



Manufacturer of

Paddy Parboiling Plants

Paddy Steaming Plants

Paddy Drier Plants



Rice is an essential food grain for the human beings and an important crop for farmers. With every passing year, production of rice is increasing constantly, contributing in the economic growth of India. To provide the best quality rice to consumers, processors/ farmers need good quality rice processing equipment that help in minimizing the post-harvest losses and maintaining quality of the crops. If the food losses are reduced, then both farmers' income and food security will increase. So, if farmers and food processing units need world class equipment, then they are most welcome at PFC Food Pro-Tech.

I am pleased to introduce our company PFC Food Pro-Tech as a leading rice tech company in India, growing at a fast pace. We are manufacturer, exporters, trader & supplier of Paddy Driers, Paddy Parboiled Plants, Steam Plants, Paddy Cleaners, Blowers and Heat Exchangers.

Although, the company commenced its business operations in March 2015, but we are proud of our strength and capabilities as a customer oriented company having modern state-of-art manufacturing facilities, efficient team and my own 20 years of profound experience in the modern rice mill machineries & equipments industry. From last 2 decades I have always been quite keen on introducing quality based machinery to the industry. We have sound knowledge relating to the management business segments, especially of manufacturing.

We manufacture our equipment using top-quality components and wear resistant materials. The state-of-the-art technology is used to design & develop the equipments. Plus, the whole product range is manufactured in accordance to the global quality norms and current market trends. Thus, our products are at excellence in terms of design, performance and reliability. It is due to their exceptional features, our equipments are demanded extensively. We have supplied our products to several clients who are satisfied with the quality of our products and gaining lucrative profits in their business.

Rajkumar
Director

PFC Food Pro-Tech

Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution...

Our Core Competencies

- Domain Expertise
- State-of-the-art Infrastructure
- Efficient Team
- Premium Quality Equipment
- Customer Focused Approach
- Prompt Deliveries of Products
- Ethical Business Dealings

Paddy Parboiling Plants

Capacity

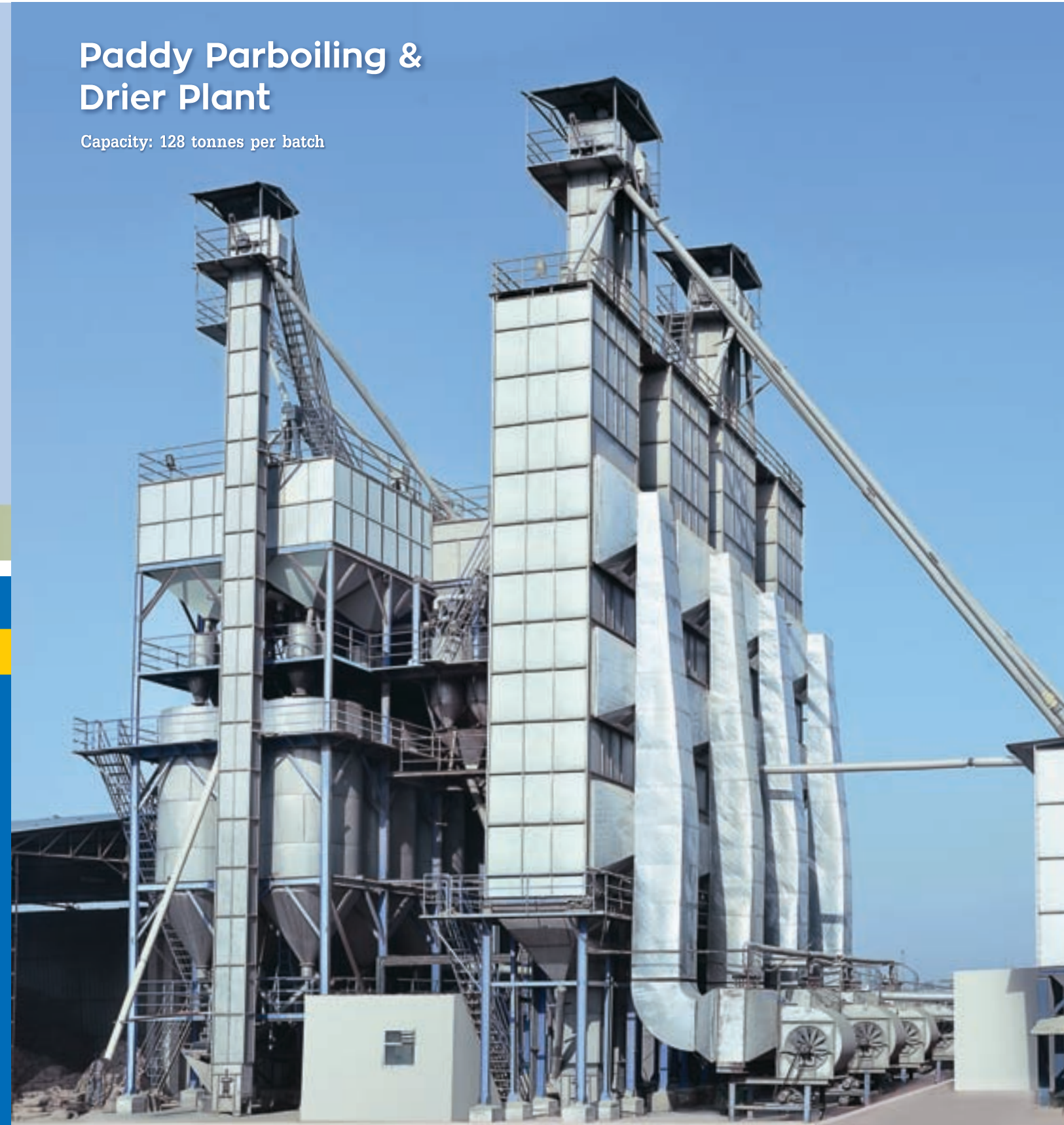
18, 20, 24 & 32 tonnes per batch (one drier)

Paddy Parboiling Plants are prepared here for Basmati and Non-Basmati rice which is also useful in making the Golden Sela and White Sela.



Paddy Parboiling & Drier Plant

Capacity: 128 tonnes per batch



Paddy Parboiling Plant Specification

- Single stage parboiling processing
- Kachi-Pakki system for Basmati paddy
- Pressure parboiling for normal paddy
- Parboiling for normal fine and superfine paddy without pressure
- Less man power & electricity power consumption



Paddy Parboiling & Drier Plant

Capacity: 288 tonnes per batch



Paddy Drier and Steam Heat Exchanger

- We manufacture the steam heat exchanger in different capacity (from 18 tonnes to 24 tonnes paddy) to be dried in the drier on per day basis.
- Very comfortable for cleaning all the tubes because of its folding system.
- Continuous spirally wound finned tube with crimped fins gives high efficiency than base tubes and more over it is wound with tension which gives 80% more efficiency. Now a day crimped fins have gained more and more acceptance and popularity in rice industries.
- Heat exchanger dries the paddy with (302 MS Fin Tubes) different number of tubes in fixed type and split type mode. In split type all rows can be dismantled and easily reassembled.



Paddy Steam and Drier Plants

Capacity

18 to 24 tonnes per batch (one drier)

Paddy Steam Plant Specification

- Useful in manufacturing of single steam rice which is prepared by mini boiler.
- Useful in drying of raw paddy which is dried by steam heat exchanger or direct husk power fire furnace or husk fire tube heat exchanger.



Paddy Drier Power Efficient Blower



- The paddy drier power efficient blower is designed with discharge area of 1472 sq. inch.
- Double aluminium impeller baffles are provided for extra circulation of air to give high efficiency at very large range of capacity.
- The blower impeller is dynamically balanced on precision balancer.
- It is driven by 10 HP motor, vibration free operation & improved efficiency with minimum power consumption (20-25% less).

Paddy Pre-Cleaner



Capacity

5 to 15 tonnes per hour

Size: 8'x4'

- Pre-cleaner features a three sieve system.
- Sieve system with an individual sieve slope for optimum separation on each screen.
- An inlet feed roller to feed over the entire working width of the machine.
- It is fixed and of variable drive to suit specific requirement and driven by 7.5 HP motor.



Manufacturing Facilities



Electrical Energy Required for Plant based on Single Drier per Batch in Horse Power

Drier	24 Tons	32 Tons	40 Tons	48 Tons
For Blower	12.5 HP	15.0 HP	20.0 HP	25.0 HP
For Rotor	2.0 HP	2.0 HP	3.0 HP	3.0 HP
For Elevator (Drier)	7.5 HP	7.5 HP	10.0 HP	10.0 HP
24 Tons -Bucket 10"				
32 Tons -Bucket 12"				
40/48 Tons - Bucket 14"				
Total	22.0 HP	24.5 HP	33.0 HP	38.0 HP

Paddy Parboiling Plant	24 Tons	32 Tons	40 Tons	48 Tons
For Bin's Elevator	5.0 HP	5.0 HP	7.5HP	7.5 HP
24/32 Tons - Bucket 8"				
40/48 Tons -Bucket 10"				
For Conveyer Belt	2.0 HP	3.0 HP	3.0HP	3.0 HP
For Water 2 pcs	6.0 HP	6.0 HP	10.0 HP	10.0 HP
Total	13.0 HP	14.0 HP	20.5 HP	20.5 HP

Steaming Plant	24 Tons	32 Tons	40 Tons	48 Tons
For Bin's Elevator	5.0 HP	5.0 HP	7.5 HP	7.5 HP
For Conveyer Belt	2.0 HP	3.0 HP	3.0 HP	3.0 HP
Total	7.0 HP	8.0 HP	10.5 HP	10.5 HP

Pre-cleaner Section	6-8 TPH	10 Tons	10 Tons	12 Tons
Inside Machine	2.0 HP	3.0 HP	3.0 HP	3.0 HP
With Blower	5.0 HP	7.5 HP	7.5 HP	7.5 HP
With Elevator	3.0 HP	3.0 HP	5.0 HP	5.0 HP
Bucket 8" for 24/32 Tons				
Bucket 10" for 40/48 tons				
Total	10.0 HP	13.5 HP	15.5 HP	15.5 HP

Total Electricity (Plant wise)	24 Tons	32 Tons	40 Tons	48 Tons
Parboiling & Drier Plant (with Pre-cleaner Section)	45.0 HP (33.570 kw)	52.0 HP (38.792 kw)	69.0 HP (51.474 kw)	72.4 HP (55.204 kw)
Steaming & Drier Plant (with Pre-cleaner Section)	39.0 HP (29.094 kw)	46.0 HP (34.316 kw)	59.0 HP (44.014 kw)	63.5 HP (47.371 kw)

International & National Sites

INTERNATIONAL

Bangladesh

Nepal

NATIONAL

Madhya Pradesh

Uttar Pradesh

Tamilnadu

Rajasthan

Haryana

Punjab

Bihar



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