

FG-300 High –Efficiency Hammer Mill



FG-300 High-efficiency Hammer Mill is extensively used in pharmaceutical, chemical, food and pesticide industries for pulverizing dry brittle materials.

Working principle:

The pulverizing function of the pulverizer is carried out in pulverizing chambers of various steps. After being charged into the hopper, the materials enter into the working chamber under the control of plug-in plate. Under the action of centrifugal force of high-speed rotation of the movable pulverizing disc, the materials go into first-step to fourth-step pulverizing chambers composed of movable and fixed pulverizing discs, and under the combined action of impingement, shear and friction of pulverizing knives and mutual impingement between materials, the materials are pulverized into powder and then discharged through sieve mesh. The fineness of powder can be controlled by changing sieve mesh in different aperture (mesh number).

Features:

- Simple and rugged structure, smooth running, good effect of pulverization.
- Operation is very simple. It is only needed to change sieve mesh in different mesh number, then the required fineness can be reached.
- Parts and components that contact materials are all made of polished high-quality stainless steel, especially the pulverizing chamber is a solid casting of stainless steel, with highly-polished inner

and outer surfaces, the body frame is made of highly-polished stainless steel plate. They all conform to the requirement of GMP.

Technical Parameters

生产能力 (kg/h) Production capacity (kg/h)	100-200
粉碎细度 (目) Fineness of pulverization (Mesh)	80-120
进料粒度 (mm) Granularity of feed material(mm)	<Φ12
活动齿盘直径 (mm) Diameter of movable fluted disc (mm)	Φ300
主轴转速 (rpm) Speed of main shaft (rpm)	3800
电机功率 (kW) Motor power (kW)	5.5
外形尺寸 (长 × 宽 × 高) (m) Overall dimension (L×W×H) (m)	1.1×0.6×1.48