

Metso



Larox® filtration services

PF Expansion Upgrade



The PF expansion upgrade is a quick cost-efficient way to increase your 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 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 PF expansion installation in order to minimize downtime and shorten the break in production.

In addition to standard the PF 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 roller
- Collector
- Process (slurry, filtrate, and pressing water) hoses and L-band
- Filter cloths
- QA-cylinder stroke limiters (if needed)
- Longer filter cloth
- Engineering
- Installation and commissioning



Benefits

- Improved equipment efficiency
- Increased filtration capacity by up to 25%
- Optimum process results
- Guaranteed results
- Same footprint

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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