

## Pulverizer

V.V.Industries is pleased to introduce ourself as a leading manufacturing unit engaged in the business of GMP Model Pulverizer. The range of Pulverizer is available from 30 kgs/hr to 1000 kgs/hr. for different application, where ever a powder product is required.



Available with us is a wide range of Pulverizer machines which is offered in different capacities like single mill Pulverizer and twin mill Pulverizer machine. These Pulverizer machines are used to lift up the granules as well as automatically recycles the heavy particles. We produce GMP (Good Manufacturing Practice) Model Pulverizer with materials of good standard and grade. We also provide all types of spares available anytime, And we provide services to the machine with a team of well experienced service engineers.

### Application :

Typical application of the GNP Model Pulverizer are grinding varieties of granulated materials. In V.V.Industries We Mainly concentrate on grinding Pharma industries and Food products giving a fineness of 0.250 microns, 0.500 microns, 1mm & 1.5mm.

### Feed system :

- Pulverizer Assembly consists of a Main Body, Liner Assembly, Cover, Hammers, and Screen.
- There are retaining grooves to locate and support the screen on the interior walls of the main body. Four screen tightening cams, secure the screen by pinching each corner of the screen between the cam and the inner radius of the retaining groove.
- The bottom of the liner assembly is open to discharge the pulverized material into the oval plate.

### **Motor :**

- 5hp FLP Motor, is automatically gets cut off in case of short circuit and any electrical fault.

### **Pulverizer support :**

- The pulverizer support consists of the following items:
- Structural mill base
- Main body and main drive is bolted to a common base.

### **Equipment Data :**

- Main – 5HP
- Motor Maximum Speed – 3000 RPM.
- Motor with Rotor Connected – Output – 6000 RPM.
- Power Requirements – As per specifications.

### **Pulverizer Drive :**

The Drive Sheave is mounted on the Rotor Shaft. Driven Sheave is connected by V – Belt to the Drive Sheave, which is mounted on the motor shaft. Motor is mounted on Side Rails to adjust tension of v – Belts. V- Belt Drive is covered by safety Guard.

A safety switch is provided to prohibit the operation of the mill housing cover off.

### **Technical Features :-**

- Model Grinding Disc Dia.H.P.App Through Pulverizer APP SPACE –
- L x L x H. MM
- PDM – 300400 M.M36 – 5030.100 kg/hr 1000 x 1250 x 750.
- PDM – 600600 M.M61 – 8080. 150 kg/hr 1500 x 2000 x 1000.
- PDM – 900800 M.M36 – 125120.350 kg/hr 2000 x 2500 x 1500.