

Wheat Starch Production Line

This production line utilizes advanced processes and technology for wheat starch manufacturing. Its fully-closed, integrated structure and CIP online cleaning system ensure continuous 24-hour production with lower running costs.



Overview

Industrial Wheat Starch Processing Solution

This advanced industrial production line is engineered for high-efficiency wheat starch extraction and refining. The system utilizes sophisticated separation techniques, including the Matin and Tri-canter methods, to ensure premium quality output. It is designed to handle the entire processing cycle from initial dough making to final starch drying and wastewater treatment.

Performance

Daily Processing Capacity

300 tons/day

Pure Starch Output

Matin Method

Process Workflow

- Dough making and curing
- Dough receiving and washing
- Gluten dewatering and drying
- Separation of A-starch and B-starch
- A-starch refining, dewatering and drying
- B-starch concentration
- Treatment of wastewater

Tri-canter Method

Process Workflow

- Dough making
- Separation
- Gluten curing and drying
- A-starch refining, dewatering and drying
- A-starch and gluten reclaiming
- B-starch concentration
- Treatment of pentosan and fibre
- Treatment of wastewater