

WFJ Series SuperFine Grinding Machine



The machine is used for mixing powder or paste materials to every mix inhomogeneous materials. It has such features as horizontal trough type single-blade mixing and through-axle mixing blade that facilitates cleaning. The parts contacting materials are all made of stainless steel.

The materials enter the crushing chamber from the hopper through the spiral conveyor, and then are crushed by the high-speed rotating blade. The powder enters the classifying chamber across the guide ring. As the classifying wheel is rotating, the powder in the blade channel will be impacted by the air force and centrifugal force. Particles among the powder with their size larger than the critical diameter (classifying particle size) will be returned to the crushing chamber for further crushing, while particles smaller than the critical diameter will be transferred to the cyclone separator and bag dust remover through the discharging pipe in the model of negative-pressure air discharging. The discharging materials meet the requirements of products.

Technical Parameter

Model	WFJ-15	WFJ-20	WFJ-30	WFJ-60	WFJ-80
Production Capacity (Kg/hour)	20-100	50-200	100-400	200-800	300-1000
Feeding size(mm)	<10	<10	<10	<12	<12
Output size(mesh)	80-320	80-320	80-320	80-320	80-320
Total Power(Kw)	13.37	18.37	42.5	77.5	96
Main Speed(RPM)	~5800	~4200	~3800	~3200	~2800
Overall size(L*W*H,mm)	4500X1250X 2700	6000X1250X 2900	7100X1300X 3650	8000X2300X 4500	8500X2500X 4600
Weight(Kg)	850	1000	1300	2500	3000