



CENTRIFUGAL JUICER MASTICATING JUICER VEGETABLE & FRUIT PULPER HOT BEVERAGE VENDING MACHINES

Jas ENTERPRISES

AN ISO 9001:2008 CERTIFIED COMPANY

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POUNDING MACHINES



Jas enterprise offers pounding machine (kandap machine). It is ideal for making powder of food grains and ayurvedic medicines according to traditional methods. It is fitted with cam lever arrangements for extra power to hammer. Automatic stirrer is provided in the chamber to shift the materials while hammering. It is equipped with specially designed liver to lock/unlock the hammering process. Sieving can be done while hammering is locked/stopped. It is provided with fly wheel with pulley for easy smooth operations. Some of its features include less noise, dust free operation, no wastage of product & pollution hazards, low maintenance, et cetera Grinding is carried out in a cool atmospheric temperature, which guarantee against any thermal degradation of product quality & flavors.

Operating Principle of Pounding Machine

A pounding machine consists of a set of heavy steel pounds, loosely held vertically in a frame, in which the pounds can slide up and down. They are lifted by cams on a horizontal rotating shaft. On Jas enterprise's pouncing machine, the cam

is arranged to lift the pounds from the side, so that it causes the pound to rotate. As the cam moves from under the pounds, the pounds falls onto the material below, crushing the rock, spices, roots etc and the lifting process is repeated at the next pass of the cam. Jas enterprises specially designed liver to lock/unlock the pounding process. Sieving can be done while hammering is locked/stopped.

Construction of Pounding Machine

Pounding Machine (Kandap Machine) Made from heavy duty iron fabricated Structure. Having 50 mm diameter X 1200 mm Length Hammers which is leafs by Steel Cam. Pound plate from Cast iron and covering Chamber from Sheet. Mild Steel Fabricated automatic stirrer in the chamber to shift the materials while hammering. A special Deigned liver to lock and unlock the hammering process sieving can be done while hammering is locked / stopped.

Typical Application of Pounding Machine

The Jas Pounding Machine can be used for a wide range of application e.g. Herbs & Spices like read chilies, Black pepper, White pepper, Cinnamon, Cardamom, Coriander, Red pepper, Oregano, Basil, Thyme, dill seed, shell corn, Gingko, Ginseng, Cava, Black cohosh, Ginger root, Yucca root, Cassava root, et cetera

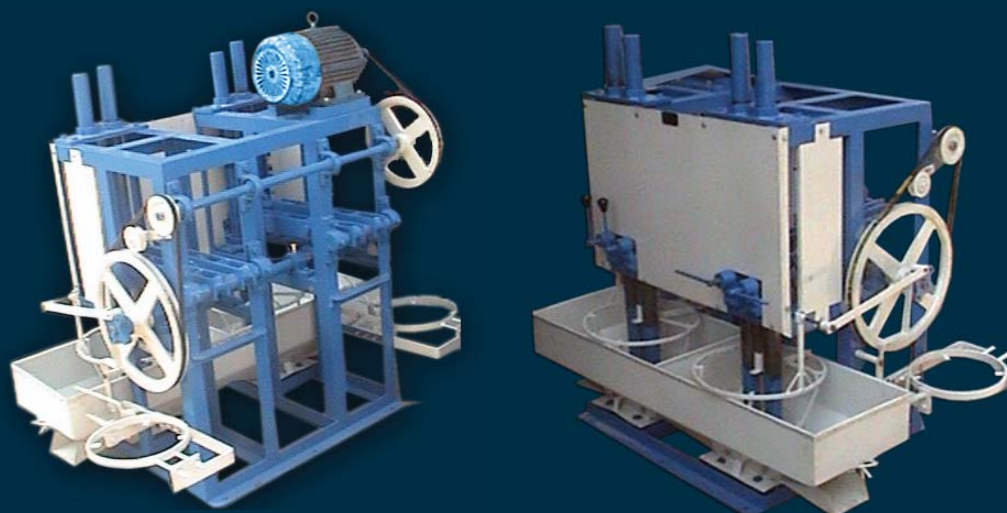
Outstanding Features of Pounding Machine

- Unique and Reliable Design
- The pounding series Machines are highly effective as well as non stop continuous pulverizing process.
- Compact size
- Dust free operation
- Ideal for dry crushing
- Increased production leading to faster return on the investments
- Rail For Motor Adjustment
- Machine & Motor Pulley
- V Belt for Motor & Fly Wheel
- Ideal Pulley
- Low Temperature Rise for Heat Sensitive Materials

Technical Specifications of pounding Machines

Model No	Jas-PM-101	Jas-PM-201
Hammers	Two	Four
Hammers Diameter	50 mm	50 mm
Hammer's Length	1200 mm	1200 mm
Cam	Two	Four
Drive	V Belt	V Belt
Required Electric Motor	1 HP	1.5 HP
Cam Shaft RPM	95 to 100	95 to 100
Pound Per Minute	195 to 200	390 to 400

Images of Pounding Machines



Standard accessories of pounding machine

- Motor & machine pulley & v belts
- Vibrating stirrer for moving ground materials
- Ground material vibrating screening system with lock & unlock provision.

Extra accessories of pounding machine

- Suitable totally enclosed fan cooled three phase or single phase sq. Cage motor {electricity (special power can be accommodated): 220/380/415 volts, 50/60 Hz, 1/3 phase }
- Suitable miniature circuit breaker with 3 meter cable & 3 pin top for single phase electric motors or starters, main switch, ampere meter, capacitor for single phase electric motor.
- Foundation bolts
- All contacting parts stainless steel 304 / 316 can be accommodated
- Different mesh screen for grading ground materials