

Vegetable Oil Refinery Deodorizing Tower

This deodorizing tower is used in vegetable oil refineries to remove unwanted odors and volatile compounds. It is constructed with stainless steel for hygiene and corrosion resistance.



Overview

Vegetable Oil Refinery Deodorizing Tower

This industrial-grade vegetable oil refinery system is engineered for comprehensive sterilization, cleaning, and purification of crude vegetable oils. It supports versatile processing stages including neutralization, degumming, decolorization, deodorization, and dewaxing. Designed for high efficiency, the system utilizes advanced negative pressure and continuous neutralization technologies to optimize energy consumption, reduce waste, and improve final oil quality while minimizing trans fatty acid levels.

Performance

Capacity Range

5 T/D

Minimum Daily Output

300 T/D

Maximum Daily Output

Process

Standard Refining Steps

- Neutralization
- Degumming
- Decolorization
- Deodorization
- Dewaxing

Equipment

Core Equipment List

- Refinery Pot
- Centrifuge
- Leaf filter
- Deodorizing tower
- Crystalizing tank

Process Advantages

Technical Benefits

Continuous Neutralization, Negative Pressure System, Low Temperature Deodorization, Reduced Soapstock Amount, Energy Saving, Minimized Trans Fatty Acid