

Fuel Oil Supply and Booster Module

The fuel oil supply and booster module is used for fuel oil systems including land power stations and marine main and auxiliary engines that burn high-viscosity heavy fuel oil. The module incorporates pumps, filters, valves, and instrumentation to ensure optimal fuel delivery and pressure control.



Product Overview

System Description

The Fuel Oil Supply and Booster Module is a pressure-style system designed for land power stations and marine engines utilizing high-viscosity heavy fuel oil. This pre-engineered unit ensures reliable fuel delivery through integrated pumps, viscosity control, and advanced filtration. It offers high thermal efficiency and a compact design, which significantly helps in reducing installation and shipbuilding periods.

Key Features

Automated Functions

Semiautomatic Back-flushing Filter, Automatic Viscosity Control, Automatic Pump Alternative, Automatic Exhaust, PLC Auto/Hand Control, Automatic Error Alarm

System Components

Core Equipment List

- Oil supply pumps
- Circulating pumps
- Flowmeter
- Mixing tank
- Primary fuel filter
- Semiautomatic cleaning filter
- Fuel oil heater
- Viscosity control system
- PLC electric controller

Technical Specifications

Operational Temperature

80 Celsius

Minimum Inlet Heating

Compatible Systems

Marine Main Engine • Auxiliary Engine • Land Power Station