

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