

Solvent Recovery System

This solvent recovery system utilizes Siemens PLC, frequency conversion, and a touch screen controller for stable and safe operation. The system employs steam desorption and adsorbent regeneration, extending the adsorbent's service life.



Overview

High-Efficiency Solvent Recovery

This advanced solvent recovery system is designed for industrial applications to capture, filtrate, and recycle organic exhaust gases. By converting waste gas into liquid form, the unit enables significant solvent recycling, reducing waste disposal costs and environmental impact. Engineered for high performance, the system utilizes multi-stage processing including evaporation, condensation, and separation to ensure high-purity recovery.

Performance

Adsorption & Recycling Efficiency

95 %

Minimum Efficiency

98 %

Maximum Efficiency

Technical Features

Core Capabilities

- Organic exhaust adsorption and filtration
- Waste gas to liquid conversion
- Automated control systems
- Multi-stage evaporation and condensation
- Integrated safety mechanisms

Construction Quality

Corrosion-resistant materials, Robust industrial construction

Applications

Suitable Industries

Chemical Manufacturing • Pharmaceuticals • General Industrial Production