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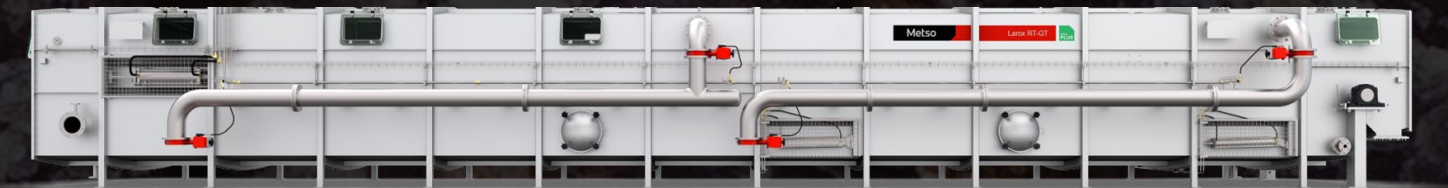
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# Our customers' most common filtration challenges

Depleting end-product quality

High operating costs

Stricter environmental & safety regulations

Maintaining process efficiency

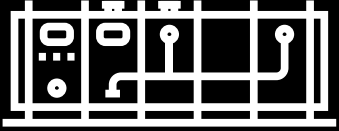
Shortage of skilled personnel

Frequent process changes

Filter reliability & performance

Sounds familiar? Explore our solutions!

**Metso**



# The core of filtration

Filtration powerhouse



Our purpose

Enabling sustainable modern life

Metso

# Vital for everyday life

## Pharmaceuticals

Antibiotics  
Penicillin  
Vitamins

Filtration  
is a  
crucial step in the  
production of many  
of the items we use  
every day

## Pulp

Printing paper  
Tissues  
Labels

## Food & beverage

Edible oils  
Starch  
Sugar & salt  
Baking enzymes  
Alcohol enzymes  
Soft drinks  
Jams and marmalades

## Pyrite

Refrigerant  
Food preservatives  
Lithium metal batteries

## Paints

Home paints  
Car coatings  
Printing inks

## Potash

Fertilizers  
Animal feed supplement  
Fire extinguishers  
Footballs  
Glue

## Kids' items

Toys  
Candies

## Everyday items

Toothpastes  
Food packaging  
Soaps & laundry detergents  
Make-up & cosmetics

\*Our filtration scope is not limited to mentioned applications

Metso

Metso's filtration service team's goals is to help you thrive.  
Every day. No matter the conditions.

For we are

**Your #1 filtration services partner.**

Our filtration experts ensure safety and quality is built into everything we do –  
from R&D and engineering to parts and services.

We are committed to the long-term journey throughout the filtration equipment life cycle.  
With our diverse and comprehensive aftermarket portfolio, we strengthen your operations through:



Optimizing filtration  
performance



Increasing  
availability



Decreasing  
operational costs



Ensuring OEM  
quality



Reducing  
environmental impacts

# Industry-leading expertise with a global network

Metso

## KEY FACTS

18,000+  
Employees

100+  
Nationalities

~50  
Countries we operate in

2,3%  
Of sales goes to R&D

## SERVICES FACTS

~3,500  
Service experts

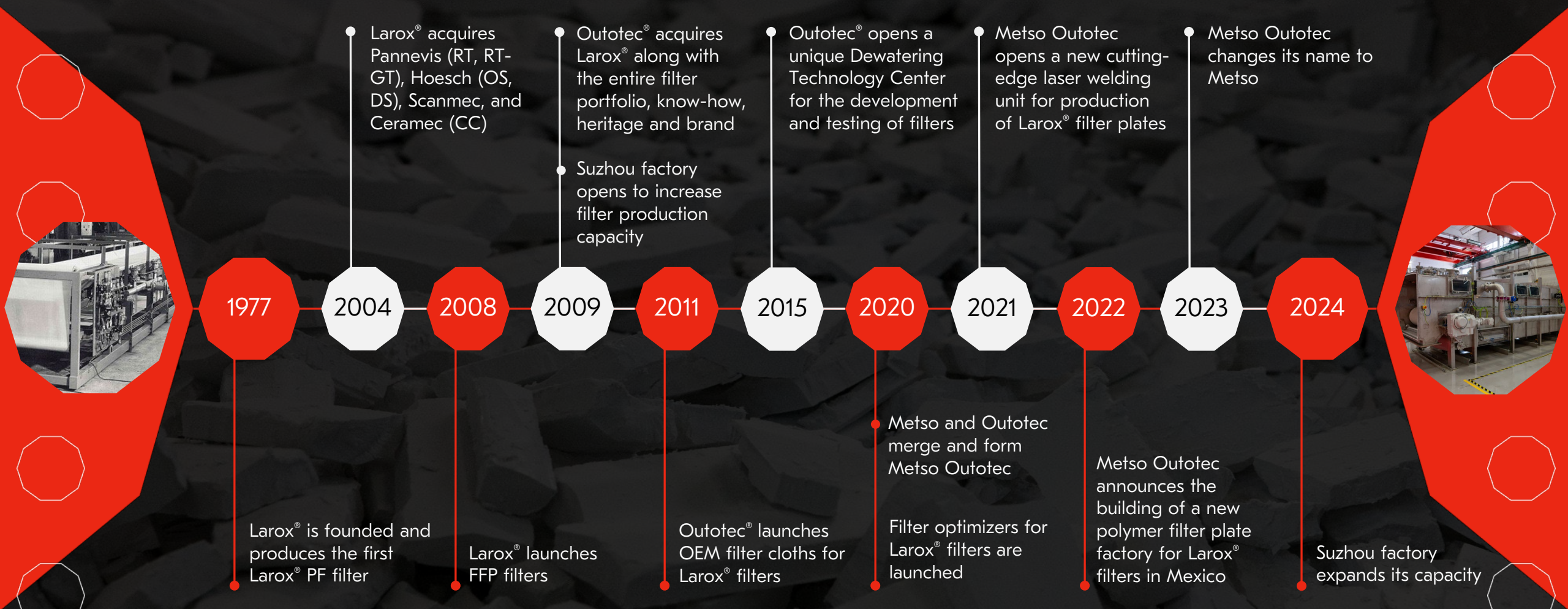
3  
Filtration technology centers

~140  
Service locations

3  
Performance Centers

Metso

# One must invest 10,000 hours to master a skill - they say. We have been mastering ours since 1977:



We continue to pioneer the future.



# Larox® filtration portfolio

Pressure filtration

Mining filtration  
(Concentrates, tailings & bulk mining)



Larox®  
FFP

Metso  
PLUS



Larox® PF

Metso  
PLUS

Industrial filtration



Larox®  
PF-DS

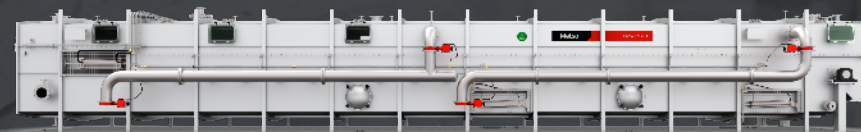
Metso  
PLUS

Vacuum filtration



Larox® RT

Metso  
PLUS



Larox®  
RT-GT

Metso  
PLUS

Metso's filtration portfolio goes beyond the Larox® family, offering over 15 different filter types for various applications and processes.

Metso



# Larox<sup>®</sup> RT & RT-GT filters

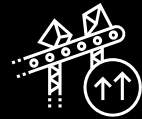
## Vacuum filtration

1700+  
units installed  
globally



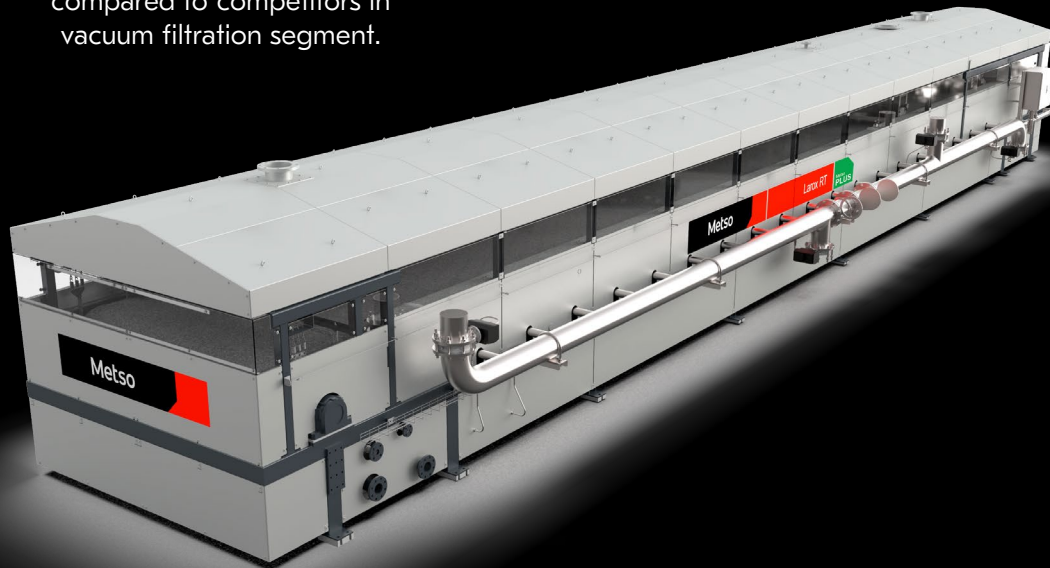
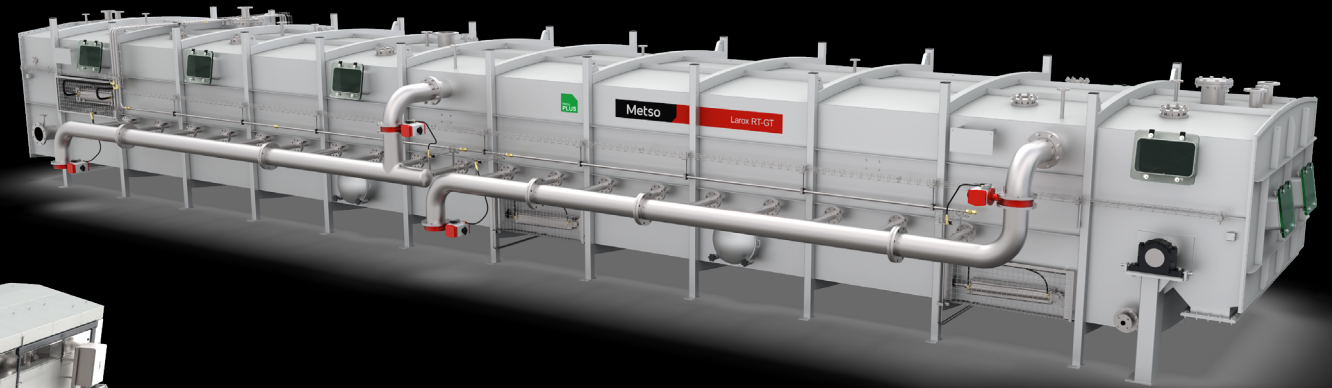
### ENERGY EFFICIENT

Up to 10% lower energy usage due to the advanced control systems with automatic process adjustments. Water and energy consumption is significantly less compared to competitors in vacuum filtration segment.



### HIGH CAPACITY

Designed for continuous operation and automatic process adjustment capability



### LOW OPERATING COSTS

Effective washing & drying is energy efficient, minimizes product loss, ensures constant quality, optimizes yield and reduces the overall cost of production



### INCREASED AVAILABILITY

Designed for the highest level of reliability to ensure high availability. High-volume process with up to 63 m<sup>2</sup> filtration area

# The pathway to a sustainable future

Helping our customers achieve their climate and environmental targets

Metso  
**PLUS**

Demonstrably better than  
the industry benchmark

Metso Plus criteria\*

- Energy efficiency
- Carbon efficiency
- Optimized for using renewable energy
- Water efficiency
- Less pollution
- Reduced embedded carbon
- Electrified solutions

Over  
**90%**  
of Metso's filters  
are part of  
Metso Plus  
offering

**98.8%**  
R&D project  
spend with  
sustainable  
targets

Metso

# Metso owned inventory (MOI)

Every company needs timely access to the right parts, but managing costs, availability, and inventory levels can be challenging. Metso offers inventory solutions to optimize this balance, enhancing performance through a tailored mix of services.

## > Package 1

### Basic consignment

- Metso OEM quality parts, ready and reserved for you when you need them
- Simplified purchasing with fixed pricing
- Gain peace of mind with reduced inventory costs

## > Package 2

### Inventory and inspections

- Basic consignment plus equipment inspections
- Metso expert advice and recommendations on maintenance and needed parts

## > Package 3

### Inventory and capital spares

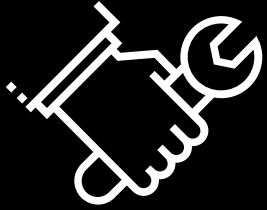
- Basic consignment plus payment plan for major spares
- Reduce risks – defray large upfront capital costs by instalment payments

## > Package 4

### Inventory and subscription

- An economical and flexible solution to a complex issue
- Secure parts availability for a low set subscription fee
- Parts can be designated to a single customer or pooled amongst several customers

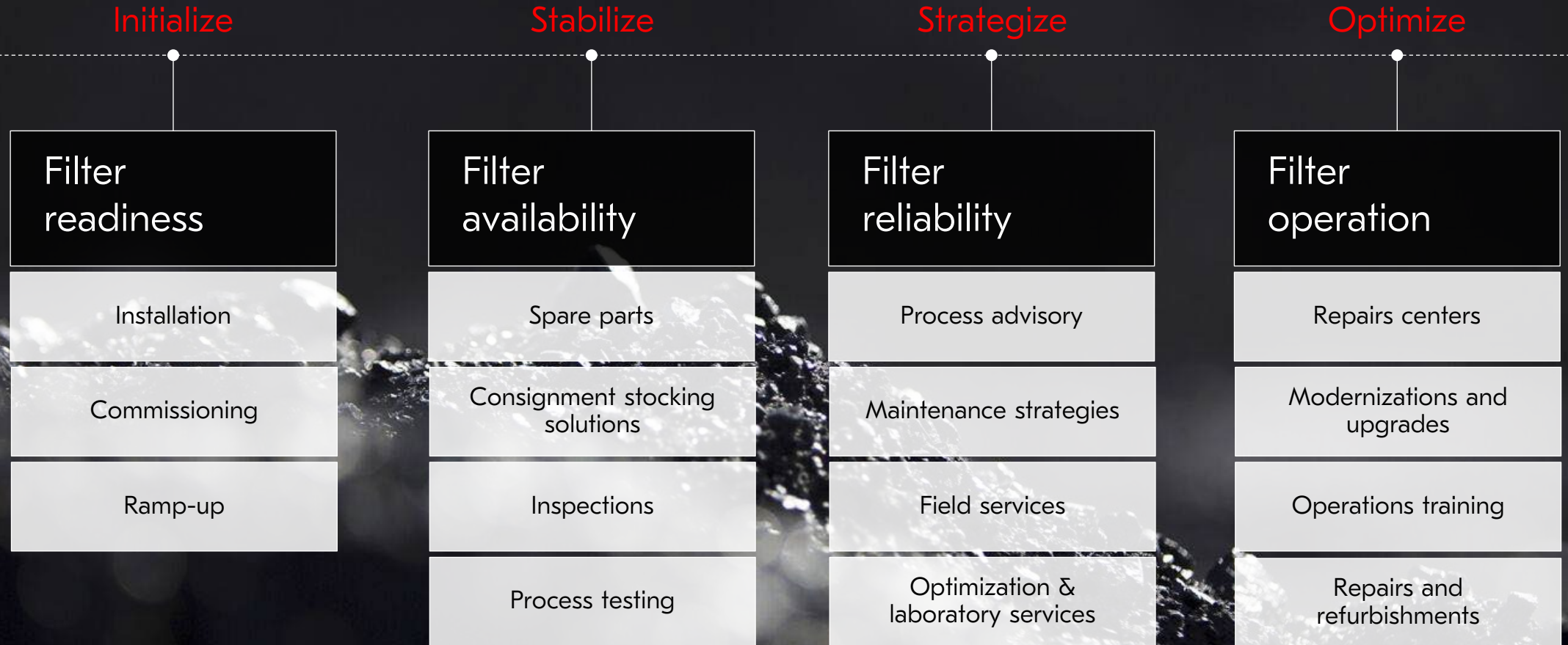




# Service offerings

Helping you get the most out of your filters

# Full support throughout life cycle of your filter





# Metso

Professional services

## Field services

MORE INFO:



Our professional field service offering ranges from comprehensive solutions covering maintenance and optimization projects to performing spare part assessments and replacement.

Know the condition of your equipment with detailed technical inspections, professional reporting and expert recommendations.

Safety is a priority in everything we do. Our team of field service professionals is committed to serving you in a safe and efficient manner with adherence to strict safety procedures.

We have a flexible global operating model which brings us to wherever our customers are. Our global presence and local operations enable world-class engineering, project delivery and service for our customers.

### Benefits

- Increased safety
- Reduced downtime
- Improved plant availability & reliability
- Spare part optimization
- Increased equipment life
- Increased competencies

Our field services team will ensure the correct critical and operational spares availability to avoid extended downtimes by means of inventory assessments, spare and wear parts recommendations, and highlighting lead times and criticality.

Our field service team offers a full range of maintenance solutions. These include planned preventive, corrective and emergency maintenance activities. We also provide refurbishment, installation and commissioning services.

Our certified field service experts are best equipped to train your technical team on the maintenance of the equipment. We have customized training on key maintenance and repair procedures as well as product specific training and with a focus on safety in all procedures.

### Scope

- Advisory services
- Commissioning
- Maintenance services
- Spare and wear parts auditing and recommendations
- Component replacement labor
- Upgrades
- Training services



# Metso

Process optimization

## Optimization and laboratory services

MORE INFO:



Mining operation stages are interrelated, where one's performance affects the other's, support ranges from short-term solutions for bottlenecks to comprehensive solutions.

While each individual process must run efficiently, the best results are achieved when each stage is optimized in the context of the whole operation.

We have a global team of industry professionals who provide expert consulting, laboratory services, hardware and software products to the mining industry worldwide.

Our professionals have extensive experience in addressing challenges such as improving recoveries, de-bottlenecking processes, increasing availability, and sustainably optimizing the overall process. Solutions and capabilities can be performed in-person

and remotely and are scalable from a single crushing circuit to an entire mine-to-port study.

As a team, we are dedicated to the optimization of mining practices and downstream processing of valuable minerals. We are focused on providing guidance, analysis and advanced technology to our customers, ensuring they can maximize the economic benefits of the resources they mine.

Our practical experience, onsite skills and in-depth data analysis with modeling capabilities create an overall picture to help you get the most out of your entire operation.

Explore our downstream offering presented here from lab and field studies – to commissioning for specific technologies – to process evaluation and optimization.

### Benefits

- Increase production
- Minimize costs
- Improve stability
- Reduce environmental impact



# Metso

Professional services

## Installation, commissioning & ramp-up

MORE INFO:



Get expert support during your project start-up phase wherever you are in the world. Our experts will help to ensure your equipment performs according to agreed targets.

### Features

- Professional, effective, and safe installation and commissioning of delivered equipment
- Expert assistance from metallurgists and process specialists
- Training services are included to ensure that personnel are fully on board with the new process and technology and can manage the plant operation in an optimal way
- Optional extended warranty

### Scope

Depending on the equipment and process, the installation, commissioning and ramp-up service can include:

- Inspection of the plant and foundation
- Delivery package expediting and checking
- Equipment assembly/installation advice and inspection
- Pre-operational equipment testing
- Electrical and automation testing and inspection
- Water tests and test runs
- Initial continuous feed of raw material
- Process and equipment start-up

### Benefits

- Increased safety
- Minimized risks of breakdowns
- Well optimized schedule
- Smooth production start-up and shorter road to profitability



# Metso

Professional services

## Filtration inspections

MORE INFO:



Get accurate information about the condition of your equipment, recommendations for maintenance and improved operation.

3 Inspection packages for your Metso filters designed to reduce unplanned downtime, equipment failure, and risks associated with operating faulty equipment.

Undetected issues can lead to frequent breakdowns and unplanned service work, significantly increasing production losses and repair costs.

The information provided during and after inspection will assist in minimizing unscheduled downtime and in reducing long-term operating expenses. Our specialists can also recommend service and spare parts solutions.

### Benefits

- Reduced downtime
- Extended filter lifetime
- Increased reliability
- Improved safety and sustainability
- Better visibility of maintenance requirements

### Features

- Faster and easier inspections allow you to get recommendations to quickly act upon
- Delivered reports are clear, thorough and easy to share with colleagues
- Filter benchmarking identifies trends based on current and historical data
- Comprehensive data gathering improves your decision-making

### Inspection packages

1. Filter visuals and vitals

A quick way to understand your filter's overall condition

2. Filter mechanical verification

Standard inspection package with specific adjustments and fixes

3. Filter comprehensive/customized inspection

Complete, in-depth package with the additional check of the hydraulic unit and field circuit



# Metso

Professional services

## Process advisory services

MORE INFO:



## Unique know-how and leading process tools to help you reach your sustainability targets

Our professionals have extensive experience in addressing such challenges such as improving recoveries, de-bottlenecking processes, increasing availability; by optimizing your overall processes with our in-depth process understanding and technological expertise.

### Scope

The service consists of data preparation and analysis, the assistance of Metso process experts in correcting and optimizing production processes at your site, and reporting and follow-up activities as agreed.

### Features

- Onsite troubleshooting consultation to solve process bottlenecks
- Expert recommendations to achieve better process performance
- Corrective actions implemented together with our process experts to optimize your production process
- Extensive process knowledge supported by a global installed base and technological expertise.

### Benefits

- Improved product quality
- Increased process throughput
- Identification of bottlenecks for improvements
- Optimizing your process will help you achieve your sustainability targets



# Metso

Process optimization

## Filtration laboratory and process testing

MORE INFO:



Our unique portfolio of testing, process expertise and process simulation positions us as an industry leader with advanced and reliable research capabilities.

From bench scale to lab and pilot testing, the Dewatering Technology Center covers filtration, thickening, and water treatment processing. This gives our customers a one-stop shop for all their testing, enabling them to develop their flowsheet efficiently and sustainably.

Lappeenranta is home to our Dewatering Technology Center and one of the bigger manufacturing locations of Metso filtration technologies. The Dewatering Technology Center was built in 2015.

Larox® started testing at the Lappeenranta location in 1977, nearly 50 years ago. We continue the Larox® journey with filtration solutions, research and testing. Over the years, we have conducted and built a database of over 14,000 dewatering tests.

Today, we test much more than just Larox® filtration technologies. We can test 14 different filtration technologies at the DTC, and onsite, including pressure, vacuum, and polishing filtration technologies.

Apart from laboratory testing, Metso provides onsite studies with mobile test filtration units – from suitcase to container-size filters, depending on the needs. Additionally, cloth analysis can be performed to find the reasons for cloth failure, e.g., premature clogging, and to provide knowledge and tools to eliminate these challenges in the future.

### Benefits

- Quick, reliable, and representative results that can be easily scaled up
- Improved process understanding based on calculations, literature studies, and tests
- Deep competence development



# Metso

Training services

## Filter product training

MORE INFO:



Metso Academy's filtration training provides the knowledge and skills required for safe and efficient operation and maintenance of Larox<sup>®</sup> filtration systems.

Maintaining an up-to-date skill set among site personnel is increasingly challenging due to a shortage of skilled labor. Metso Academy's training helps bridge the knowledge gap between your personnel, filters and operational goals. Our Metso Academy can cover everything from theory to practical training, ranging from training on a single piece of Metso equipment to plant-wide solutions.

Our certified experts deliver comprehensive training tailored to your needs. With a global team of technical instructors equipped with extensive industry and equipment knowledge, we ensure high-quality education for your personnel.

### Benefits

- Improved safety
- Higher efficiency
- Increased productivity
- Higher equipment availability
- Optimized processes and maintenance
- Global expert network

We offer training on-demand and tailor our courses to customer-specific machines and processes. The offering can be delivered at Metso facilities or at your site. Furthermore, there are options for eLearning self-study, webinar recordings, simulator training, and VR training.

### Training

#### *Theory training*

The classroom-based course covers basic operation principles, operator interface unit training, the safe use of Larox<sup>®</sup> filters and aftersales support.

#### *Practical training*

Connect classroom-based information to practical experience. Operators and technical specialists learn practical knowledge to run, maintain, and troubleshoot Larox<sup>®</sup> filtration systems. Practical training can include demonstrations, simulations and equipment training.

#### *Customized training*

Build competence in Metso products and gain more in-depth information for designated equipment. The training equips your personnel with thorough information on our technologies, process optimization and tips to help you move from reactive to proactive maintenance.



# Metso

Professional services

## Maintenance and repairs

MORE INFO:



As equipment ages, production efficiency and reliability can decline. However, proper maintenance and repairs can reduce aging to ensure your production goals are met.

### Inspections and diagnostics

Get ahead of problems before they even start. More effective management comes from better information. Our diagnostic services help with maintenance planning, issue identification and analysis, and determining improvement areas through:

- Mechanical and electrical inspections
- Equipment audits
- Inventory assessments
- Online condition monitoring.

### Repairs and refurbishments

Planned repairs: Metso offers a full range of maintenance services and repairs for mining equipment, from reconstructing surfaces to full rebuilds of large components. Skilled technicians with specialized tools are available at our repair centers or onsite at your facility. All repairs are handled end-to-end, guaranteeing safe execution and the correct parts

Emergency repairs: When an unexpected failure occurs, we are here to help you restore production quickly. After identifying the root cause, we fix the problems and restore production as fast as possible. Once we have eliminated the issues, we will propose long-term solutions to prevent reoccurrence.

### Maintenance planning tools

Experts focus on your specific priorities, bringing together safety, planning, documentation, inventory, staffing and reporting requirements. Services include:

- Criticality analysis to prioritize issues
- Failure analysis using FRACAS and other tools
- Custom maintenance software, CMMS
- Predictive maintenance and condition monitoring through Metso Metrics.

### Benefits

- In-depth equipment and process expertise and knowledge
- Over 3,500 field technicians globally
- OEM service quality for guaranteed safety and reliability
- Cost savings through reduced failure rates and extended equipment life



# Metso

Professional services

## Service and repair centers

MORE INFO:



Add years of efficient use and valuable life to your equipment. We restore a wide range of equipment and components to the desired level with minimal downtime.

### Tried and tested procedures

As an OEM, we have in-depth knowledge of OEM repair procedures and can ensure the use of genuine parts that fit your machine. We combine our decades of equipment experience with modern repair techniques and technology to offer the best repair even for older equipment.

### No weak link in the equipment chain

Every component in a piece of equipment is like a link in a chain, if there is even one weak link, performance can suffer. Our repairs ensure equipment performs to its designed standards.

### Benefits

- Improves efficiency
- Reduces operational and maintenance costs
- Decreases energy consumption
- Enhances sustainability through lower waste disposal costs, parts recycling, and reutilization
- Allows continued use of familiar equipment

### Risk reduction

Working with a Metso repair center ensures risk reduction. Firstly, you get firm quotes from the OEM repair center, minimizing surprises once the repair has been agreed upon.

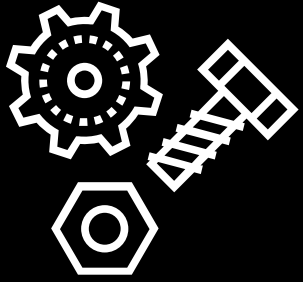
Secondly, the use of OEM drawings and parts ensures that parts fit and perform to specifications, reducing further unplanned downtime.

### Competitive rates

A Metso repair means you get a competitive rate and can rest assured that service problems will be fixed quickly the first time, resulting in long-term savings.

### What to expect:

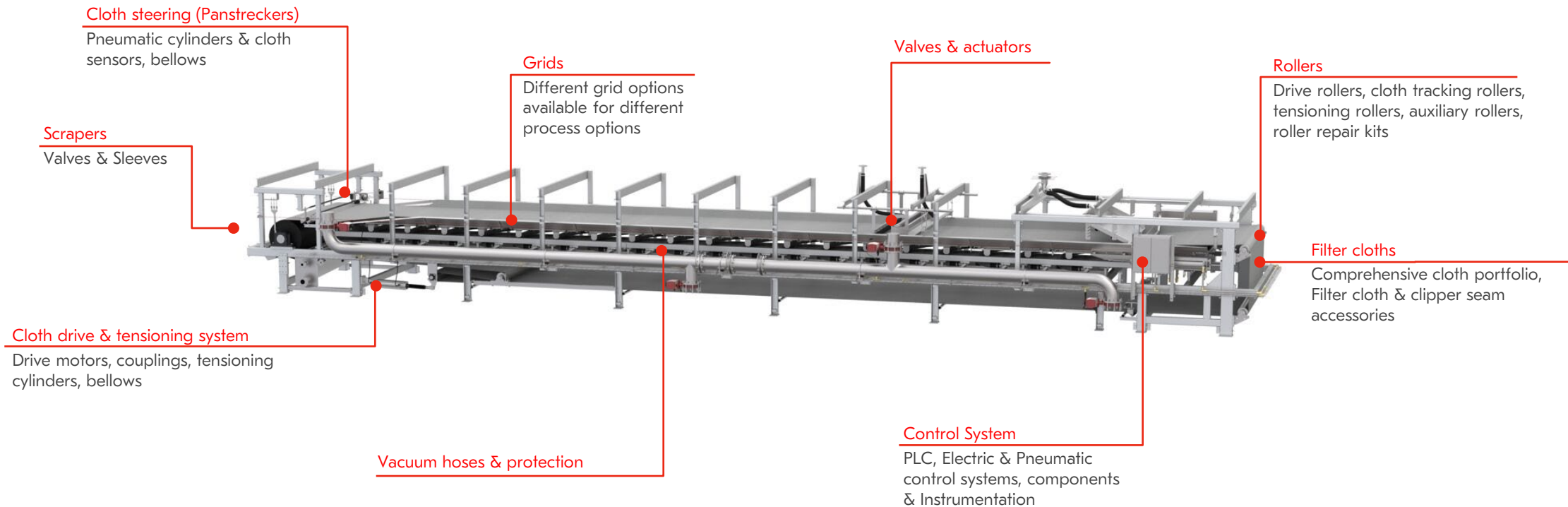
- Minimized downtime
- Higher machine availability
- Lower maintenance and parts costs
- Increased safety



# Spare and wear parts

Engineered to perform

# Larox<sup>®</sup> RT & RT-GT filter



*All materials used in our products do not contain RoHS 3 (2015/863/EU) controlled substances and are in full compliance with the EU REACH directive.*



We provide materials, solutions and quality backed by decades of experience for peace of mind and safety



Support & execution resources available at arm's reach to succeed & improve overall equipment effectiveness (OEE) with quality parts, latest technologies & operational practices



Global availability & stocking - making sure we are always close to you

**Metso**



# Metso

## Filtration spare and wear parts RT & RT-GT filter cloths

MORE INFO:



## Unsurpassed filter cloth quality drives your filter's performance.

Over three decades of experience and continuous product development allow us today to offer our customers filter cloth of unmatched quality.

Filter media is an essential part of the filtration process. Our filter cloths are tailor-made to ensure the optimized performance, improved availability and process results of your Larox® RT and RT-GT filters.

Our comprehensive service network and commitment to superb customer support will help you select the right cloth based on your filter, application, process and other requirements.

### Guaranteed Quality

Our OEM filter cloths are engineered to match the strict standards and to guarantee reliability. All parts are designed, tested and manufactured to match the original specifications.

### Optimal Performance

Over time, filter cloths blind and limit performance. By replacing old cloth with Metso OEM filter cloths suitable for your specific application, your filter is guaranteed to run at optimal levels.

### Auxiliary products

Several auxiliary products are available to ensure a convenient use of Metso cloth, e.g., maintenance cloth, clipper devices and others.

### Benefits

- Tailor-made to suit your equipment, process and production
- Ensures optimized throughput, filtrate clarity and higher filter availability
- Excellent cake release & resistance to blinding
- Resistant to stretch, shrink & higher abrasion
- Extended life-time

### Features

- FDA certification can be provided upon request
- Simple to implement as no structural changes to the filter are needed



Cloth drive and tensioning systems, designed for demanding conditions, improve system control and offer significantly lower operation and maintenance costs thanks to extended lifetime.

Cloth drive & tensioning systems have been designed in close cooperation with Larox® filter professionals, metallurgists and process specialists to resolve process problems associated with controlling the flow of abrasive or corrosive fluids.

Various industries such as mineral processing, pulp and paper, power generation, chemical handling, effluent treatment, water and wastewater make use of the systems.

# Metso

Filtration spare and wear parts

## Cloth drive and tensioning systems

MORE INFO:



### Benefits

- Design for fit
- Extended lifetime
- Improved safety
- Increased equipment availability
- Reduced maintenance costs
- Comprehensive technical support throughout the equipment lifecycle

### Features

- Compatible with existing equipment
- Improved cloth drive & tensioning systems life time
- Original parts and complete systems with original configuration
- Global parts stocking & availability
- Expert support



Ensure proper alignment and movement of the filter cloth for reliable filter operation and consistent performance.

Premature corrosion, deformation, or failure of structural components can be caused by extremely harsh process conditions, minimal filter maintenance, or unexpected incidents.

Variations in operating conditions or process chemicals may also necessitate replacement of cloth steering parts.

To ensure equipment performance and operator safety, it is essential to eliminate risks associated with unreliable parts.

Metso provides original and upgraded components, precisely manufactured to maintain the performance of your filters and protect your personnel.

# Metso

Filtration spare and wear parts

## Cloth steering, panstreckers & bellows

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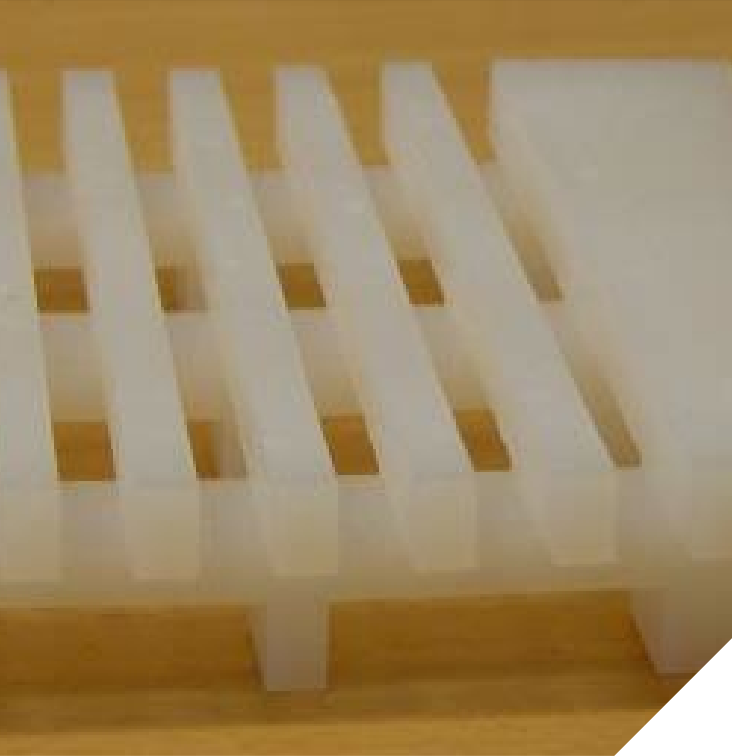


### Benefits

- Improved safety
- Guaranteed fit and quality
- Correct and economically efficient scope
- Expert support for minimized shutdown time

### Features

- Original design & quality parts with decades of in-house and contract manufacturing expertise
- Upgraded materials and/or surface protection options
- Installation and assembly support
- Optimized, cost-efficient scope tailored to your needs



Larox<sup>®</sup> RT and RT-GT filters grid portfolio is suitable for all applications to ensure the best possible equipment availability and reliability.

Filter grids play a critical role in Larox<sup>®</sup> RT & RT-GT filters by enabling smooth filtrate flow and providing necessary support to the filter cloth and cake both in vacuum filtration and the conveying.

The strain and elongation of materials cannot be eliminated, so neither can abrasion. But by combining tailored support with our knowledge in grid material and aperture selection, we deliver the most suitable solution for your specific process and cake requirement.

# Metso

Filtration spare and wear parts

## Filter grids

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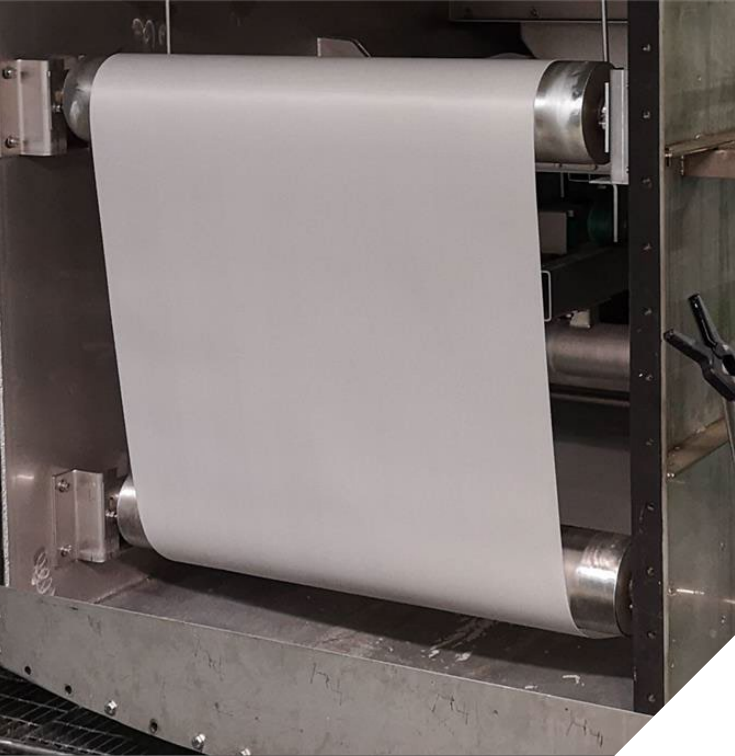


### Benefits

- Maximized availability and operational efficiency
- Extended filter cloth lifetime
- Enhanced reliability
- Lower operational costs through reduced grid consumption

### Features

- Comprehensive grid portfolio covering all requirements – from legacy up to the latest ones
- Optimized grid aperture options for steady flow and cake support
- Wide range of materials – from no reinforcement to the highest content available in the market
- FDA, antistatic and special materials available upon request
- Manufactured for the precise fit with Larox<sup>®</sup> filter



## Undisturbed filter cloth driving with Larox<sup>®</sup> filter rollers.

Filter rollers are responsible for driving, steering, tracking and tensioning the cloth. Our cumulated expertise in mechanical design and component engineering has resulted in high-performance rollers built for reliability, precision, and long service life.

Our rollers are engineered for easy maintenance of the wearing parts and supported with roller repair kits for guaranteed availability and fit of roller spare parts.

In addition to mechanical design, we have created a comprehensive portfolio of roller linings tailored to suit various applications and environments, drawing on our vast expertise in polymer materials.

# Metso

Filtration spare and wear parts

## Filter rollers

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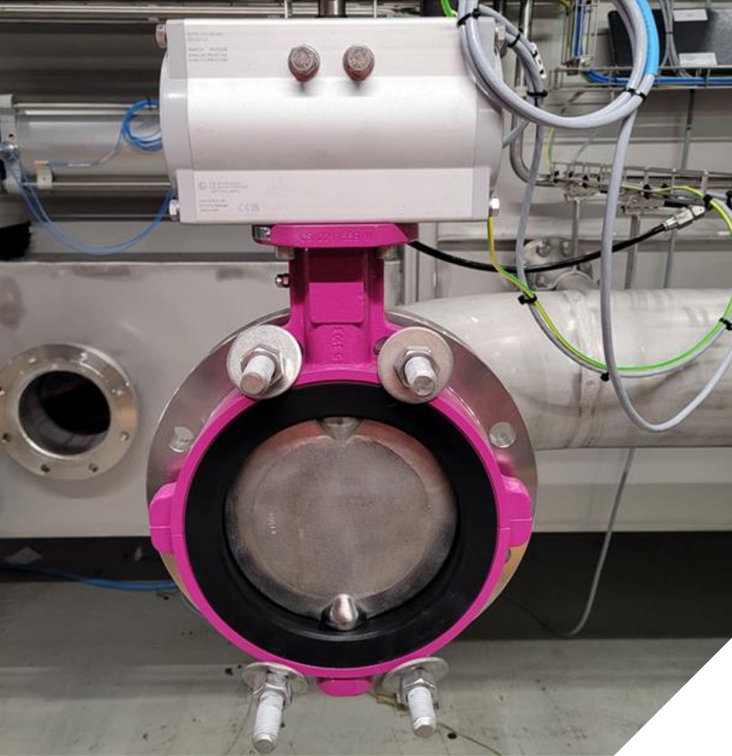


### Benefits

- Reliable filter operation and consistent cloth conveying
- Quick and efficient roller maintenance
- Extended roller wear life

### Features

- Cloth drive, cloth tracking, cloth steering, cloth tensioning cylinders built for purpose
- Lining & steel materials selection for best fit for each application and process
- Simple and flawless roller maintenance with roller repair kits



Valves and actuators, designed for demanding process conditions, improve system control and offer significantly lower operation and maintenance costs thanks to extended lifetime.

The range of our valves and actuators has been crafted in close cooperation with Larox® filter professionals, metallurgists and process specialists to resolve process problems associated with controlling the flow of abrasive or corrosive fluids.

Various industries such as mineral processing, pulp and paper, power generation, chemical handling, effluent treatment, water and wastewater make use of the valves and actuators.

# Metso

Filtration spare and wear parts

## Valves & actuators

MORE INFO:



### Benefits

- Extended lifetime
- Improved safety
- Increased equipment availability
- Reduced maintenance costs
- Comprehensive technical support throughout the equipment lifecycle

### Features

- Heavy duty actuators
- Improved valve life
- Compatible with existing equipment
- Wide range of selection to suit different needs



Scrapers are specially designed and manufactured according to application.

Larox® RT & RT-GT scrapers design ensures that the filtrate is removed when the cake is dewatered.

Our available material portfolio allows us to provide you with the most suitable option for your specifications is selected, including those with the toughest wear conditions in filtration.

Like all other Larox® RT & RT-GT filter spare and wear parts, our scrapers are easy to install and readily available through our global supply network close to you.

# Metso

Filtration spare and wear parts

## Filter scrapers

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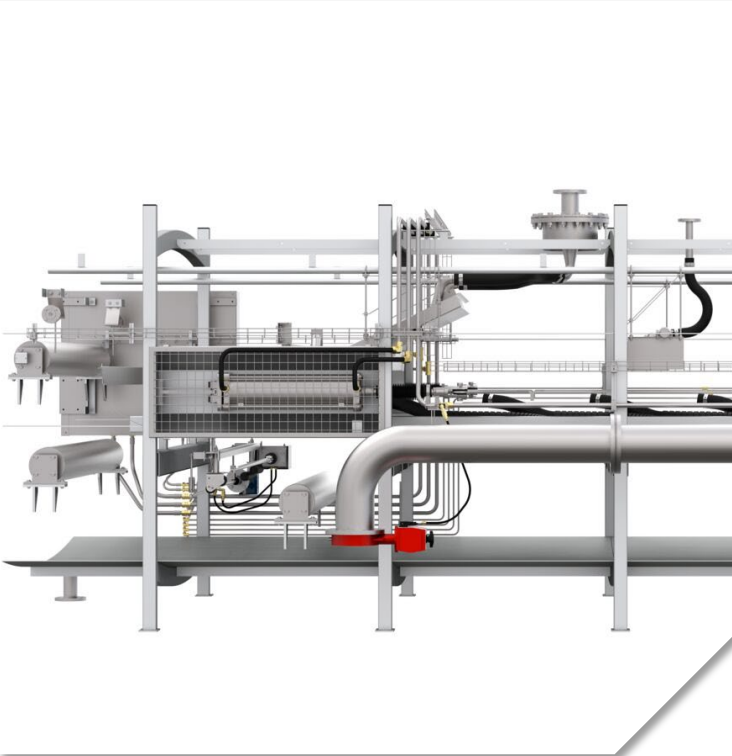


### Benefits

- Durable performance and wear life for your process
- Safe and clean filter operation

### Features

- Right materials selection based on your processes
- Different scraper options available
- Suitable for various filtration applications, including food processing, pharmaceuticals, as well as other industrial processes where the filtrate is the end-product



# Metso

Filtration spare and wear parts

## RT & RT-GT filter hoses and protection

MORE INFO:



Larox® RT & RT-GT filter hose solutions and protection are built for safe and reliable materials flow.

All process equipment, such as Larox® RT & RT-GT filters has a significant flow of material within the filter. We originally build our equipment with selected pipeline materials, as well as hoses and fittings from our original hose solution, along with the required valves and instrumentation.

Decades of experience in pressure systems and coarse materials handling ensure that filtrate is delivered correctly, safely, and with minimum maintenance needs. We offer complete kits or plug-and-play parts and pipelines for filter maintenance and refurbishment throughout the filter life cycle.

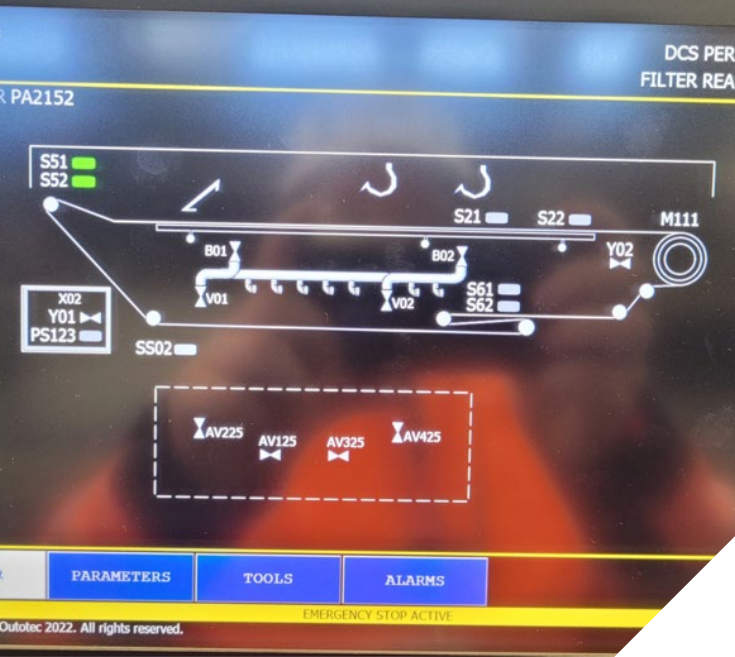
We also manage the availability, obsolescence, and replacements of third-party valves and instrumentation to ensure that parts remain available for years of operation.

### Benefits

- Quick and easy maintenance
- Guaranteed safety
- Elimination of filter stoppages and downtime related to process piping

### Features

- Original design & quality parts with decades of in-house and contract manufacturing expertise
- Upgraded materials and/or surface protection
- Installation and assembly support or service



Do not let the intelligence of your filter fail – ensure your control system is up to date and functioning efficiently and effectively.

The Larox® RT & RT-GT filter control system manages all functions, inputs, and outputs of the filtration process, including all essential safety functions. Many components interact with one another, each with its own vulnerabilities, making regular maintenance a necessity to ensure the equipment's availability and reliability.

If a critical configured part fails, we deliver a pre-configured and programmed replacement unit to enable a fast and smooth ramp-up of your filter.

Our support network to assist in control system troubleshooting, programming updates, and configuration changes.

We do not just distribute components – we guarantee that you receive the correct parts and efficiently manage obsolescence and replacement to make the life cycle of the filter control system as seamless as possible.

# Metso

Filtration spare and wear parts  
**RT & RT-GT filter control system**

MORE INFO:



## Benefits

- Quick and easy maintenance
- Guaranteed safety
- Elimination of filter stoppages and downtime related to process piping

## Features

- Original design & quality parts with decades of in-house and contract manufacturing expertise
- Upgraded materials and/or surface protection
- Installation and assembly support or service



# Metso in general

Partner for positive change

# Metso – Enabling sustainable modern life

## Megatrends

Urbanization  
Electrification  
Sustainability  
Resource scarcity

## Vision

To be customers' number one choice for sustainable use of Earth's natural resources. Together we deliver service, reliability, innovation and results – safely.

## Brand promise

We are the partner for positive change

## Top priorities

Financial performance  
Customer success  
Sustainability  
Performance culture

Metso  
**PLUS**



A G G R E G A T E S | M I N E R A L S | M E T A L S | S E R V I C E S | C O N S U M A B L E S

## Values



High ambition  
– always



Customer in  
center



Getting it done  
– together



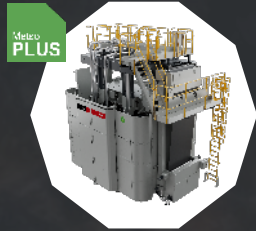
Open and  
honest

# Filtration powerhouse

## Metso filtration portfolio

### PRESSURE FILTRATION

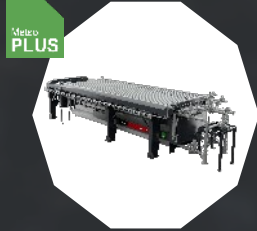
Larox® PF



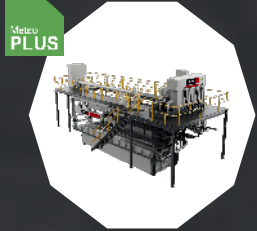
Larox® PF-DS



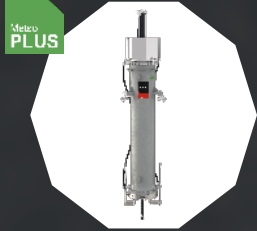
Larox® FFP



VPA filter



Tube press



TPS filter

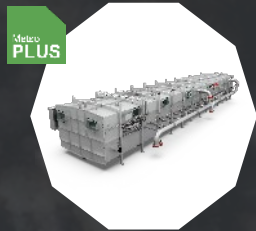


FP/FPS filter

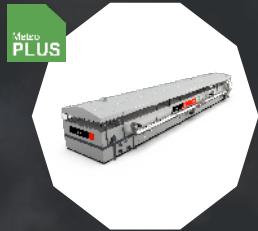


### VACUUM FILTRATION

Larox® RT-GT



Larox® RT

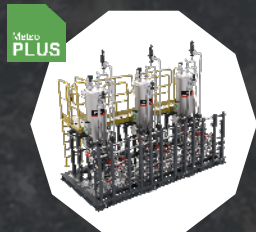


RB filter



### POLISHING FILTRATION

AC filter



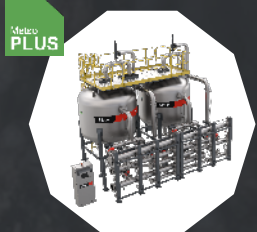
DM filter



LSF filter



GM filter



# Our sustainable operations

Our results are driven by ambitious targets

## Net Zero

CO<sub>2</sub>e emissions by 2030\*  
Scope 1 & 2



40%

Of revenue from customers with science-based targets by 2030  
(15.1% in 2025)

We are committed to limiting global warming to

1.5°

185

Supplier sustainability audits in 2025  
(179 in 2024)

Less than 2%

of sales to the coal industry in 2025  
(<5% in 2024)

100%

R&D projects with sustainability targets  
(98.8% in 2025)

40%

Of suppliers by spend with science-based emission targets by 2030  
(34% in 2025)

47%

Share of renewable sources in total energy consumption

100+

Metso Plus offerings

(\* ) 2019 baseline

Metso

# Your partner in industrial filtration

Metso provides reliable, efficient and fully automated filtration solutions for a wide-range of industries, including chemicals, food industry, pharmaceuticals, industrial minerals and hydrometallurgy.

Utilizing more than 14,000 tests in our database, we have the capability to test your application on site or in our Dewatering Technology Center, a unique world-class testing facility in Lappeenranta, Finland. We have over 5,000 references globally, which enables us to propose fit for purpose solutions to match your process and operational needs. During the solutions' life cycle, our global service is there to support maintenance and optimization.

All industrial filtration solutions belong to Metso's Plus portfolio. These products have more energy or water efficiency than the market standard, therefore they help you reduce CO<sub>2</sub> emissions and help achieve other sustainability priorities such as reducing pollution.

You partner for positive change.

# Larox<sup>®</sup> RT & Larox<sup>®</sup> RT-GT





DANGER

KEEP HANDS CLEAR  
MOVING MACHINERY

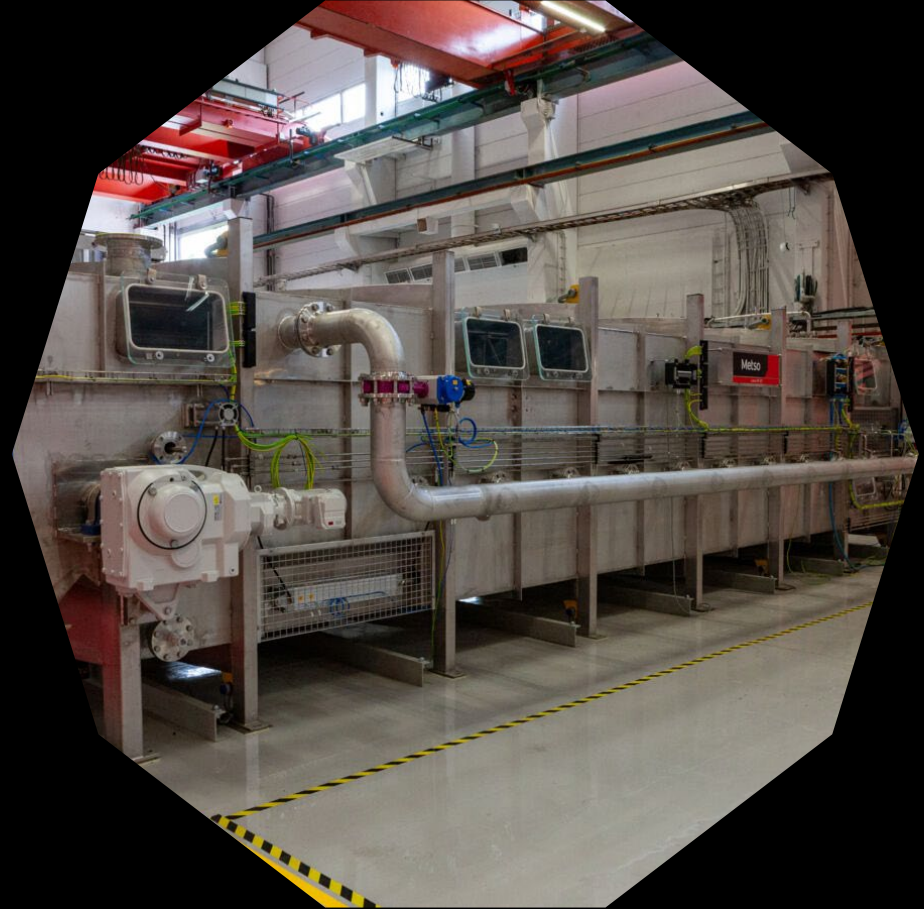
Metso

# Metso

## Partner for positive change

Harness the power of experience

Your #1 service partner from pit to port



[metso.com](https://www.metso.com)

