

# Vegetable Oil Refining Crystallization Tank

This crystallization tank is used in vegetable oil refining processes. It is designed to sterilize, clean, and purify crude vegetable oil derived from pressing or solvent extraction.



## Product Overview

### Vegetable Oil Refining Crystallization Tank

This advanced crystallization tank is a critical component in professional vegetable oil refining lines, designed to handle sedimentation, filtering, and winterization processes. It integrates seamlessly into automated systems to ensure high-quality refined oil through precise temperature control and efficient phase separation. With a versatile design, it supports both physical and chemical refining methods tailored to specific crude oil qualities.

## Performance Specifications

### Capacity Range

**5 T/D**

Minimum Capacity

**300 T/D**

Maximum Capacity

### Refining Sequence

- Neutralization
- Degumming
- Decolorization
- Deodorization
- Dewaxing

## System Advantages

### Process Advantages

- Continuous neutralization system reduces soapstock and waste
- Negative pressure system improves energy efficiency and oil quality
- Low-temperature deodorizing technology reduces trans fatty acids

## Equipment Components

### Primary Components

Refinery Pot, Centrifuge, Leaf Filter, Deodorizing Tower, Crystallizing Tank