

Hydraulic Power Unit with Heat Exchanger

This hydraulic power unit integrates a plate heat exchanger for thermal management. It incorporates a reservoir, pumps, filters, and a network of pipes, mounted on a frame.



Overview

High-Performance Hydraulic Power Unit

This hydraulic power unit is engineered for demanding industrial applications, integrating a robust reservoir, high-efficiency pumps, and a sophisticated plate heat exchanger. Designed as a modular, skid-mounted system, it ensures operational stability and ease of installation in complex machinery environments. The inclusion of integrated filtration and monitoring sensors provides reliable performance and facilitates proactive maintenance for critical hydraulic processes.

System Configuration

Design Configuration	Skid-mounted modular design
Integrated Components	Plate Heat Exchanger, Hydraulic Reservoir, High-Pressure Pumps, Filtration System, Performance Sensors

Technical Features

Monitoring & Control

- Integrated pressure gauges
- Fluid performance sensors
- Filtration status monitoring

Filtration System

Integrated Red Filter Units

Cooling Technology	Plate heat exchanger with tie-rod assembly
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