

Oilseed Extraction and Refining System

The oilseed processing line is a comprehensive system for efficient oil extraction and refinement from various oilseeds. This advanced machinery incorporates multiple stages, including cleaning, crushing, flaking, cooking, pressing, and solvent extraction, ensuring maximum oil yield and quality.



ADDITIONAL IMAGES



System Overview

Comprehensive Oilseed Processing Solutions

This industrial-grade extraction and refining system offers a complete, end-to-end solution for processing various oilseeds, including soybean, rapeseed, peanut, rice bran, and corn germ. Designed for high-efficiency operation, the system integrates cleaning, pre-treatment, pressing, solvent extraction, and refining stages into a unified, automated workflow. With scalable capacity options ranging from small-scale 1 T/D operations to large-scale 3000 T/D facilities, it provides flexible, reliable, and intelligent control for modern oil production environments.

Key Capabilities

Supported Oilseeds

Soybean, Rapeseed, Peanut, Rice Bran, Corn Germ, Walnut, Almond, Camellia, Wheat Embryo, Peony Seed, Prickly Ash Seed, Sesame, Flaxseed

Performance Metrics

Processing Capacity Range

1 T/D

Minimum Capacity

3000 T/D

Maximum Capacity

Technical Features

Control System

Automated • Intelligent Electric Control • Real-time Monitoring

Included Components

- Rotary screener
- Aspirator
- Conditioner
- Dry expander
- Counterflow cooler and drier
- Jet drier
- Vertical leaf filter
- Horizontal leaf filter
- Pulse filter
- Twin-screw expeller
- Meal cracker

Service Scope

Engineering Services

Service Type	Scope
Project Design	Feasibility studies & Process design
Contracting	EPC (Engineering, Procurement, Construction)
Implementation	Manufacturing, Installation & Adjusting
Operational	Training & Technical support