

Plastic to Oil Conversion System

This industrial equipment converts plastic into oil through refining. The system features stainless steel tanks, condensers, piping, and a control panel.



Product Overview

Waste-to-Energy Solution

This advanced plastic-to-oil conversion system provides a comprehensive solution for managing plastic waste while generating usable fuel. By utilizing a catalytic splitting process under common pressure, the system efficiently converts a wide variety of waste plastics into diesel and gasoline. Designed for ease of use and high safety, it offers a sustainable method to reduce environmental pollution while providing a quick return on investment.

Technical Performance

Oil Production Rate

50 %

Minimum Yield

80 %

Maximum Yield

Output Fuel Types

Diesel (20#-0#), Gasoline (80#-90#)

Operational Features

Process Capabilities

- Automatic feed-in system
- Automatic mixing
- High-temperature residue exhausting
- Catalytic splitting under common pressure
- Enclosed electrical heating

Compatible Waste Plastics

- Plastic films (land use)
- Packing belts and pockets
- Fast food cases
- Plastic bags and bottles
- Barrels
- Electric equipment covers
- Leftover plastic bits and pieces

Design & Installation

Installation Highlights

Easy installation • Easy transportation • No terrain restrictions • Compact footprint

Overall Dimensions

500 m