

Metso

Trusted legacy, proven performance

Larox® PF 60



Application

Wide range of applications, such as concentrates, industrial minerals, battery minerals, metallurgy, food and pharmaceuticals, chemical processing, tailings, etc.

Metso's Larox® PF filters provide proven, flexible and reliable advanced filtration efficiency for a wide range of applications.

New version of the PF 60 filter revolutionizes the technological development of tower filters. It significantly improves process efficiency, capacity and safety, and introduces completely new solutions in the development of tower filters.

The facelifted filter has a simplified structure, meets the latest seismic standards and introduces novel solutions to improve process and energy efficiency.

Improved design

The Larox® PF 60 filter has an enhanced design that provides significant improvements. Its open structure facilitates maintenance, while the availability of covers ensures safe handling of hazardous processes. The distributed hydraulics system not only provides precise operation but also contributes to energy savings in mechanical movements while minimizing oil volume by 75% and ensuring better availability of components. Due to integrated hydraulic system the overall plant footprint is reduced.

Additionally, the integration of electromechanical drives offers precise controllability and together with integrated hydraulics results in to 25% less installed electric power, making Larox® PF 60 a highly efficient and reliable choice for various filtration needs.

Digital solutions for effective problem solving

The Larox® PF 60 filter integrates advanced digital solutions to enhance safety, sustainability, and operational efficiency.

Metso Metric tool provides real-time online visibility into the health and performance of the equipment, ensuring optimal performance. This digital platform also allows to securely monitor, analyze and optimize operations.

Performance Centers staffed by experts remotely or actively on site identify potential issues before they escalate, ensuring continuous and reliable operation. These digital advancements make the Larox® PF 60 filter a cutting-edge solution for modern filtration needs.

[Read more at metso.com/larox-pf](https://metso.com/larox-pf)

Benefits

- High capacity with proven efficiency and reliability
- Low operating costs and competitive total cost of ownership
- Fully automated and flexible operation for process variations
- Consistent and homogenous filter cake and efficient solids wash
- Comprehensive service portfolio

Larox® PF 60 Features



1-30 chambers installed



60-180 m² filtration area



3.6-14.4 m³ chamber volume



Up to 16 bars operating pressure



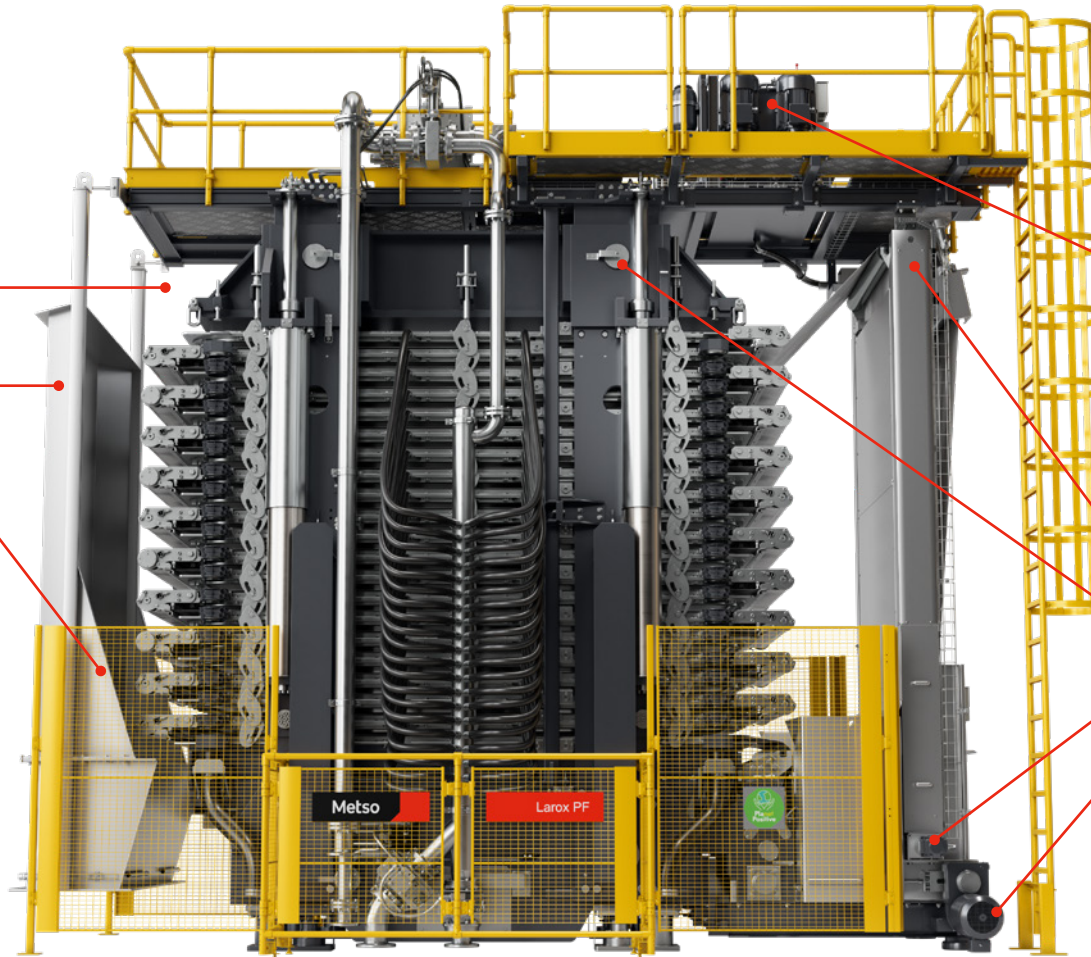
45, 60 mm chamber depth



Enhanced automation system



AISI304L, AISI316L, SAF2205 and composite materials



Open structure for easy maintenance

Cover available for hazardous processes

Machine guards without side shields for neutral processes

Sustainability:

- Up to 90% less water usage
- Reduced plant footprint
- Up to 25% less installed electric power
- 75% less hydraulic oil in use

Distributed and integrated hydraulics for precise operation and energy saving:

- Up to 75% less hydraulic oil in use
- Smaller installed electric power
- Smaller footprint
- Better spare part availability

Reduced power consumption and precise controllability with electromechanical cloth drives:

- Cloth tracking drive
- Locking pin drives
- Cloth tensioning drive
- Main cloth drive