

# Oil Seed Softener for Oil Pressing

This oil seed softener is designed for pre-treatment in oil extraction processes. It prepares seeds by optimizing moisture and temperature to enhance the efficiency of oil extraction.



## Product Overview

### Oil Seed Preparation and Softening

This oil seed preparation equipment is designed to clean and condition various oil seeds, ensuring they are in the optimal state for mechanical pressing. By utilizing a comprehensive workflow including cleaning, dehusking, and softening, the system maximizes oil extraction efficiency. It is suitable for a wide range of oil-bearing crops, supporting diverse processing capacities to meet specific operational needs.

## Performance Metrics

### Processing Capacity

**5 T/D**

Minimum Capacity

**1000 T/D**

Maximum Capacity

## Compatibility

### Supported Oil Seeds

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

## Technical Workflow

### Standard Processing Workflow

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

## Equipment Components

### Integrated Equipment List

- Bucket Elevator
- Kernel & Shell Separator
- Screw Conveyor
- Flaker
- Softener
- Oil Press