

**COMMINUTING MILL :**



**Working:**

It consists of the box type chamber containing fixed blades which rotate at different speeds to break the material in to finer particle sizes. The product is input to the feed pan which takes it to the inlet and there by to the box type chamber. The chamber contains fixed rotor blades which rotate at designated speed to achieve the required particle size. The appropriate screen of the required mesh size is placed underneath allows the material sizes achieved to pass through and the rest are again ground till the come of specified size.

**Optional Features :**

- Flame proof motor with electrical fittings
- Castor wheels with brakes

**Salient Features :**

- Sturdily built construction and its unique design meet the requirements of best pulverizing and granulation
- The design of its comminuting mill speaks the glory of it by outdating the reversible comminuting chamber models which employs more manpower and risk to do the same. Chamber assembly and contact parts are made of SS 316/S.S. cladding.
- Openable chamber wall and the blade loss with sixteen fixed blades
- Shaft is provided with too many components on it and instead, the rotor acts as the driver with unique drive arrangement, which ensures less wear and tear resulting in easy maintenance.
- Different types of meshes from 4 meshes to 200 meshes can be provided to suit the application
- Machine is mounted on high quality S.S. pipes and castor wheels
- The motor is mounted on solid hard chrome plated rails for easy movement by a hand wheel
- The hopper with covers is mounted on the comminuting chamber to lead the product into the chamber
- Steps are provided for proper mesh fitment and hence assure longer life
- The control panel board mounted on the base plate is provided with star-delta starter for comminuting dual speed motor with proper protection

**Technical Specifications:**

Model	Comminuting Mill – 3000
Rotor Speeds	900/1800/2250/4500 RPM with sixteen fixed blades
Electric motor	5.5 KW/7.5 HP , 440 V, 50 HZ, Two speed -1400/2800 RPM
Maximum Output*	30 kg/hr to 1000 kg/hr
Machine size in mm	765 × 1400 × 1650
Net weight in Kg	540
Case size in mm	1422 × 965 × 1651
Gross weight in Kg	750

**Note :** Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.