

High Efficiency Solid-Liquid Filter Press

This filter press is used for solid-liquid separation of various suspensions. It is widely applicable in industries such as coal, petroleum, chemical processing, metallurgy, and environmental protection.



Product Overview

High Efficiency Solid-Liquid Filter Press

This high-efficiency filter press is engineered for reliable solid-liquid separation across diverse industrial sectors, including chemical, petroleum, and food processing. Constructed with reinforced PP filter plates and a high-strength steel frame, it offers exceptional durability and corrosion resistance. The system features advanced hydraulic drive mechanisms and automated pulling plate controls, ensuring safe, labor-saving operation and optimal filter cake formation.

Technical Specifications

Standard Filtration Pressure	1 MPa
Max Material Feed Pressure	1.6 MPa
Max Squeezing Pressure	2.5 MPa
Hydraulic Drive Pressure	25 MPa

Construction & Materials

Filter Plate Material	Reinforced PP (Die Pressed)
Machine Frame	Welded high-strength steel

Operational Features

Control System	Electronic System, Computerized Automation, Manual Control Panel
Plate Pulling Capacity	2 to 5 plates per cycle

Applications

Suitable Industries

- Coal Mining
- Petroleum
- Chemical Industry
- Metallurgy
- Medicine
- Food Processing
- Textile
- Environmental Protection

Certifications

Compliance & Standards

CE • ISO 9001 • CNAS • IAF