

Mobile Gas Recovery System

The gas recovery device is engineered for efficient gas retrieval. It features a robust frame, compressor, pressure vessel, and integrated controls for precise operation and gas purity.



Overview

Professional SF6 Gas Recovery System

This high-performance gas recovery device is engineered for the efficient recovery, purification, and filling of SF6 gas in insulated switchgear. Featuring a compact, mobile design, the system utilizes advanced dual-pole rotary vacuum technology to ensure rapid processing and high vacuum precision. With integrated intelligent heating and automated control systems, it provides a safe, reliable, and stable solution for industrial gas management.

Performance Metrics

Key Performance Indicators

20 m³/h

Reclaim Speed

60 m³/h

Vacuumizing Speed

400 kg

Max Storage Capacity

Detailed Technical Parameters

Parameter	Value
Max. Exhaust/Storage Pressure	4 MPa
Ultimate Vacuum	10 Pa
Moisture Content	d40 μ/L
Dust Control	1 μm
Oil Control	0 μg/g

Technical Specifications

Power Supply	380V 50Hz
Operating Noise	75 dB
Weight	1100 kg
Dimensions (L×W×H)	2050×1100×1840 mm
Ambient Temperature Range	-10~40 °C

Features

Key Features

- Positive and negative pressure recovery functions
- Double-pole vortex sliding-vane rotary vacuum pump
- Efficient separation and dust-cleaning purification system
- Intelligent heating and filling control
- Mobile design with integrated storage tank and level meter