

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