



Powder Grinder Machine

Our powder grinder machines are used to crush dry materials into fine and even powder. With strong design and reliable parts, these machines help improve work speed and product quality. They are also easy to use, greatly improve production efficiency. Grinders could be used in pharmaceutical, food, and chemical production.

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Automatic Continuous Mill Herb Grinder WF Series



The WF Series is designed to crush and grind materials like Chinese herbs, medicines, ores, and chemicals. It features fast, clean, and precise grinding of dry and heat-sensitive materials. It has a strong motor and works at high speed to process materials quickly. The machine is built to be easy to use, with low noise and a dust collection system to keep the work area clean. It also has safety features, such as a test run before operation, to prevent problems.



Features

✓ **Fine & consistent grinding:** It delivers uniform powder with smooth, even particle size, ideal for different types of ingredients.

✓ **Fast processing with a high-speed motor:** It operates at 3400 to 7000 rpm for quick and efficient grinding, even with tough or heat-sensitive materials.

✓ **Adjustable output size:** You can choose from screen sizes between 0.4mm to 3.0mm to get the exact powder fineness you need.

✓ **Easy blade replacement:** This mill equipment swaps out blades quickly to keep the machine running smoothly and extend its working life.

✓ **Precise control over the final product:** Fine-tune grind size and particle uniformity to ensure high-quality output every time.

Technical Parameters

Model	WF-130	WF-180	WF-250	WF-320	WF-40B
Rotary speed	7000r/min	4000r/min	4000r/min	4500r/min	3400r/min
Screen aperture			0.4mm-3.0mm		
Capacity	2—5kg/h	10～20kg/h	50～250kg/h	80～300kg/h	160～800kg/h
Material size	5*5*5mm	8*8*8mm	10*10*10mm	10*10*10mm	12*12*12mm
Power	1.1kW	2.2kW	4.0kW	7.5kW	11kW
Dimensions	420*350*880 mm	420*600*1000 mm	860*500*1360 mm	880*520*1450 mm	800*900*1400 mm

Cone Mill Machine CFZ Series



The CFZ Series are multi-purpose machines designed to crush, granulate, and refine materials into uniform particles. They are applied to both dry and wet materials. The CFZ machines are especially suited for processing materials like dried herbs, chili powders, rice powders, tablets for regranulation, food powders, and agricultural products. They are widely used in the pharmaceutical, food, and chemical industries for breaking lumps.



Features

✓ **Adjustable granule size:** It produces consistent particle sizes from 0.8mm to 3.0mm with interchangeable screens.

✓ **High speed & variable control:** Speed is adjustable from 300 to 3600 rpm via frequency control for different material needs.

✓ **Multiple capacity options:** The grinding equipment is available in five models with processing capacities ranging from 15 kg/h to 1000 kg/h. It meets small lab use to large-scale production.

✓ **Stable performance & low heat rise:** The grinding machine maintains material integrity with <30°C temperature rise, ensuring no damage to heat-sensitive products.

✓ **Easy operation & maintenance:** Modular design for quick assembly/disassembly and easy cleaning. Some models offer manual feeding or vacuum/lifting systems.

Technical Parameters

Model	CFZ-150	CFZ-300	CFZ-450	CFZ-700	CFZ-1000
Capacity	15-150kg/h	30-300kg/h	45-450kg/h	70-700kg/h	100-1000kg/h
Granularity	0.8-3.0mm				
Temp. rise	<30℃				
Range of speed	300~3600r/min				
Power	1.5kW		2.2kW	3.0kW	5.0kW
Height of discharge hopper	650mm		690mm		700mm
Dimension	720*445*1345 mm	810*445*1345 mm	920*445*1430 mm	1000*500*1530mm	1100*600*1875mm

Automatic Herb Grinder with Dust Collector SF-40B



The SF-40B Continuous Mill Grinder is a high-speed, ultra-fine pulverizer designed for the pharmaceutical, food, and chemical industries. It is built for smooth operation, low noise, and clean processing. This machine includes a built-in dust collector and a material collection box. They reduce dust and keep the working area clean. The grinder uses a high-speed motor to spin the main shaft, crushing materials through friction and impact between discs. The final powder passes through a screen, collected in a bag. At the same time, dust is pulled into the box by a fan for easy recovery.

Features



- ✓ **User-friendly operation:** Simple controls make the machine easy to run and adjust.
- ✓ **Low noise level:** Operates at ≤85 dB for a quieter, more comfortable workspace.
- ✓ **Built-in dust collection:** It keeps your work area clean and reduces material loss.
- ✓ **Safety:** All contact parts are made from 316 stainless steel, fully GMP-compliant.

Technical Parameters

Model	SF-40B	SF180E	SF250E	SF320E
Rotary Speed	3400 r/min	4000r/min	3800r/min	
Screen Aperture	0.4mm-3.0mm			
Capacity	160-800 kg/h	10～20kg/h	50～250kg/h	80～300kg/h
Material Size	12x12x12mm	8x8x8mm	10x10x10mm	10x10x10mm
Power	11 kW	2.2kW	5.5kW	7.5kW
Dimensions	1,450×1,000×1,850 mm	800x530x1,230mm	950x500x1,360mm	1,330x790x1,450mm

Superfine Grinder CF-15



This powder grinding is built for ultra-fine, precise grinding of dry materials. It's specially designed for industries like pharmaceuticals, food, and chemicals where particle size control is critical. This machine uses a combination of air separation, strong shear, and pressure grinding to turn materials into fine powders. Materials are fed into the grinding chamber by an auger conveyor. Then they are processed by high-speed blades that crush and shear them into ultra-fine particles.

With a cyclone separator and bag-style dust collector, the CF-15 delivers clean output without any dust. Thanks to its air sorting system, it achieves even particle size and doesn't need a traditional screen or sifter. It runs continuously and stays cool during operation. It is perfect for heat-sensitive materials that can't withstand high temperatures.



Features

✓ **Even feeding system.** It comes with a small screw feeder that controls the feeding speed for stable and uniform grinding.

✓ **Efficient cyclone separator.** It separates powder from dust using a discharge valve for clean, even output. Made from 304 stainless steel, it's easy to take apart and clean.

✓ **Hygienic dust collection box.** It uses multiple food-grade filter bags inside a 304 stainless steel frame. So the grinding equipment is easy to clean and maintain in a dust-free environment.

✓ **Smart control panel.** It features an easy-to-use control box with custom options like push buttons or a touchscreen, depending on your needs.

Specifications

Model	CF-15
Feeding Motor	4 kW
Material feeding motor	0.55 kW
Material Discharging Motor	0.75 kW
Fineness of Finished Product	80~320
Production Capacity	40~200 kg/h
Dimensions	5,500×1,200×2,700 mm



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