



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

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CENTRIFUGAL JUICERS

Fruits or vegetables are inserted into a chamber and a spinning cutting blade grinds the plant material down into small shreds and sends it against a straining screen basket that is spinning at the same high speed as the cutting blade. The weight of the plant material spinning at high speed creates a great force, which is pushing against the screen. This centrifugal force pulls the juice out of the plant material and the juice slips through the straining screen and leaves the dry material, or pulp, behind within the screen. This type of juicer is not recommended for soft fruits such as bananas and berries and leafy vegetables such as parsley, spinach and wheat grass. These juicers produce some foaming due to the high speed of processing the juice. These units are louder in operation than Masticating type juicers

Full Basket Type centrifugal juicers :-

This is a very effective way to extract juice and is considered more effective than continuous pulp ejection type machines. The speed of the shredding wheel and basket is 3,000 RPM's. The pulp from the



fruits and vegetables are retained in the basket and are not automatically ejected during the juicing process. This allows the centrifugal force to continually extract the juice from the pulp screen/basket. The basket needs to be empty occasionally when full with pulp, usually after capacity of the juicer quarts of juice. Optional basket filters make this clean-up task easy.

Continuous Type centrifugal juicers :-

A second type of centrifugal juicer uses an angled strainer basket for continuous juicing. The plant material is pushed down against the spinning shredding blade and then forced against an angled basket. The pulp hits the angled basket and centrifugal force pulls the juice out of the shredded plant material similar to the full basket type units, but the pulp does not stay in the basket. The spinning plant material moves up the angled basket and the pulp is ejected from the machine into a container for easy disposal. This method allows for continuous juicing, as it is not necessary to stop to empty the basket while juicing. These units are easier to clean than full basket types.

Construction of Centrifugal juicers: Cast Aluminum body to cover suitable electric motor. Aluminum suitable round hole basket with stainless steel blade is fitted on electric motor which is brass clutch nut. Cast Aluminum cover is fixed on aluminum body. Aluminum Plunger.

Application of Centrifugal juicers

Centrifugal juicers are ideal for health centers, hostels, caterers, kitchens, beverage processing industries, for extracting good quality juice from carrot, pineapple, grapes, pomegranate, vegetable, orange, spinach, cucumber, lettuce, apricot, prune, strawberry, beet, celery, apple, pear, papaya, amalaki, & many more...

Key feature of Centrifugal juicers

- Unique and Reliable Design
- The centrifugal series juicers are highly effective as well as non-stop continuous Extracting Juice process.
- Compact size
- Increased production leading to faster return on the investments
- Long-lasting stainless steel & Aluminum Construction
- All Rotating parts are balanced for reducing friction losses and noise

Available models of Centrifugal juicers

Model No:	Jas-1006 (II)	Jas-1006 (I)	Jas-1005 (II)	Jas-1005 (I)
Motor	0.16 HP (0.12 KW)	0.25 HP (0.18 KW)	0.5 HP (0.37 KW)	1 HP (0.75 KW)
Capacity	2 Glass At a Time	4 Glass at a time	6 Glass at a time	16 Glass at a time
Size of Centrifugal juicers	14.5 inch X 14.5 inch X 9 Inch	18 inch X 18 inch X 10 Inch	20 inch X 20 inch X 11 inch	24 Inch X 24 Inch
Width of Centrifugal juicers	9 Inch	10 inch	11 inch	11.5 inch
Weight of Centrifugal juicers	11 kg	18 kg	25 Kilograms	42 Kilograms



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Standard accessories of Centrifugal juicers

- Suitable Electric Motor
- 3 meter cable & 3 pin top for single Phase Electric Motors.
- Specialized anti-vibrating rubber pads

