

## CORN GRITS PROCESSING PLANT



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**Project Description:** Maize is a multi-faceted crop used as food, feed and industrial crop globally. Maize has a very prominent role to play in the Indian economy too. Currently this coarse grain is cultivated in about 10.2 Million hectares in India. Grits are small broken grains of corn. They were first produced by Native Americans centuries ago.

**Raw Material:** To produce Corn grits, maize is the raw material.

**Market:** The increasing interest of the consumers in nutritionally enriched products and rising demand for poultry feed which accounts 47% of total maize consumption are the driving forces behind increasing consumption of Maize in the country. As per the demand estimates, the Indian Maize production has to grow with CAGR of 15% in next 4-5 years.

**Machines & Equipment:** Bucket Elevator – Drum Sieve – Destoner – De-huller – De-Germinator – Roller Mill – Vibro Sifter – Packing Machine

<b>Minimum Viable Plant Capacity</b>	—	2500 Kg/Hr
<b>Plant and Machinery Cost (approx.)</b>	—	2 – 2.5 Cr
<b>Minimum Viable Project Cost (approx.)</b>	—	5 - 6 Cr
<b>Operational Days/Annum</b>	—	300 days with 20Hr/day
<b>Area required (approx.)</b>	—	2000 – 3000 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:

- The coarsest of mill granulations, the applications of this grade ranges from ready-to-eat cereals to brewing adjuncts and from snacks raw material to foods dressers including traditional Indian namkeens, biscuits, pizza and bakery applications.
- The finer meal is used for extruded snacks, cereals, processed foods, baked goods, dry mixes, malt beverages and fermentation processes.
- Dusting Meal - Medium-grade meal are used in breads, pizzas, dry mixes, bread or muffin coatings and bakery blends.

