standards and meeting GMP requirements. Multifunctional crusher is the most commonly used practical model in pharmaceutical factories, food factories, chemical plants, hospital preparation rooms, clinics, outpatient departments, research institutes, health care product factories, building materials factories, feed factories and other units.

Crushing Series

# Product Details



Mainly used in chemical industry, medicine, food, spices, resin, powder, coating powder and other weak electric substances and high temperature resistant substances. The relative motion between the movable toothed disc and the fixed toothed disc is used to crush the materials through the impact and friction of the toothed discs and the impact of the materials with each other. The crushed materials automatically enter the collection bag through the action of the rotating centrifuge, and the dust is filtered and recovered by the bag filter in the dust collection box. The machine is designed according to "GMP" standards and is entirely made of stainless steel. There is no dust flying during the production process. And it can improve the utilization rate of materials and reduce business costs. This crusher has been widely used in pharmaceutical, chemical, food, plastic and other industries. It is an ideal equipment for crushing medium-fine materials.

## Technical parameters

NameModel	Spindle speed □r/min□	Host motor power □kw□	Induced air into the machine motor power □kw□	Feed particle size □mm□	Grinding fineness (adjustable) mesh	Crushing ability kg/h	weight □kg□	Product size (length*width*height)MM
MF-20	6800	0.55	1.1	<6	60-220	10-50	250	550*600*1250
MF-30	5300	0.55	1.5	<6	60-220	30-80	350	600*750*1450
MF-40	4500	0.75	2.2	<10	60-220	40-120	450	750*900*1600

## Product Features

1. The crushing and dust collection are integrated, the working environment is clean, there is no flying dust, and the material utilization rate is high.
2. The bearing seat is separated from the crusher cavity, which facilitates cleaning and installation, ensuring that materials are not polluted and meets the requirements of "GMP" specifications.
3. The adjustable gate valve is designed to change the feeding speed, reduce operating intensity, and ensure uniform feeding to avoid excessive load on the host machine.
4. The pulverizer gear disc, shaft, cavity, hopper and other parts are all made of high-quality stainless steel, which has the advantages of corrosion resistance and wear resistance.
5. Designed with an open casing, it is convenient to clean the machine cavity, change the screen, and facilitate maintenance.
6. The grinder is mainly used for medium-fine grinding of dry powder in pharmaceutical, chemical, food and other industries.
7. Rinse the crushing chamber and feed hopper or flush with solvent.
8. The screen used in the crusher is punched out of high-quality stainless steel plates, well-made, and has good hardness and elasticity.
9. The crusher complies with the YY0228-1995 pharmaceutical machinery industry standard.

## **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.