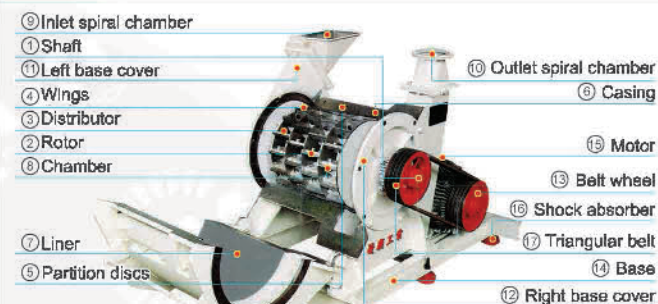


## TURBO MILL



### Structure



### PRINCIPLE

The pulverizing mechanism of Turbo Mill is due to the percussion caused by high speed revolution of the wings, the innumerable ultra-violent vortexes which break out behind the wings, and the high-frequency-vibration air caused by these vortexes besides the usual pulverizing mechanism of simple impact and shearing. As the results, any brittle material could

be pulverized into the several microns, and any sticky, elastic materials and heat-sensitive materials could be processed to the satisfactory extent.

### SPECIFICATION

Model	Inner dia (mm.) (inch)	Speed (RPM)	Power (HP)	Exhaust Air (m <sup>3</sup> /min) (inch <sup>3</sup> )	Capacity
TM-250	250 10"	4000-8000	15-20	5-10 180-360	0.3-0.4
TM-400	400 16"	2500-4500	40-50	10-20 360-720	1
TM-600	600 24"	1750-3000	60-75	15-30 540-1080	2
TM-800	800 32"	1500-2200	100-125	20-40 720-1440	3-4
TM-1000	1000 40"	1200-2000	100-150	40-70 1440-2500	5-6

※Capacity and Fineness: According to different characteristics of materials, the data would be changed.

### GRINDING CONDITION

To adjust the fineness:

- **RPM:** the particle size distribution is varied by either increasing or decreasing the motor speed as shown in the chart.
- **Gap Distance:** to adjust the gap distance between blades and liners.
- **Rotor:** to adjust the number of blade amounts in the rotor.
- **Blade:** blade type, hammer type, stair type.
- **Wind Volume:** to adjust the open-close inlet gate of Turbo Mill which results in wind force change.
- **Feeding Size:** the particle size distribution would be different, according to material feeding size.

### SIGNIFICANT FEATURES

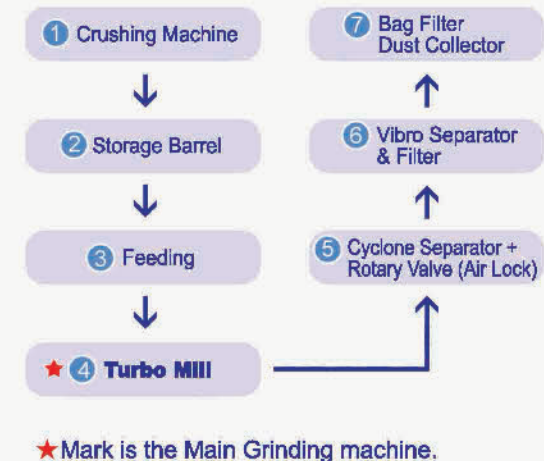
- Stable Performance.
- Wear-resist Mechanism.
- Wide Applications.
- Easy Maintains.
- Space-Saving.
- Self-Transportation & Dust-Free Structure.

### APPLICATION

Foodstuff		Chemical			Recycling	
Oat	Red Bean	PE	Additive	Carbon Black	Dirt	Kaoliang Stalk
Salt	Carrageen	AS	Dyestuff	Copper Oxide	Reed	Pharmaceutical
Pea	Black Bean	PU	Pigment	Calcium Oxide	Paper	Foamed Wastes
Rice	Wheat Bran	Ore	Gypsum	Titanium Oxide	Bagasse	Applied Material
Corn	Konjac Jelly	ABS	Graphite	Talcum Powder	PC Board	Waste of Shoes
MSG	Pearl Barley	TPE	Fertilizer	Stibium Dioxide	Tree Bark	Waste of Plastic
Sugar	Fish Powder	PVC	Asbestos	Powder Coating	Rice Stalk	Waste of Rubber
Wheat	Healthy Food	TRP	Stabilizer	Aluminum Oxide	Rice Husk	Waste of Leather
Ginger	Blue-Green Algae	EVA	Catalyzer	Titanium Dioxide	Com Stalk	Waste of Sponge
Spices	Gelatin & Vegetable Gum	Coal	Diatomite	Activated Carbon	Palm Husk	Waste of IC Board
Pepper		Urea	Pesticides	Bamboo Charcoal	Bean Shell	Disposable Wares
Kaoliang		Fiber	Iron Oxide	Ammonium Nitrate	Glass Fiber	Electronic Material
Soybean		Resin	Zinc Oxide	Calcium Carbonate	Wood Scrap	
Rice Bran		Metal	Cobalt Oxide	Inflammables Metal	Circuit Board	
Agar Ager		Glass	Zinc Stearate	Manganese Dioxide	Coconut Shell	

### TURNKEY SYSTEM

For EVA Grinding (Recycling Purpose)



★ Mark is the Main Grinding machine.