

# **Foldable containerized type for oil refineries**





## Overview

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Modular refineries are pre-engineered, skid-mounted process units — distillation towers, heaters, reactors, utilities — fabricated in controlled yards and shipped in ISO-frame modules that bolt together like oversized Lego blocks. What is a mini refinery?

The Mini-Refineries are skid mounted, modular crude oil distillation units (CDU) which process from 50,000 to 450,000 metric tons (1000 - 9,000 BPD) of crude oil per year and are capable of producing a variety of finished products including naphtha (straight run gasoline), kerosene, arctic and summer diesel and fuel oil.

What are the different types of crude oil refineries?

Modular Refineries Mini Crude Oil Refineries Hydroskimming Refineries Traditional Refineries Conventional Refineries High-Yield, Diesel-Topping Units Modular Gas Plants Crude Oil Flow Stations Oil and Gas Process Equipment Plant Relocations Gas Processing Plants Full-Conversion Crude Oil Refineries Petrochemical Plants.

What is a traditional refinery?

A traditional refinery is a high-capacity crude oil refinery constructed at a site involving various processing units to produce and meet high-quality petroleum products, such as high-octane gasoline, aviation or jet fuel, and ultra-low sulfur diesel.

What are modular crude oil refineries?

Modular crude oil refineries are prefabricated processing plants designed to distill crude oil into a range of petroleum products, including naphtha, kerosene, diesel, residual fuel oil, and off-gas.



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