

Metso



Larox® filtration services

Larox® PF expansion upgrade



The Larox® PF expansion upgrade is a quick cost-efficient way to increase your Larox® PF filtration capacity.

The Larox® PF expansion is a cost-efficient way to rapidly increase filter capacity, increase production and gain maximum benefit from your current filtration equipment.

The filtration area of the Larox® PF filters can be expanded by simply adding additional plates. Our solution avoids large investment costs by avoiding having to purchase additional filters by expanding the capacity of existing the existing filtration area within the same footprint.

The expansion upgrade often has a payback period of just a few months and is quick to install.

Additional filter plates can be installed in the existing frame regardless of plate size and all auxiliaries such as pumps and compressors are sized according to the expanded capacity.

We also recommend conducting the annual maintenance work in conjunction with the Larox® PF expansion installation in order to minimize downtime and shorten the break in production.

In addition to standard expansions, we offer over frame size expansions, which may require additional engineering and larger modifications to the filter construction, but it allows an even higher capacity increase.

Scope

- Complete filter plates
- Plate guide rollers
- Collectors
- Process (slurry, filtrate, and pressing water) hoses and L-band
- Filter cloths
- QA-cylinder stroke limiters (if needed)
- New plate pack (optional)
- Suspension links (optional)
- Installation and commissioning (optional)

Benefits

- Increases filtration area and capacity by 8 - 80%
- Increased availability with short installation time, approximately 48 hours
- Reduces energy consumption by up to 15%
- Reduces water consumption by up to 17%
- Fast ROI of a few months
- Lower production cost per tonne

Metso is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. We improve our customers' energy and water efficiency, increase their productivity, and reduce environmental risks with our product and service expertise. We are the partner for positive change.

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