OPTIMISATION

GET MORE PERFORMANCE FROM YOUR EXISTING FILTRATION SYSTEM

**How well does your filtration system really perform? Where are the technical risks?
And which measures are appropriate now and in the future?**

A professional system assessment provides a thorough evaluation of your existing filtration system.
We analyse its condition, performance, operational safety and cost-effectiveness, clearly identifying where action is required and where improvements can be made.



OPTIMISATION – PROCESS

SCHEDULING

SYSTEM INSPECTION

DETAILED ANALYSIS

OPTIMISATION PLAN

IMPLEMENTATION

WHY OPTIMISATION MAKES SENSE

Higher Efficiency
Optimised filtration systems operate more efficiently and make better use of available resources.

Lower Operating Costs
Reduced energy consumption, lower wear-related costs and longer service intervals help reduce ongoing expenses.

Improved System Availability
Weaknesses are identified and resolved early – before they lead to unplanned downtime.

Extended Service Life
Targeted optimisation reduces stress on individual components and extends system service life.

Improved Filtration Performance
Properly matched filter elements and operating parameters help improve filtration performance.

Value-Added Investments
Existing systems do not always need replacing.
Targeted improvements can often provide a cost-effective alternative.

OPTIMISATION

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SYSTEM OPTIMISATION & EFFICIENCY IMPROVEMENT

System Analysis
We assess the current condition and performance of your filtration system.

Filter Optimisation
Correct filter selection and sizing are essential for efficient filtration.

Pressure Drop Optimisation
Excessive pressure drops increase energy consumption and reduce system performance.

Energy Efficiency
Potential to reduce energy consumption.

Condition & Performance Analysis
We assess the entire system, not just individual components.

Modernisation & Retrofitting
Existing systems often benefit from targeted upgrades rather than full replacement.

FREQUENTLY ASKED QUESTIONS

Can an existing filtration system be optimised?
Yes. In many cases, targeted adjustments to filter elements, operating parameters or individual components can deliver significant improvements.

Does the entire filtration system need to be replaced?
No. Our first step is to assess the potential of your existing system.
Often, individual components can be upgraded or optimised.

How can I tell if my system has optimisation potential?
High energy consumption, increasing pressure drops, frequent filter replacements, declining filtration performance or recurring faults are typical indicators.

What cost savings are possible?
This depends on the system, operating conditions and current condition.
Following an analysis, we can assess specific savings opportunities and improvement measures.

Can you also optimise older filtration systems?
Yes. Older systems can often be improved with new filter elements, modern measurement and control technology or selective component replacements.

Do you also handle implementation?
Yes. Upon request, we support you from analysis and planning through technical implementation and subsequent performance verification.

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