

# Oil Seed Preparation Equipment

This equipment prepares oil seeds for efficient mechanical pressing. It cleans and prepares seeds like groundnut, sesame, sunflower, soybean, canola, and maize germ by crushing, decorticating, flaking, and cooking.



## Overview

### Oil Seed Preparation & Pressing

Oil seed preparation is essential for transforming raw seeds into a condition suitable for efficient mechanical pressing, ensuring high-quality cooking oil production. This comprehensive system handles a wide variety of feedstock, including groundnut, palm nut, sesame, sunflower, cotton, soybean, canola, and maize germ. The integrated workflow covers the entire process from initial cleaning and dehusking to flaking, cooking, and final oil extraction.

## Technical Specifications

Capacity Range	5T/D - 1000T/D
Compatible Seeds	Peanut, Palm Nut, Sesame, Sunflower, Cotton, Soybean, Canola, Maize Germ

## Process Workflow

### Operational Workflow

- Silo
- Cleaner
- Dehusker
- Kernel & Shell Separator
- Cooker
- Oil Press

## Equipment Components

### Included Equipment

- Bucket elevator
- Kernel & Shell separator
- Screw conveyor
- Flaker
- Softener
- Oil Press