



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

Jas ENTERPRISES

AN ISO 9001:2008 CERTIFIED COMPANY

60, SHREENATHJI ESTATE, PANNA ESTATE ROAD, RAKHIAL, AHMEDABAD, GUJARAT - 380025, INDIA
 TELEPHONE: +(91)-(79)-22745454 FAX: +(91)-(79)-22745062 GSM: +(91)-9427417384-9426068680
 URL: <http://www.jasenterprise.com/>
 E mail: info@jasenterprise.com & jasparvan1990@gmail.com

DUE TO CONTINUOUS IMPROVEMENTS, WE RESERVE THE RIGHTS TO ALTER AND/OR AMEND DIMENSIONS DESIGN WITHOUT PRIOR NOTICE.

DALIYA MAKING PULVERIZER



We have for our client commercial Dalia Machine that have fully machined & balanced beaters. These commercial Dalia Machine are popular for continuous crushing and suitable for making dalia. Offered in compact size commercial Dalia Machine do not require too much space.

Key Features of Dalia Making Machine :

- Unique and Reliable Design of the Dalia Making Machines series pulverizers are highly effective as well as non stop continuous pulverizing process.
- All contacting parts are non corrosive materials.
- All Rotating parts are dynamical balanced for less vibration & higher performances.
- Low temperature grinding technology thus the original ingredient cannot destroy.
- Ideal for dry crushing
- Increased production leading to faster return on the investments
- Hardened & fully machined shelving type beaters thus less wear & Tear.
- Single pieces grinding chamber no separate joints of fabrication for out late.

Operating Principle of Dalia Making Machinery

The flow of material from the feeding hopper is regulating by means of side handle easily to suit the load. Rotor 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 450 RPM. 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 powder to pass through the screen fitted at the bottom discharge end of the crushing chamber, into a Filter attached to the delivery trough below. (When crushing Wet-Pulpy materials, the balloon should not be use)

Servicing Guidelines of Dalia Making Machinery:

Open the cover of chamber all grinding parts cleaned with a brush in couple of minute and the pulverizer is ready for next grinding. If required, the grinding chamber can also washed with water. Remove the cotton balloon and 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. The beater when worm out removed and reserved by removing the cur clip lock holding to the rotor pins. When both the edges are worm out, they sharpened on an emery stone, to use as new. In addition, when completely warn out, replaced the equal weight and refitted. Please check the oil level of oil bath chamber regularly.

Standard Accessories of Dalia Making Machinery

- Three set of perforated round hole screens
- Easy movable hopper helps you to ensure continuous and steady feed to the machine. Very useful where feed material is to be manually dumped from bags.
- Motor Pulley
- Mid Steel fabricated foundation plate with adjustable rail for motor.
- One Numbers of cotton balloon.



Extra Accessories of Dalia Making Machinery

- Suitable totally enclosed fan cooled single or three phase Squirrel cage motor as per IS: 325 or 996 is supplied with mono pulverizer {Electricity (Special power can be accommodated): 110/220/380/415 Volts, 50/60 Hz , 1/3 Phase }
- Suitable miniature circuit breaker as per IS: 8828 with 3 meter cable & 3 pin top as per IS: 1293 are supplied with Daliya Machine as extra cost.
- 3 meter 4 core cable, starter, ampere meter, capacitor, are supplied with daliya machine at extra cost.
- All contacting parts Stainless steel 304 / 316 can be accommodated

Application of Dalia Making Machinery

The Techno Wings Daliya Making pulverizer are used for a producing dalia of wheat (broken wheat for wheat porridge, dalia), Maize daliya

Construction of Dalia Making Machinery

Commercial dalia machine is made from heavy duty cast iron base. Cast iron oil chamber housings for long life of bearings. Aluminum Grinding Chamber lined with serrated Stainless Steel plates, which protects the body from wear and tear. Grinding done by a set of Stainless fixed better on a balanced rotor. A screen classifier forms the lower half of the grinding chamber.

Available Models of Dalia Making Machinery

Model No	TW-DM-1402	TW-DM-1410
Crushing Chamber size Diameter X WIDTH	Ø 300 mm X 150 mm	Ø 400 mm X 200 mm
Required Motor	5 HP	10 HP
RPM Of the machine	600	600

DALIYA MAKING PLANTS



Cracked wheat or daliya is used to make a nutritious dish at breakfast or whenever a light meal is required. It can be made sweet or salty according to taste. The wheat is boiled in a little water and cooked till it becomes soft and the water evaporates. Sugar and milk may be added to the cooked wheat or it can be seasoned with salt, pepper and butter before serving.

We have for our client commercial dalia machine that have fully machined & balanced blades. These commercial daliya machines are popular for continuous crushing and suitable for making daliya. Offered in compact size commercial daliya machines do not require too much space.

Key features of dalia making machine

- Unique and reliable design of the dalia making plants series pulverizers are highly effective as well as nonstop continuous pulverizing process.
- Due to eccentric vibratory screen 3 grades are separated automatically.
- All contacting parts are non corrosive materials.
- Low temperature grinding technology thus the original ingredient cannot destroy
- Increased production leading to faster return on the investments
- Hardened and fully machined shelving type beater thus less wear and tear.

Operating principle of dalia making plant

The flow of material from the feeding hopper is regulating by means of side handle easily to suit the load. Rotor runs in anti-clockwise direction. The beater pass just beneath the ratchet teeth liner fitted inside the top half of the crushing chamber, leaving a suitable gap between the liner teeth and the tips of the rotating beater. This cuts the material caught between the liner teeth like a sword with a scissors action at a 650/1000 RPM. After the required size reduction, the material will pass through the screen fitted inside the lower discharge end of the grinding chamber, the appropriate size screen fitted will not allow coarser material to pass through. The air generated in the crushing chamber forces the powder & broken peaces to pass through the screen fitted at the bottom discharge end of the crushing chamber, into a filter attached to the delivery trough below. Due to low density of powder form it will be suck by blower and collected in bag by cyclone. Broken will separated by The vibrations are inducing by a cam-operated link.

Servicing guidelines of dalia making plant

Open the cover of chamber all grinding parts cleaned with a brush in couple of minute and the pulverizer is ready for next grinding. If required, the grinding chamber can also washed with water. Remove the cotton balloon and 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. Please check the oil level of oil bath chamber regularly.

Standard accessories of dalia making plant

- Three set of perforated round holes screens for crusher and 2 numbers of screen of vibratory screen.
- Motor pulley
- One numbers of cotton balloon.
- Mid steel fabricated foundation plate with adjustable rail for motor.



Extra accessories of dalia making plant

- Suitable totally enclosed fan cooled single or three phase squirrel cage motor as per is: 325 or 996 is supplied with mono pulverizer {electricity (special power can be accommodated): 110/220/380/415 volts, 50/60 Hz, 1/3 phase }
- Suitable miniature circuit breaker as per is: 8828 with 3 meter cable and 3 pin top as per is: 1293 are supplied with daliya machine as extra cost or 3 meter 4 core cable, starter, ampere meter, and capacitor, are supplied with daliya machine at extra cost.
- All contacting parts stainless steel 304 / 316 can be accommodated

Application of dalia making plant

The techno wings daliya making pulverizer are used for a producing dalia of wheat (broken wheat for wheat porridge, dalia), maize daliya. maize grits, corn grits, etc..

Construction of dalia making plant

Commercial dalia machine is made from heavy duty cast iron base. Cast iron oil chamber housings are for long life of bearings. Aluminum grinding chamber lined with serrated stainless steel plates, which protects the body from wear and tear. Grinding done by a set of stainless fixed better on a balanced rotor. A screen classifier forms the lower half of the grinding chamber.

Available models of dalia making plant

Model No	Crushing Chamber size Diameter X WIDTH	Vibratory screen Size in mm	Required HP	Production capacity per hour
TW-DMP-410	ø 250 mm X 100 mm	600 x 1200	2 (1.5)	200-300
TW-DMP-511	ø 275 mm X 125 mm	600 x 1200	3 (2.25)	500-600
TW-DMP-612	ø 300 mm X 150 mm	750 X 1500	5 (3.75)	600-800
TW-DMP-713	ø 325 mm X 175 mm	780 x 1800	7.5	800-1000
TW-DMP-814	ø 350 mm X 200 mm	900 x 2400	10	1000-1200
TW-DMP-915	ø 375 mm X 225 mm	900 x 2400	12.5	1200-1500
TW-DMP-1016	ø 400 mm X 250 mm	900 x 2400	15	1500-2000