



CFS Ultra Fine Powder Grinding Machine



This machine has reached the international advanced level and is widely used in the crushing of fibrous materials in the pharmaceutical, food, chemical and other industries. This machine has various properties such as winnowing type, no screen, no net, uniform particle size, etc. The production process is continuous. The machine does not heat up during the crushing process, and can crush various heat-sensitive materials.

Product Details

The machine is composed of main machine, auxiliary machine, electric control box and other parts. The material enters the crushing chamber from the feeding hopper through the screw conveyor, and is sheared and crushed by the high-speed rotating blade. The powder enters the classification chamber through the guide ring, because the classification wheel is rotating. Yes, the powder flowing into the blade channel is simultaneously affected by aerodynamics and centrifugal force. The particles larger than the critical diameter (classified particle size) in the powder are thrown back to the pulverizing chamber because of their large mass, and the particles smaller than the critical diameter enter the cyclone separator and the bag filter through the discharge pipe through the negative pressure air transport method. , Excluded materials meet product requirements.

Technical Parameter

Model	CFS-15	CFS-20	CFS-30	CFS-60	CFS-80
Productivity(kg/h)	50-200	80-300	100-800	200-1200	500-1500
Feeding mesh (mm)	<10	<10	<15	<18	<20
Grind finess （mesh ）	80-450	80-450	80-450	80-450	80-450
Total power(kw)	13.5	17.5	46	84.15	100.4
Spindle speed(r/min)	6000	4800	3800	2800	2400
Dimension （mm）	4200*1200*2700	4700*1250*2900	6840*1300*3660	7500*2300*4530	8200*2500*4600
Weight （kg）	1300	1700	2300	3200	3800