

Gravity Paddy Separator.

DRTA



Gravity Paddy Separator.

High separating capacity and accuracy.



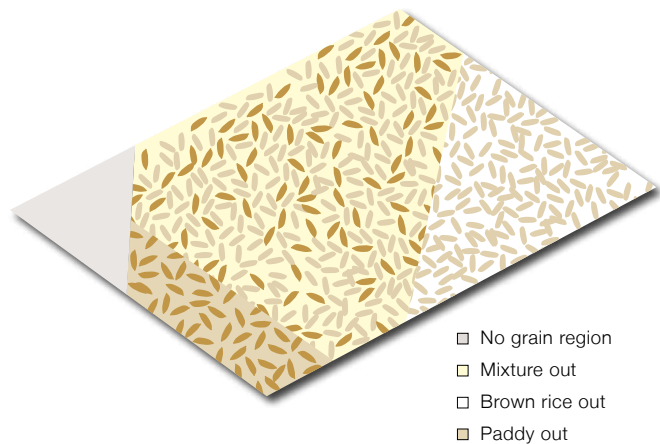
Features

- Excellent separating efficiency
- Suitable for all kind of grains
- Compact size with high capacity output
- On/off control with infeed sensor



Application

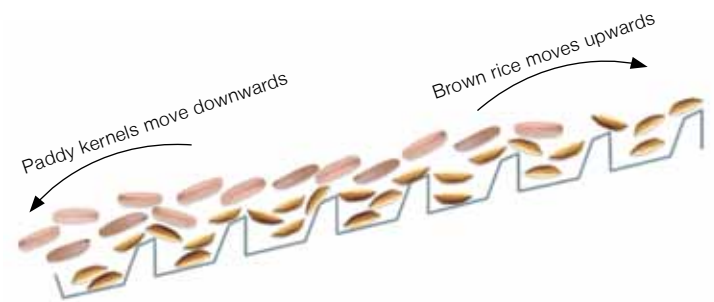
During hulling, paddy is de-husked and passes into the husk separator, where the husk is separated out. The mixture of paddy and brown rice passes into the DRTA gravity separator, where the paddy and brown rice are separated. The DRTA features easy-to-operate adjustments and can handle different varieties of rice, whether short, medium or long grain with, consistent efficiency and throughput.



Working Principle

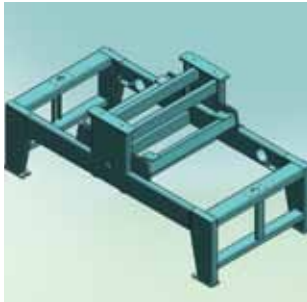
The principle of operation of the DRTA is based on the distinct difference in size and shape of paddy and brown rice. The mixture of brown rice and paddy is fed through the inlet onto the indented reciprocating trays. The specially shaped indents enable separation of paddy from brown rice while the flow of the product is achieved by the inclined vibrating trays - paddy flows downwards while the brown rice moves upwards.

The DRTA has three outlets – one for brown rice, the second for paddy which is recycled back to the huller, and the third for the mixture of paddy and brown rice, which is recycled back to the inlet of the DRTA.



Gravity Paddy Separator.

Easy and trouble free operation.



Base Frame

- Compact and sturdy
- Durable
- Small footprint
- Easy to install



Easy operation and adjustments

- Feed regulator for easy adjustment of product input
- Simple mechanism to control sieve plate angle



Designed for better efficiency

- Lateral angle adjustment for controlling separation efficiency
- Longitudinal angle adjustment for varying capacity needs



High reliability and safety

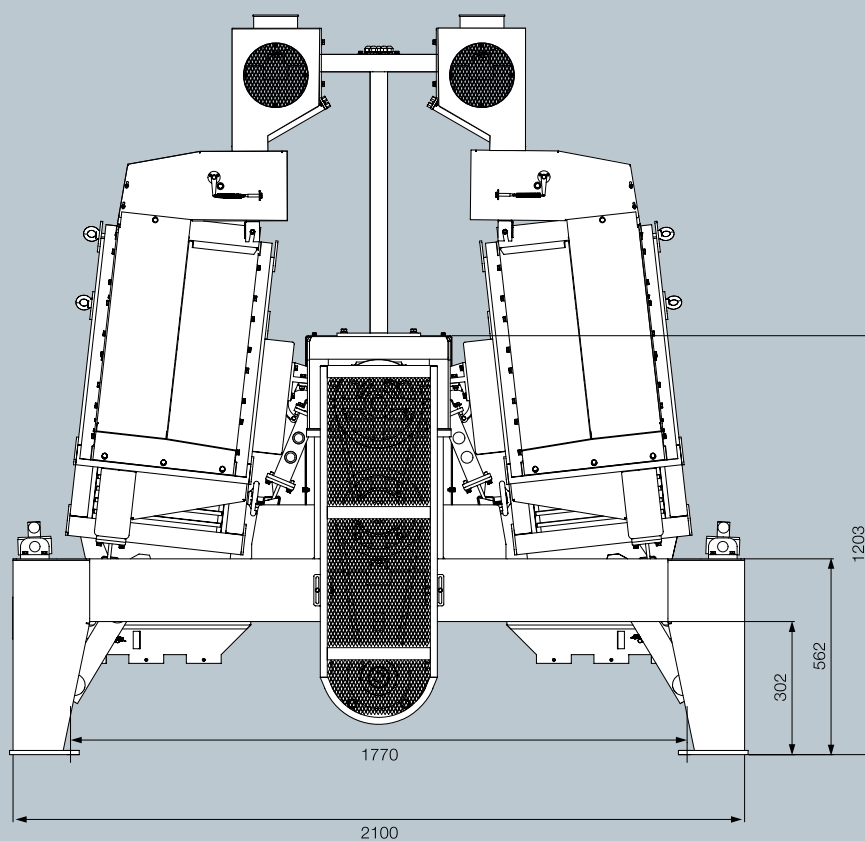
- Sieve covered by organic glass which avoids dust exhaust
- Transparent lid at the unload position, to check the separating effect more easily
- Convenient sampling point
- Easy access to main bearing location for lubrication



High throughput and efficient separation makes the Gravity Paddy Separator (DRTA) the preferred choice of millers

Gravity Paddy Separator.

Technical Data.




All dimensions in mm

Type	Capacity		Power		Weight(Kg)		Volume(mm)
	Raw material	Brown rice	50Hz	60Hz	gross	net	Ocean shipping
DRTA	7-8t/h	5-7t/h	2.2KW	2.53KW	1400	1100	2300×2300×2300

*Capacity as paddy & brown rice mixture input

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