



ROYTEC
Global Separation Solutions

Johannesburg | Perth | Toronto | Yantai

FILTER PRESS RANGE

A ROYTEC - SINO VENTURE



**EXCELLENCE IN
LIQUID / SOLID SEPARATION**

ROBUST EFFICIENCY | LOW CAPEX | ECONOMICAL OPEX

RANGE OF FILTER PRESSES

A ROYTEC - SINO VENTURE



Roytec Global is a privately owned business specialising in Filtration for mining and industrial applications. We have been active in Filter Press design and supply for the past twenty one years.

Roytec Global have entered into a agreement to fabricate Roytec Filter Presses for Global Markets.

The Roytec cooperation agreement combines the strengths of both Western design (adaptation to suitable Western standard of components such as bearings, gearboxes, hydraulics, etc) as well as Regional Aftermarket support, spares and service to provide a robust, competitive and well supported Filter Presses.



Roytec partner with companies that have been contributing to filter press designs for more than 15 years, possess professional design and fabrication capabilities sophisticated theoretical knowledge, and site application experience, combined with Roytec's extensive application and regional experience.

Roytec provide excellent equipment and integrated filtration solutions and service to global customers.



FULLY AUTOMATED ROYTEC FILTER PRESS

The **Roytec Filter Press** range offers versatile filtration/dewatering options with advance features including high feed pressure and diaphragm squeeze pressures, good drainage characteristics, effective cake washing, air-blow drying, easy cleaning of filter cloths and full automation.

Testwork, process specification, Filter Press sizing and full performance guarantees are provided by Roytec.

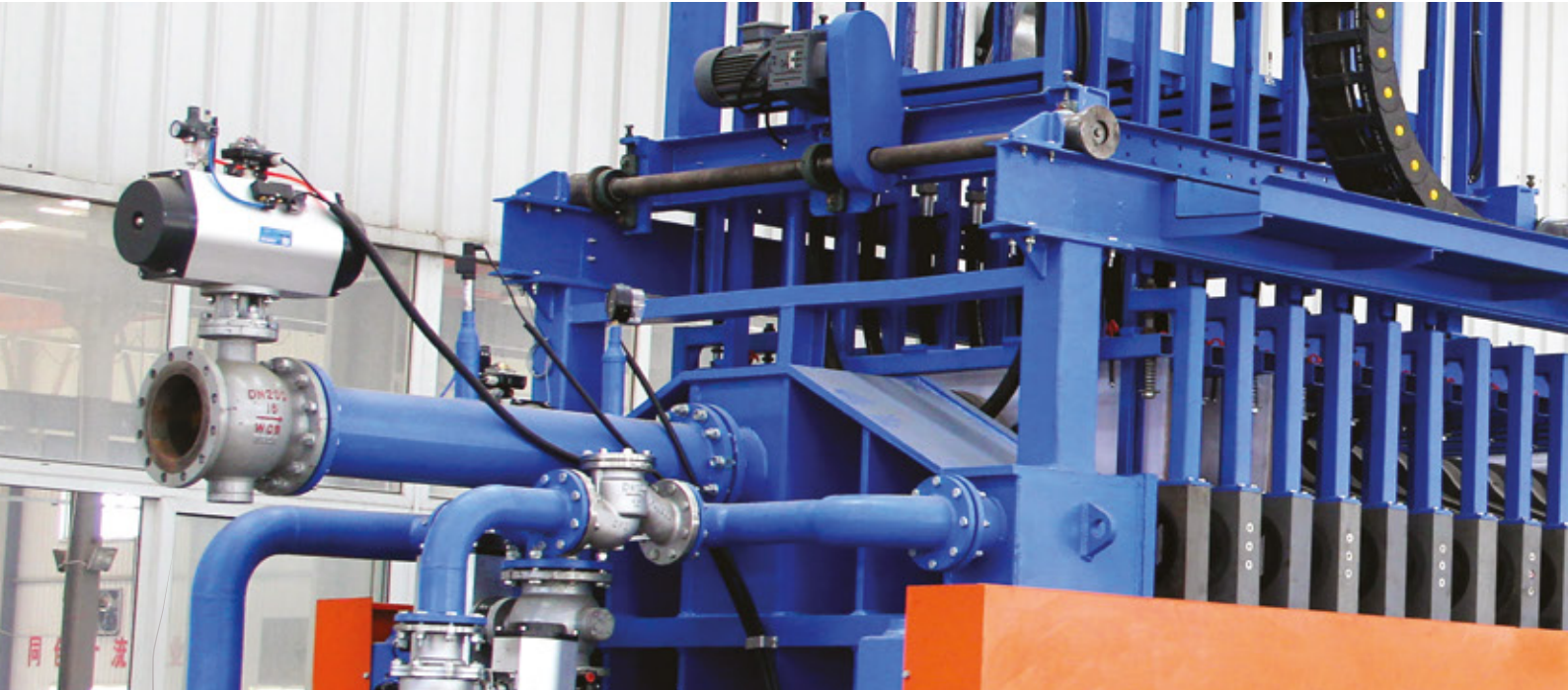
Roytec Filter Presses are customised to suit the client's application and are available in various degrees of Automation; Manual, Semi and Fully-Automated.

Size Range: Up to 1000 m² with 2m x 2m plates

Design: Overhead beam or Side-bar
Membrane or Chamber plates
Automated cake discharge
Fully automated in situ cloth washing.
Fully automated external cloth/plate wash and service bay.



FULLY AUTOMATED ROYTEC FILTER PRESS



FILTRATION SOLUTIONS FOR MINING AND INDUSTRY



FOR ALL APPLICATIONS



SIDE BAR



OVERHEAD BEAM

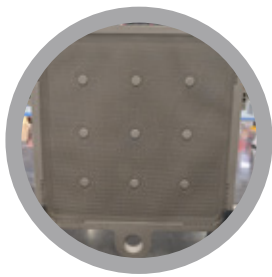


CLOTH WASHER

FULLY AUTOMATED ROYTEC FILTER PRESS



A SOLUTION TO MEET YOUR NEEDS



FULL RANGE OF FILTER PLATES

Filter Plates:

We offer a full range of Filter Plates including Membrane, Recessed Chamber or Plate & Frame. Available from Chinese and European suppliers, specified up to 30 bar feed pressure, high temperature and copper stabilised, as required

Plate Shifting & Cake Release:

Rapid individual plate shifting with 600mm cake discharge opening and cake release designs.

Package Filtration Plants:

We are able to offer package filtration plants, combined with pre-thickening and all ancillary equipment. Operating & maintenance assistance with service level agreements are available from **Roytec**.



FULLY AUTOMATED OPERATION

Filter Press Automation:

Fully automated systems including feed conditioning & pumping, cake washing, air-blow drying, assisted cake discharge and automated cloth wash.

Testwork & Engineering:

Laboratory, Pilot Plant & engineering facilities available in Africa & Asia.

Service & Back-up:

Roytec offers technical back-up, spares and on-site service by well trained technicians for all components in all of their territories.



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Other ROYTEC equipment

- BGRIMM Flotation Cells, Magnetic Separators and Attritioning Mills
- Vacuum Belt Filter & Disc Filters
- Thickeners & Clarifiers using Radflow feedwell technology
- Tower Presses
- SX Dual Media Filters
- Ion Exchange Columns
- Flocculant & Coagulant Dosing Plants
- Dynamic Bed Clarifiers & Pin Bed Clarifiers
- Linear Screens



ROBUST, EFFICIENT FILTER PRESSES



PACKAGE PLANTS



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