

50-Ton Corn Flour Milling Plant

This 50-ton corn flour milling plant efficiently processes corn into flour. It integrates cleaning, milling, sifting, and packaging stages to ensure high-quality flour production.



ADDITIONAL IMAGES



Overview

High-Efficiency Corn Milling Solution

This 50-ton per day corn flour milling plant is a comprehensive industrial solution designed for consistent, high-quality grain processing. The system integrates cleaning, milling, sifting, and packaging stages to maximize throughput while adhering to strict national standards for output quality and workshop safety. Engineered for durability, this plant provides a robust, automated infrastructure for medium-scale grain processing facilities.

Technical Specifications

Daily Input Capacity	50 tons/24h
Total Power Requirement	220 kw
Power Supply	380V / 50Hz
Operational Environment	Elevation < 1500m
Workshop Dimensions	30m (L) x 8m (W) x 8m (H)
Shipping Requirements	2 x 40HQ Containers

Output Yields

Output Yield Breakdown

55 % Corn Flour	17.5 % Corn Grit	17 % Feed Powder/Bran
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Raw Material Requirements

Input Material Standards

Parameter	Requirement
Material Type	Flint Corn
Moisture Rate	< 17%
Bulk Density	> 710g/L
Hard Corn Rate	> 70%

Installation & Operations

Staffing Requirements per Shift

- 1 Operation Technician
- 6 Workers (Packing & Conveying)