



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

Jas ENTERPRISES

AN ISO 9001:2008 CERTIFIED COMPANY

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EMERY ROLL MACHINE (HUSK REMOVER)

Emery Roller is a machine for de-husking pulses thus this machine some time called as Pulse Splitter. They are used in various pulse mills for pre-treatment and obtaining gota. It is operated by a motor and the hopper is mounted at one end. The roller with emery rotates inside a screen. Passing through the screen husks get removed and pulverized. The pulses which are shelled gets out of the outlet which is at the other end of the machine.

Jas Enterprises offer horizontal abrasive carborundum / emery stone grits roller cylindrical mill of different capacity, run by electric motor was developed for de-husking and splitting of food legumes viz. pigeon pea gram and black gram. It consisted mainly of emery coated roller to give 850-900rpm and dal (splits) recovery 74.75%. Though the unit is similar to traditional miller machine and gives more or less the same dal recovery. It is useful for small scale production of dal in villages & towns.

Key features of Emery Roller Machine (Husk Remover)

- Suitable for processing of all types of pulses with use of Screen
- Easy to operate. Also having screen setting to get maximum life of abrasives stone
- Operates by "flat / V belt pulley drive"
- Retains proteins and natural shine

Constructions of Emery roller (Husk Remover)

Emery Roller is used for De husking the pulses, wheat, grains, corn, maize, rice and many more is consist heavy duty fabricated Cover & Structure. Roller is rotating with a Emery Roller with lower RPM. Both end of shaft is fixed with Baring & Bearing housing to reduce the rotating frictions of the shaft and get with higher affectingly. The complete unit is mounted on heavy duty C Section Channel.

Operation of Emery roller (Husk Remover)

Jas Enterprises is offering Emery roller (Emery Roller Machine). This machine is simple in construction and easy to operate & maintain. It consist of horizontal Emery Roller is covered with, surrounded by a screen. Pulses, rice, wheat, maize, are passes via feeding hopper between screen & Emery roll. Because of lower RPM of machine grains, pulses et cetera were giving De husked.

Application of Emery roller (Husk Remover)

Used to remove the impurities adhering to the wheat surface. This machine is also used after the second dampening to remove the husk which has loosened after the first or second conditioning of the wheat, gram, green whole lentil, red whole lentil, toor dal whole beans, green gram, Moong, Black gram, urad. The specialty of our machine is that it takes less powder and give maximum production.

Standard accessories of Emery Roller(Husk Remover)

- Motor Pulley.
- Adjustable Rail For Fixing Motor.

Extra Accessories Of Emery roller (Husk Remover)

- Suitable totally enclosed fan cooled three phase or Single Phase Squirrel cage motor as per IS: 325 or 996.
- Suitable miniature circuit breaker as per IS: 8828 with 3 meter cable & 3 pin top as per IS: 1293 for single Phase Electric Motors.
- Starters, main switch, ampere meter, capacitor for Single Phase Electric Motor.
- Foundation bolts
- "V." Belts
- Magnetic Hopper



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Model No.	In Side Fitted Roll Size	Shaft	Machine RPM	Capacity per hrs kilograms	Electric Motor Required	Over All M/C Size L x W x H (MM)
JAS-HR-1	228 mm die x 685 mm length	40 mm	1000	400-600	5 HP (3.7 kw) or 7.5 H.P. (5.5 Kw)	1625 x 480 x 500
JAS-HR-2	254 mm die x 760 mm length	51 mm	1000	500-800	7.5 HP (5.5 kw) or 10 HP (7.5 Kw)	1680 x 500 x 500
JAS-HR-3	304 mm die x 760 mm length	51 mm	1000	800-1200	10 HP (7.5 Kw) or 15 HP (11 kW)	1680 x 520 x 520
JAS-HR-4	355 mm die x 840 mm length	51 mm	950	2000-2500	15 HP (11 kW) or 20 H.P (15 kW)	1830 x 600 x 600

Note:-

The machine body is made out of rigid steel and can be assembled either on a MS Stand or on a constructed concrete / brick platform according to the requirement of the buyer.150MM Taper fit.

