

## PARBOILED RICE PROCESSING PLANT



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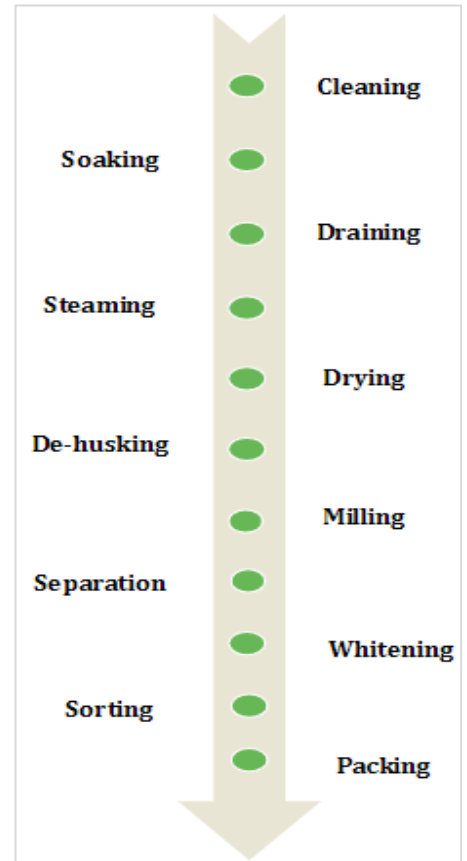
**Project Description:** Par-boiling is the hydrothermal treatment of paddy before milling. Rough rice that has gone through a steam-pressure procedure before grinding is known as par-boiled rice. To remove the outer hull, it is soaked, steamed, dried, and then milled. This method gelatinizes the starch in the grain, which is then used at the mill to harden it, resulting in reduced breakage and a firmer, more separate grain. Consumers and chefs who want extremely fluffy and separate cooked rice prefer parboiled rice. Some renowned players are Veer Overseas, Rohit Export, Rungta Export.

**Raw Material:** The main raw material is Rice.

**Market:** The par-boiled variety of rice is the fastest growing rice product in the global market. The global parboiled and white rice market reached a volume of 488.3 Million Tons in 2020. Looking forward, IMARC Group expects the market to reach a volume of 509.2 Million Tons by 2026. During 2020, India dominated parboiled rice trade and is expected to expand further in 2021 as demand rises. India is currently the largest parboiled rice supplier, followed by Thailand.

**Machines & Equipment:** Raw Paddy Processing Unit – Parboiling Unit – Husking Unit – Sorting Unit – Bagging and Packaging Machine,

<b>Minimum Viable Plant Capacity</b>	—	2000 Kg/Hr
<b>Plant and Machinery Cost (approx.)</b>	—	2.5 - 3 Cr
<b>Minimum Viable Project Cost (approx.)</b>	—	6 - 8 Cr
<b>Operational Days / Annum</b>	—	300 days with 20Hr/day
<b>Area required (approx.)</b>	—	3000 - 4000 m <sup>2</sup>



**NOTE:** Above mentioned figures and details are tentative. We recommend going for Techno-Economic Feasibility Study to understand the exact details of the project.

### Final Products:

