



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

Jas ENTERPRISES

AN ISO 9001:2008 CERTIFIED COMPANY

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WET PULVERIZER



We have for our valued client commercial wet Pulverizer (Gravy Pulverizer) that have fully machined as well as dynamically balanced stainless steel 304 beaters. These wet Pulverizer (Gravy Pulverizer) pulverizer are known for continuous crushing and suitable for wet-pulpy grinding. Offered in compact size these wet Pulverizer (Gravy Pulverizer) do not require too much space.

Our commercial wet Pulverizer (Gravy Pulverizer) are used for grinding different types of product like wet dal (pulses) for dal vada, tomato, wet & dry chili, onion, almonds, cashew, ginger, garlic, and many more... and allied food production.

Operating Principle of Wet Pulverizer

The flow of material from the Feeding Hopper. Rotor with four cutters runs in anti-clockwise direction. The beaters pass just beneath the Ratchet Teeth Liner fitted inside the top half of the crushing chamber,

leaving a gap of 3 mm between the liner teeth and the tips of the rotating beaters. This cuts the material caught between the liner teeth like a sword with a scissors action at a high speed of 2880 rotations per minute.

After the required size reduction, the material will pass through the screen fitted inside the lower discharge end of the grinding chamber. No sieving is required, as the appropriate size screen fitted will not allow coarser material to pass through. The air generated in the crushing chamber forces the paste or gravy to pass through the screen fitted at the bottom discharge end of the crushing chamber, into a Filter attached to the delivery trough below.

Servicing guidelines of wet Pulverizer (Gravy Pulverizer)

Open the cover of chamber of wet Pulverizer (Gravy Pulverizer) all grinding parts cleaned with a brush in couple of minute and the wet Pulverizer (Gravy Pulverizer is ready for next crushing. If required, the grinding chamber can also be washed with water. Remove the screen, close the cover tightly and start the grinder. Now pour a bucket or two of water into the hopper. The grinding parts will be flushed with the water and cleaned. Continue running the machine for a few more minutes as the draft of the fresh air sucked into the grinder will dry it.

Typical Application of Wet Pulverizer

The Jas wet Pulverizer (Gravy Pulverizer) can be used for a wide range of application e.g. wet rice, green chilies, coconut, ice cubes, sugar, coriander leaves, pot herb, sweet potatoes, banana, peach, papaya carioca, Mozambique, custard apple, udad dal, tomatoes, grapes, lime, ground nut, onion, gourd, bulbous root, dates, pomegranate, pistachio nuts, mulberries, mung dal, boiled potatoes, carrot, all types of pest, ginger, garlic, mint, mango, dry dates, orange, almond, apple, and other item which can be grind with water

Outstanding Features of Wet Pulverizer

- Unique and Reliable Design
- The wet Pulverizer (Gravy Pulverizer) are highly effective as well as non stop continuous pulverizing process.
- Compact size
- Dust free operation
- Ideal for Wet grinding
- Increased production leading to faster return on the investments

Construction of Wet Pulverizer

Wet Pulverizer made from heavy duty stainless steel fabricated body. Stainless Steel grinding chamber lined with serrated wear stainless Steel plates, which protects the body from wear and tear. Grinding done by a set of Fixed better on a balanced rotor. A screen classifier forms the lower half of the grinding chamber.

Technical Specifications of wet Pulverizer (Gravy Pulverizer)

Model No	TW-WP-1202	TW-WP-1203	TW-WP-1204	TW-WP-1205	TW-WP-1206
Chamber Size (Ø= Diameter X width)	Ø 200 mm X 100 mm	Ø 200 mm X 200 mm	Ø 225 mm X 75 mm	Ø 325 mm X 90 mm	Ø 325 mm X 165 mm
Pulverizer's RPM	2880	2880	2880	2880	2880
Motor HP (KW.)	1.5 HP (1.125 Kw.)	2 HP (1.5 Kw.)	3 HP (2 Kw.)	5 HP (4 Kw.)	7.5 HP (6 Kw.)
Pulverizer's Dimensions	48 X 33 X 63 CM 36 kilograms Approximate	55 X 40 X 90 CM 59 Kilograms Approximate			

Standard Accessories of Wet Pulverizer

- Four numbers of different size holes screen for getting different paste.
- Three meter suitable cable along with ampere meter & miniature circuit breaker & Suitable totally enclosed fan cooled three phase or Single Phase Squirrel cage motor {Electricity (Special power can be accommodated): 110/220/380/415 Volts, 50/60 Hz, 1/3 Phase }

Note:- Model No TW-WP-1204, TW-WP-1205, TW-WP-1206 are available only in three phase.



Single Rotor Wet Pulverizer
for TW-WP-1202



Double Rotor Wet Pulverizer
for TW-WP-1203