



Jas Enterprises
An ISO 9001:2008 Certified Company
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Masala Mill (Spice Mill)

Jas enterprises offer masala mill (spice mill), which grinds maize, spices, cattle feed, and poultry feed etc. It provided with a set of three numbers of perforated round holes screens, one brush for cleaning the machine. Is also has 3 meter cable with a plug and fitted with ampere meter and miniature circuit breaker for overload protection for motor. Also equipped with beaters are fully machined and balanced. Masala mill (spice mill) feature includes



- Dust free operation; does not waste product and cause no pollution hazards.
- Effective and continuous crushing leads to increased production and faster return on investments.
- Improved crushing efficiency thus low specific power consumption
- Minimized power consumptions by the way of fiction lose.
- Low temperature grinding.
- Silent running.
- Durable long life
- Guaranteed grinding efficiency

Masala mill (spice mill) operation

The materials to be ground into the crushing chamber of masala mill (spice mill) from feed hopper by gravity the beaters inside the crushing chamber accelerate the material to a very high speed to the toothed liner placed at the upper half of the crushing chamber. Shearing pulverizes the material. The ground materials through screens placed at the bottom periphery of the crushing chamber for bagging. Excess air filtered through a cotton balloon. Particle size varied using screens with different size holes.

Construction of masala mill (spice mill)

Masala mill (spice mill) made from heavy duty mild steel fabricated body. Aluminum grinding chamber lined with serrated wear steel plates, which protects the body from wear and tear. Grinding done by a set of fixed blades or hammers on a balanced rotor. A screen classifier forms the lower half of the grinding chamber.



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Application of masala mill (spice mill)

Masala mill (spice mill) are exclusively meant for the grinding of chili, coriander, dry ginger, black pepper, turmeric and curry powders, rava, besan, roasted coffee seeds, sugar, ambla, mehendi, heena, herbs, salt, on a small or large scale basis. These spices are ground in a two / three stage operation, depending on the fineness desired, i.e. The breaking of the turmeric in a large hole screen for the first operation, and the subsequent fine grinding done in a fine hole screen for the second and third operation. We give here below production figures for the same.

Model no	Jas 1302	Jas 1305	Jas 1310
Chamber size in inch	12 " x 06 "	12" x 06"	14" x 12"
Motor h.p.(kw)	2 (1.75 kw)	5 (3.75 kw)	10 (7.5 kw)
Grinding rotor rpm	2880	2880	2880
Size of machine	36 x 50 x 93 cm	115 x 40 x 68 cm	137 x 54 x 89 cm
	60 kilogram approx)	88 kilogram (approx)	200 kilogram approx)
Grinding capacity per hour	35 to 40 kilogram	85 to 90 kilogram	175 to 200 kilogram

Please note that

Pound (lb) = kilogram / 0.4535924

Standard accessories of masala mill (spice mill)

- Two numbers cotton balloons.
- Three set numbers of screen
- Ampere meter
- Electric motor
- three meter cable
- Suitable miniature circuit breaker for single phase motor or starter for three phase electric motor.

Options of masala mill (spice mill)

- Magnetic feeding hopper.
- all contacting parts stainless steel 304 / 316

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Developed and Managed by Jas Enterprises