

MASALA MILL



APPLICATIONS

Red Chilly
Dry Ginger
Dry Coriander Leaves
Black Salt
Black Cardamom
Jayvantri & Many More...

Turmeric
Clove
Fenugreek
Dehydrated Onion
Sesame Seeds

Coriander
Black Pepper
Black Cumin Seeds
Dehydrated Garlic
Tej Patta

Cumin Seeds
Dry Ginger
Fennel Seeds
Mustard Seeds
Green Cardamom

ADVANTAGES

- No foundation is required, So easy to install & start immediately
- The ground products can easily qualify by AGMARK "Seal.
- Due to air blower cool atmospheric Temperature prevents self colour, volatile oil & flavour.
- Compact design so required very less space.
- Dust free operation. No wastage of products & no pollution hazards
- Easy operation so no skilled labour required
- Very low maintenance so return on Investment will be very fast.
- Available in MS & SS Construction.
- Approved by all leading financial corporation & nationalized bank.
- Exported to South Africa, Nigeria, France, UK, USA, Middle East Countries, Australia, Sri Lanka, Bangladesh, Malaysia, Singapore, and Mauritius. Saudi Arabia & Etc



KALAS INDUSTRIES PVT LIMITED

📍 Plot No R-354, Rabale MIDC, Thane - Belapur Road, Navi Mumbai 400701.

✉️ info@kalasindustries.com / sales@kalasindustries.com

☎️ 7559769555 / 7559796555 / 9136017531

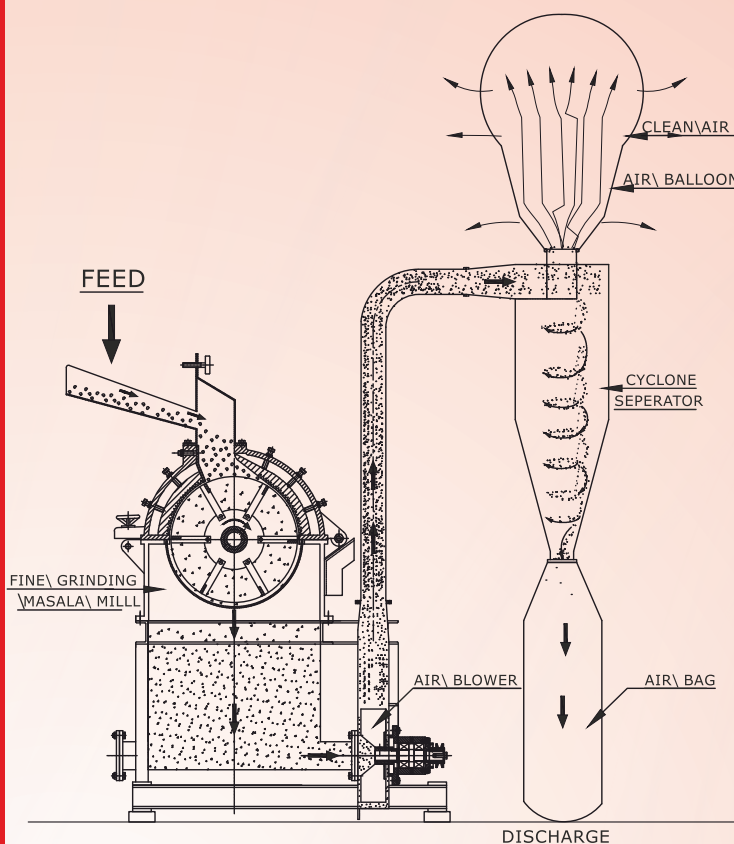
OPERATING PRINCIPLE

Masala Mill is economical unit designed to all types of spices for time saving operations.

All spices passes through a wide Feed Hopper into the grinding chamber. The swinging hammers in the mill chamber will crush the materials with the stationery top liners. The ground material is continually sucked by a powerful air blower through screen and conveyed through the pipe line into the cyclone separator for bagging. The air blower maintains constant atmospheric cool air flow in the mill chamber in order to obtain a cool product and continuously cleans the screen, thus increasing the output of the ground material. The particles size of the ground material can be varied by a changing the desired opening of the screen. The dust & ground material is gets separated in the cyclone separator. Top of the cyclone air balloon is fitted. The air balloon separates clean air & dust. The dust gets collected in air balloon. As soon as air balloon shakes the dust dropped into cyclone separator and get collected form balloon of the cyclone separator.

Whole grinding operation is carried out in a cool atmospheric condition, which prevent their Volatile oil, colour & flavour from the products.

Application Drawing of Masala Mill



Standard Supply:

Masala Mill complete with Feed Hopper, Machine assembly, Set of Top Liners, Set of Main Shaft assembly, Set of Bar type Hammer with carbide tip, Screen frame, Set of 3 Nos. of perforated screen, 'V' pulley for mill, 'V' pulley for motor, 'V' pulley for Air Blower, Set 'V' belt, Set of slide rail for motor, Set of Anti-vibration mounting pads, Safety guard for drive accessories, Cyclone Separator with stand, PVC Pipe Line and Set of Air Balloon.

NECESSARY BUT OPTIONAL SUPPLY:

1. Electric Motor for Mill
2. Electric Panel with suitable starter D.O.L Star delta type, semi-automatic & ampere meter for load indication.

MODEL	Rotor Dia in mm	Chamber Width(in mm)	Recommended Motor		Over Dim. In Meter			Capacity KG/HR		
			HP	RPM	Length(L)	Width(W)	Height(H)	Coarse	Fine	Average
MM-MS 05	250	150	5	2880	1000	900	2200	60	30	20
MM-MS 10	300	200	10	2880	1200	1000	2500	150	75	50
MM-MS 20	450	220	20	2880	1800	1400	3000	300	150	100
MM-MS 40	600	360	40	1440	2000	1800	5000	600	300	200
MM-MS 60	750	450	60	1440	2200	2000	6000	900	450	300
MM-MS 75	900	550	75	1440	2500	2200	6000	1500	750	500
MM-MS100	1050	650	100	1440	3000	2500	6000	2100	1050	700
MM-MS125	1200	750	125	1440	4000	3000	6000	2700	1350	900
MM-MS150	1350	850	150	1440	5000	4000	7000	3300	1650	1100
MM-MS200	1500	900	200	1400	6000	5000	7000	4200	2100	1400

Note : • Model available in **STAINLESS STEEL** and **GMP** also.

• The Capacity stated above is approximate only and depend on various physical properties of material to be grand