

# Oil Seed Preparation Screw Conveyor

The oil seed preparation screw conveyor efficiently moves materials for optimal processing. It prepares seeds like peanut, sesame, and sunflower for mechanical pressing.



## Overview

### Oil Seed Preparation System

This industrial-grade preparation system is engineered to clean and condition oil seeds to an optimal state for mechanical pressing. Designed for versatility, it supports a wide range of oil-bearing seeds including groundnut, palm, sesame, sunflower, cotton, soybean, canola, and maize germ. The system integrates multiple stages—from cleaning and dehusking to flaking and cooking—ensuring maximum efficiency and yield in your oil production line.

## Performance

### Processing Capacity

**5 T/D**

Minimum Capacity

**1000 T/D**

Maximum Capacity

## Compatibility

### Supported Seed Types

Peanut, Palm Nut, Sesame, Sunflower Seeds, Cotton Seeds, Soybean, Canola, Maize Germ

## Operational Workflow

### Processing Stages

- Silo Storage
- Cleaning
- Dehusking
- Kernel & Shell Separation
- Cooking
- Oil Pressing

## Equipment Components

### Included Equipment

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