

Compact Oil Refining System

This compact system efficiently refines various oil-bearing seeds. It is designed for easy installation, operation, and mobility, offering full refining functionality in a small footprint.



Product Overview

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This compact oil refining system is designed for professional oil processing, offering full refining capabilities with a focus on ease of operation and installation. It is highly versatile, allowing for the processing of various vegetable oil-bearing seeds while remaining lightweight and movable. With lower initial investment requirements, this system provides a cost-effective solution for small to medium-scale operations looking to produce high-quality, refined edible oil.

Key Features

Operational Advantages

Versatile Application, Easy Oil Type Switching, Low Investment, Simple Installation, Portable Design

Refining Process

Refining Stages

- Degumming: Removes gums to improve storage and quality
- Neutralizing: Removes Free-Fatty Acids using caustic soda
- Decolorizing/Bleaching: Removes color pigments
- Deodorizing: Removes odors and flavors under high temperature
- Dewaxing: Optional process for cold-sensitive oils

Main Equipment

Included Equipment

Component	Quantity
Heat Conduction Furnace	1 set
Steam Generator	1 set
Refining Pot	2 sets
Decolorizing Pot	1 set
Deodorizing Pot	1 set