

GRINDERS

In the production and preparation of plastics, rubber and chemicals, size reduction machines play a major role. In plastic processing plants, in particular, moulding excesses, scraps, damaged articles etc. accumulate. These are reduced to granules of required size by our grinders. The granules can be recycled, simplifying production and increasing profits.



PM - G - 1

Special features

- Heavy and sturdy construction makes the machine versatile and able to work under difficult conditions.
- Quick exchange of sieves enables machine to produce coarser and finer granules according to ones requirement.
- Easy accessibility of the grinding chamber, easy cleaning by opening the front lid.
- Special toggle type limit switch is connected to prevent any unintentional turning of rotor when cleaning or changing knives or sieves.

PM - Grinders

Special features

Feed this grinder by hand or a mechanical feeding devices as required for a specific material. The grinder is a heavy duty granulator with sturdy/robust construction for the production of clean granules. The material is processed directly by the specially designed rotor and stator knives and reduces to the desired particle size. The fly wheel effect of the rotor guarantees smooth, shock free running even when there is great stress. Also the upper part of the machine is easily opened by the swing back quick lock system. A switch prevents the motor from starting when the machine is open.

This machine can also have a Pneumatic Suction Unit which provides additional cooling, ensuring high output. It also enables the ground material to be discharged whenever required.

The size of the particles is determined by the selected mesh size of the screen installed in the machine.

Note : Pneumatic collection system can be provided to any model manufactured by Plastic Machineries.

Specifications

Model	G-M	G-1	G-2	G-3	G-4	G-5	G-16	G-24
Feed Opening (in mm)	100×150	100×150	250×200	300×275	350×255	350×255	460×400	610×400
Rotor Diameter (in mm)	100	150	225	300	400	400	400	400
Length of Knives (in mm)	100	100	250	300	250	250	400	300×2
No. of Knives	5	5	7	7	7	13	4	7×2
Power Requirement (in H.P.)	1	3	5	7.5/10	10/15	15/20	20/25	30/40
Production Capacity- Approx.								
Average (kgs/hr)	20/25	40/50	70/80	100/130	140/15	150/175	180/200	200/250
Weight-Approx. (In Kgs.)	60	170	350	600	800	1000	1200	1500
Shipping Space Required (in mm)	500× 1200	500× 1500	1000× 1500	1000× 1500	1250× 1500	1250× 1500	1250× 1700	1400× 1800