

# Roxia Filter Press™

Engineered together with plant operators

Roxia Filter Press™ is well appreciated especially among leading global metal production companies. Roxia filter press presents fully automatic operation, high quality, superb performance and high availability.



*Roxia Filter Press has great process design which results in fully automatic operation.*

## Roxia Complete Filtration Solutions

Roxia delivers long-term solutions to maximize your production, reduce downtime and lower total costs. Roxia experts provide you with the whole package:

- × Detailed analysis of process and filtration testing
- × Equipment selection and sizing according to the test results and practical experience
- × Optimizing filtration performance
- × Close cooperation and full support at delivery, installation and start-up
- × Complete service through entire filter life cycle

## Common Applications for Roxia Filter Press

- × Zinc refinery processes
- × Silver, gypsum and chlorine removal
- × Polishing
- × Wastewater streams
- × Flue-gas desulfurization
- × Energy metals

## Enhance Process with Smart Filtration

Roxia connects the filters to the Roxia Malibu™ online portal and enables remote monitoring of performance.

With Smart Filtration, operators can optimize filtration process, increase production volume and detect failures before they even occur. All that can be done from anywhere with any computer, smart phone or other handheld device with internet connection.

## BENEFITS

- ✓ Optimal equipment selection & sizing
- ✓ Fully automatic & trouble-free operation
- ✓ Remote monitoring of performance
- ✓ Integrated safety features & systems
- ✓ Complete lifetime support by Roxia filtration experts



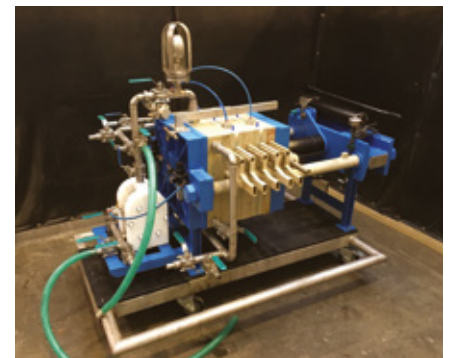
*Roxia troubleshooting tools detect abnormalities in the process and automatically send alarms via email.*

## Performance — driven by people

Roxia professional filtration team is with you every step of the way to improve your process performance. After analysing the process, Roxia experts will select component materials most suitable for process requirements. All materials are extremely durable and designed for demanding applications. In the engineering phase, you will receive all necessary 3D models to include into your plant design. Great advantage of Roxia are own designs, modern filter cloths and other filter spare parts. Roxia provides you with great process design resulting in fully automatic operation.

*“ Fully automatic & engineered together with plant operators ”*

Filter plate sizes	Filtration area m <sup>2</sup>	Filtration pressure
800 x 800 mm	up to 500 m <sup>2</sup> per filter	standard up to 16 bars
1000 x 1000 mm		
1200 x 1200 mm		special cases: up to 30 bars
1500 x 1500 mm		
1500 x 2000 mm		



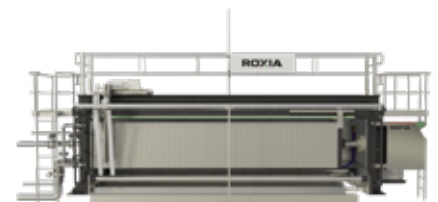
### Optional Features:

- × Cake pressing
- × Air drying
- × Cake washing
- × Automatic cloth washing
- × Filtrate quality monitoring
- × Internal chemical washing

### Additional Options:

- × Feed pump system
- × Density control
- × Service solutions & service contract
- × Cake conveyer
- × Installation safety audit
- × Roxia Smart Filtration

*We always test process slurries and guarantee optimal performance of each Roxia Filter Press.*



## We Are Here to Help

Formerly known as Larox Flowsys, Roxia has more than 40 years of experience in filtration, flow control, elastomer technology and technical textiles. Through the acquisition of Spare Parts Depot, Inc. and NovaTek Filtration, we re-entered the filter business and started manufacturing Roxia Filter Press and Ceramic Disc Filter. We care and want to help you by offering our professional support.

*Roxia provides precise 3D filter models and complete documentation package, ready to include into the plant design.*