

Professional
Powder Equipment
Manufacturer



Powder
Equipment



Milling
Technology



Powder
Materials

TENCAN

Product Brochure



OTHER GRINDING EQUIPMENT

small grinder

MF

This small grinder mills grains, herbs, and 中药材 into a fine, uniform powder (50-200 mesh). Ideal for food processing, herbal medicine, and small-scale powder production.

<https://www.planetaryballmills.com/products/grinding-series/other-grinding-equipment/small-grinder.html>



Product Overview

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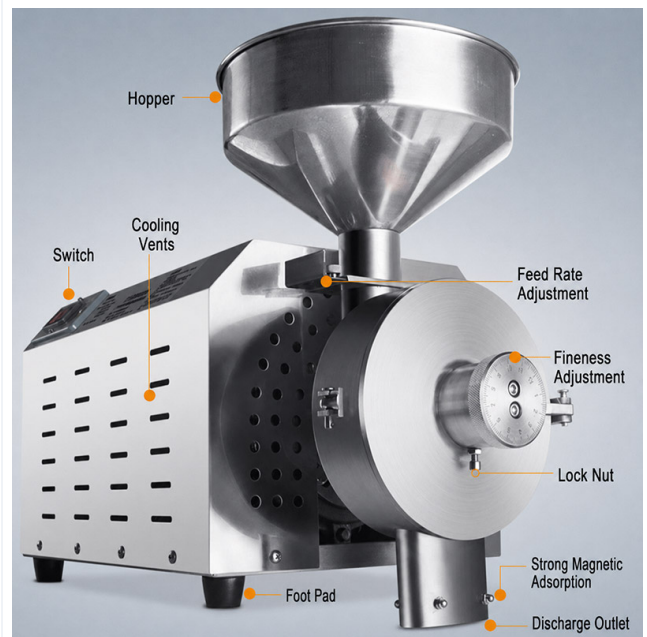


Small Grinding Machine

Multi-Grain Grinder

Grinding Fineness Up to
50-200 Mesh

Low Noise, Fine Grinding





Product Introduction

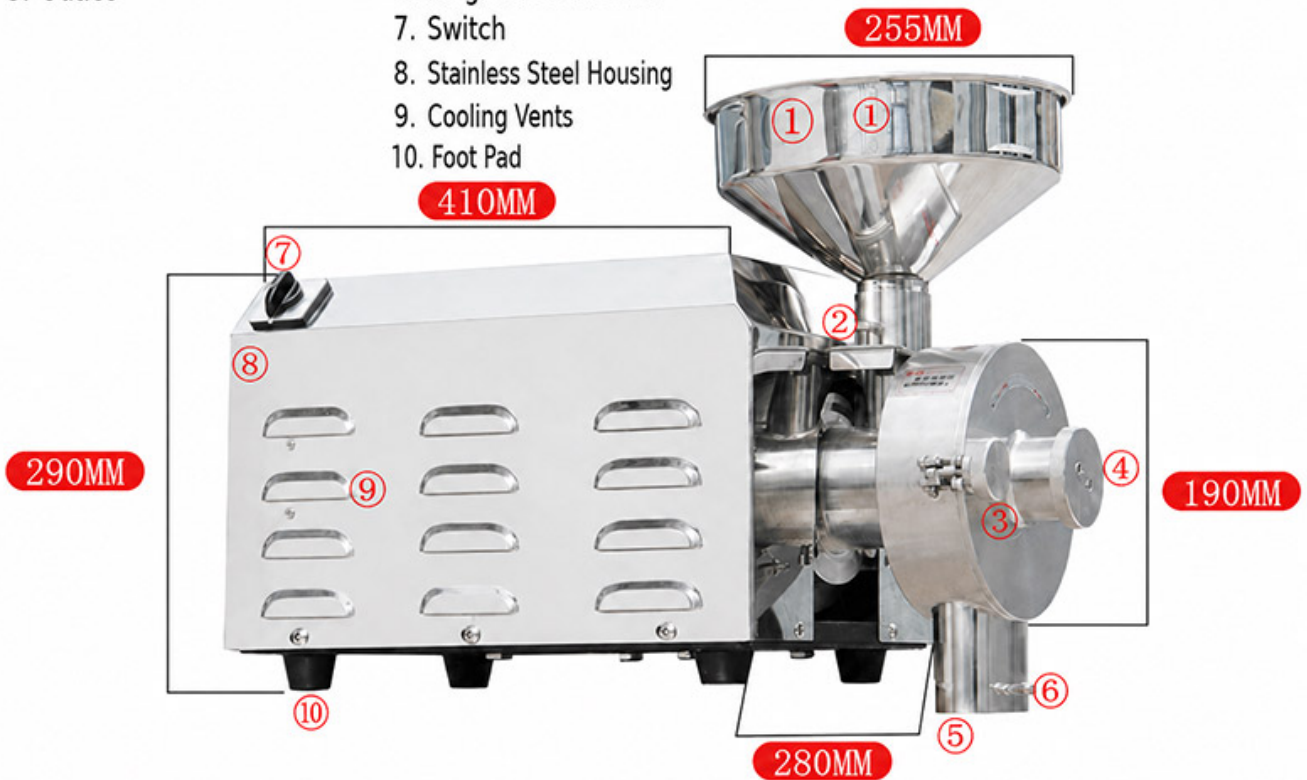
Small grain mill, also called grain mill, is a machine that grinds various grains, Chinese medicinal materials and other foods into uniform powder of 50 to 200 mesh. The machine is made of high-quality stainless steel and is built using finishing technology. The grinding mill relies on two grinding discs full of tooth grooves to grind against each other to grind materials into powder. It can grind various grains, Chinese medicinal materials, condiment raw materials and other materials into uniform powders of 50-200 mesh.

It mainly consists of feed hopper, rotor, toothed disc, screen, casing, machine base, motor and other parts. When the material enters the crushing chamber, it is quickly broken into fine powder or slurry due to the continuous impact of the round teeth and flat teeth and the friction of the toothed disc. Under the action of centrifugal force and air flow, it passes through the sieve holes and is discharged outdoors through the discharge port.

Technical parameters

model	Voltage(V)	Power(W)	Speed(rpm)	Capacity (kg)	Feed particle size (mm)	Discharge particle size (mesh)	Weight(kg)	Dimensions(mm)
MF2200	220/380	2200	1540	30~50	10	50~200	50	690*380*400
MF3000	220/380	3000	1450	30~50	10	50~200	55	690*380*400
MF3500	220	3500	1450	30~50	10	50~200	70	750*380*400
MF4000	380	4000	1450	30~50	10	50~200	70	750*380*400

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|-----------------------|---------------------------------|
| 1. Hopper | 2. Feed Rate Adjusting Valve |
| 3. Screw Chamber Lock | 4. Grinding Fineness Adjustment |
| 5. Outlet | 6. Magnetic Collector |
| | 7. Switch |
| | 8. Stainless Steel Housing |
| | 9. Cooling Vents |
| | 10. Foot Pad |



Product Features

1. Very convenient to operate.
2. No butter is applied to the parts in the machine cavity that are in contact with the material, which maintains the hygiene and cleanliness of the materials being ground. No lubricant is required, ensuring cleanliness and no pollution.
3. The sound is quite low. The parts are precision machined and the inspection procedures are strict. Unqualified parts will not be used. After the machine is assembled, it has been tested by engineers and strictly checked at all levels to ensure that the grain mill strictly meets the design requirements. The machine operates with low noise and will not affect the surrounding environment, so that every customer can use it with confidence, and the processed products meet the basic requirements of fineness and hygiene.
4. The grinding powder is relatively fine. After repeated efforts of the R&D personnel, the grinding disc has a low sound and fine grinding powder. It can grind materials with high oil or sugar content such as sesame, walnuts, almonds, cucumber seeds, winter melon seeds, wolfberry and Codonopsis pilosula into the finest grinding. This solves the problem that ordinary grinding mills cannot grind the above materials.

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.