

ABRASIVE CONE POLISHER



Experience
you can depend upon
Quality
you can trust

INDIAN FOUNDRY WORKS



The design concept of the new vertical rice polisher is the result of the accumulation of vertical milling engineering expertise. This machine has been designed with driven and driving both Vee-belt pully for better life of Vee-belts to reduce the Power consumption of power, Better performance of wearing parts. This machine is high capacity and better performer to give super brilliant brightness for any variety and any degree of polishing. The polisher gives maximum possible percentage of head rice, with a minimum breakage. In addition, to a large quantity of good quality. Bran with high percentage of oil content is obtained which fetches a price premium in the market.

Functions

Polymer as its name tells its own function which means to remove brown layer from rice leaving it white. But it all depends on the polishing machine that how smoothly and scratchlessly it removes that brown layer so that rice looks pearly, this needs how accurate is the machine and its accuracy. Here at IFW we try achieve our best.

Reduced Cost

Higher capacity, Lower power requirement per Ton, better performance and wearing parts lead to a substantial reduction in operating cost. Better life of Vee-belts and minimise the breakage of rice.

Design

The machine is of sturdy cast iron construction. The principal part of machine, A carefully balanced cone which is balanced by Computerised balancing machine (only Indian foundry works has such type of machine to balance the cone) and tested on vibration measuring machine. Balanced cone coated with emery composition, revolves, inside a meal-cage of interchangeable segment lined with perforated sheet. Rubber brakes held inside the segment can be adjusted easily by wheels in order to control the flow of rice. Rubber brakes can be easily replaced whenever they worn out without removing the cribs from machine. Bran is automatically discharged by a revolving collection ring.

The machine is provided with taper roller bearing in neck and bottom with dust protection oil seals for consistently smooth operation and interchangeability in cones and cribs.

Versatility

Easy to adjust for different variety of rice and different requirement of polish.

Service Network

An IFW engineer is always close to you, no matter where you are.

S.No.	Diameter of Cone	Rice Capacity (in kgs.)	Power Required K.W.	R.P.M.	Overall Dimensions			
					Length	Width	Height	
1	12" horizontal	200 Kg	5.5	600	750	750	1550	1550
2	15" horizontal	250 Kg	5.5	580	800	800	1600	1600
3	18" vertical	350 Kg	7.5	580	800	800	1600	1600
4	24" vertical	500 Kg	7.5	450	914	914	1700	1700
5	27" vertical	700 Kg	9.25	425	940	940	1700	1700
6	30" vertical	1000 Kg	11	375	1040	1040	1830	1830
7	36" vertical	1300 Kg	15	350	1195	1195	1880	1880
8	39" vertical	1500 Kg	18	300	1245	1245	1880	1880
9	46" vertical	2000 Kg	22	250	1400	1400	1940	1940
10	50" vertical	2500 Kg	25	200	1450	1450	2000	2000

Due to continuous engineering improvements design & specifications are subject to change. Pictures shown in this folder are representative and not the entire range.

Indian Foundry Works® Emm Sons Industries

Near City Railway Station, Border Road, Ferozepur City, Punjab - 152 002.

Ph.: 224218, 225218, 224618 Fax: 01632-224218

e-mail: info@indianfoundryworks.com, indianfoundryworks@hotmail.com