UPGRADE

MODERNISE YOUR EXISTING FILTRATION SYSTEM INSTEAD OF REPLACING IT

Is your filtration system still operational but no longer meets current requirements?
With a targeted upgrade, we bring existing filtration systems up to modern technical standards.
Instead of replacing the entire system, we assess which components can be retained, modernised or supplemented.



We evaluate the entire system and determine:
- What can be retained?
- What should be replaced?
- What can be added?
- What needs technical improvement?

The result is a tailored upgrade that meets your system's specific requirements.

UPGRADE – PROCESS

- CURRENT STATUS
- POTENTIAL ANALYSIS
- UPGRADE CONCEPT
- INVESTMENT ASSESSMENT
- UPGRADE IMPLEMENTATION

WHY UPGRADE INSTEAD OF REPLACE?

Lower Investment Costs
Reusing suitable components can significantly reduce investment costs compared to installing a completely new system.

Shorter Installation Times
Targeted upgrades can often be completed faster than installing an entirely new system.

Improved Performance
Modern filtration technology and equipment can improve the performance of existing systems.

Extended Service Life
Targeted replacement of critical components can extend the overall system's service life.

Future Readiness
Modern measurement, control and monitoring technology prepares your system for future requirements.

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AN UPGRADE MAY BE PARTICULARLY BENEFICIAL WHEN...

- THE SYSTEM IS STILL IN GOOD CONDITION
- FILTRATION PERFORMANCE IS INSUFFICIENT
- ENERGY CONSUMPTION IS TOO HIGH
- SPARE PARTS ARE HARD TO SOURCE
- THE CONTROL SYSTEM IS OUTDATED
- MONITORING EQUIPMENT IS MISSING
- PRODUCTION CONDITIONS ARE CHANGING
- FREQUENT SYSTEM FAULTS OCCUR
- NEW FILTRATION REQUIREMENTS ARISE
- FULL SYSTEM REPLACEMENT SHOULD BE AVOIDED

FREQUENTLY ASKED QUESTIONS

What is the difference between an upgrade and optimisation?
Optimisation improves existing operating conditions and components.
An upgrade usually goes a step further, involving the replacement, modernisation or retrofitting of technical components.

Does the entire filtration system need to be replaced for an upgrade?
No. The purpose of an upgrade is to retain existing components wherever possible and replace or add parts only where technically justified.

Can an outdated control system be modernised?
Depending on the system type and technical configuration, upgrading or replacing the control system may be possible.
This is assessed during the system analysis.

Can an upgrade reduce energy consumption?
Yes, particularly where excessive pressure drops, inefficient components or unsuitable operating parameters are present.
Actual savings depend on the specific system.

Can an upgrade improve filtration performance?
In many cases, yes. Improvements may include optimised filter elements, adjusted system design, improved flow conditions or additional monitoring and control technology.

How do we decide between an upgrade and a new system?
We first assess your existing system's condition, performance, technical options and cost-effectiveness.
Based on this, we recommend an upgrade, optimisation or complete replacement.

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