

PADDY SEPARATOR

VARIABLE STROKE TYPE



Experience
you can depend upon
Quality
you can trust

INDIAN FOUNDRY WORKS



OSCILLATING TRAY TYPE

S.No.	No. of Trays	Output Kg/Hour	Power Required
1	16	5000-6000	3 hp
2	20	6000-7000	3 hp
3	24	7000-8000	5 hp

Role in unit : There are various machines involved in rice milling unit to process the paddy to rice. First of all the paddy is cleaned then shelled by dehuskers. We at mill can shell the paddy upto a limited percentage. The shelled paddy consists three type of grain : Paddy, Brown Rice & Husk. After shelling process, husk is separated by husk Aspirator. Now the mixture of Paddy and Rice is fed to Paddy Separator where we separate them and then rice goes for polishing process and the paddy for reprocessing at paddy bin.

Functioning : Separation of Paddy and rice is a very unique function. INDIAN Paddy separator perform this function very efficiently. First of all the mixture of paddy and rice is fed in the small feeding tray which supplies it to big feeding tray. In this tray the mixture spread all over the tray by the grace of its design and fed to main separating box through perfectly designed and finely made feeders and flow control slides. In main separation box the material is supplied to the perfectly crafted and fitted zig-zags and well levelled flooring. Indians well designed and made zig-zags are very efficient in separating the Grain to its exact class. Thus the paddy and Rice is separated and supplied to its destination.

Features :

- High capacity machines • Fine separation • Rigid and monocoque construction • Very high quality material used • Specially designed for Basmati Rice
- Low noise machines • Very low wear and tear of parts • Easy operation • Good fit and finish of machines • More output with lesser power consumption

Here at IFW, our engineers take special care in machine manufacturing. Very fine and seasoned quality teak wood is used in separation box. We use GI/SS sheets for zig-zag and flooring. In addition to this special and high quality Machines like Bosch and Dewalt are used in production line.

VARIABLE STROKE TYPE

S.No.	Comp.	Tiers	Output Rice/Hr.	Power Reqd.	Minimum Space Required
1	18	3	600 Kg.	2	2400 x 2700 x 2750 mm
2	36	3	1250 Kg.	2	3700 x 2700 x 2750 mm
3	45	3	1500 Kg.	3	4350 x 2700 x 2750 mm
4	48	3	2000 Kg.	3	4550 x 2700 x 2750 mm
5	54	3	2500 Kg.	3	5000 x 2700 x 2750 mm
6	56	4	2750 Kg.	3	4350 x 2700 x 2850 mm
7	60	3	3000 Kg.	3	5400 x 2700 x 2750 mm
8	60	4	3500 Kg.	3	4350 x 2700 x 2850 mm
9	64	4	4000 Kg.	5	4800 x 2700 x 2750 mm
10	75	5	5000 Kg.	5	4800 x 2700 x 2950 mm

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

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