

// BREATH PURE AIR



me-Filtertechnik GmbH

// INTRODUCTION

// PURE AIR REDEFINED



As you can see, you see nothing.
Because with filter systems from me-Filtertechnik, even highly polluted air can be cleaned again.

me-Filtertechnik GmbH is the perfect partner for all companies which want to achieve exceptional results with clever solutions.

Thanks to our early specialisation in air filtration, we have a lot of experience that flows into the development of each system. This enables us to regularly exceed our customers' expectations of clean air and optimal all-round service. At me-Filtertechnik, something special has long been standard. Use it!

The following pages, you will find out, how we manage to develop these systems, what range of products we offer you and what else you can expect from us.

// OUR HISTORY – A SMALL INSIGHT



- 2017 Establishing ES-Filter-Nagel & Fichtner GbR, as successor to **United Air filtration Specialists Germany** as a service company to support customers based in Germany;
- 2017 Taking over the cleaning and maintenance of the filter systems from **Siemens, Schäffler and Nedschroef**;
- 2017 Purchase of professional cleaning equipment such as industrial washing machines and ultrasonic tanks for filter cell cleaning
- 2019 Cooperation with **Holzstaubtechnik Ranzenbacher GbR** as partner company for air ducting solutions;
- 2019 Establishing partnership with **Absolent Air Care Group** and **Bristol Filter Deutschland GmbH**;
- 2019 Start of retrofitting of used air filtration units
- 2020 Inclusion of the **Filtermist** product portfolio
- 2021 Establishing **me-filtertechnik.gmbh**, as successor to ES-Filter, due to restructuring reasons and market development;
- 2021 Cooperation with **gu-we service and maintenance** in Austria
- 2022 Transfer of the operational business from ES-Filter to **me-filtertechnik**

// OUR HISTORY – A SMALL INSIGHT



- 2022 Market development in France and Netherlands;
- 2024 Cooperation with **Bristol Filter Deutschland** for the production of OEM filter units
- 2025 Establishing of a new location in the south of Germany for production and service purposes;
- 2025 Integration of the complete **Bristol Filter Deutschland GmbH** product portfolio and start of the production of new customer specific air filtration units;
- 2025 Overtaking of the service and spare parts supply of the **Bristol Filter Deutschland GmbH** air filtration units
- 2025 Introduction of a fully integrated **ERP-System** in the company structure

Our Team encompasses approx. 13 employees and is growing. We have specialists in the field of electronics, mechanics, incl. Engineering and the design of new systems.

// OUR PORTFOLIO

// FILTRATION SOLUTIONS



// ECONOMICAL AND EFFICIENT

We use efficient and compact individual filters for air volumes of 300 to 3500 m³/h. With a footprint of just 0.2 to 1m², they can be connected onto or next to any type of tooling machine, device or system to save space. For higher separation performance at extreme particle loads, all individual filters are also available as tandem filters as 2-stage design with two filter cells, or as electrostatic filters, in combination with a mechanical post-filter.

We implement individual island solutions and central systems from 3500 m³/h and above with modular filters units, flexible in design and assembly. With experience and know-how, we adapt the pipework to the given building. Planning and implementation come from one hand.

// OUR PORTFOLIO

// FILTRATION SOLUTIONS



// ELECTROSTATIC AND MECHANICAL FILTER SOLUTIONS

Are small or large air volumes to be filtered? Is the air contaminated with oil mist, coolant or other particles? In what concentration and particle size?

We know the decisive factors and provide complete, well-thought-out solutions for air filtration. This way, you can protect employee health efficiently and economically.

Individual filters, compactly mounted on or next to a machine or the workplace, filtering directly at the source of pollution. For isolated solutions with several machines and for central systems, we use modular filters and flexible pipe systems.

// OUR PORTFOLIO

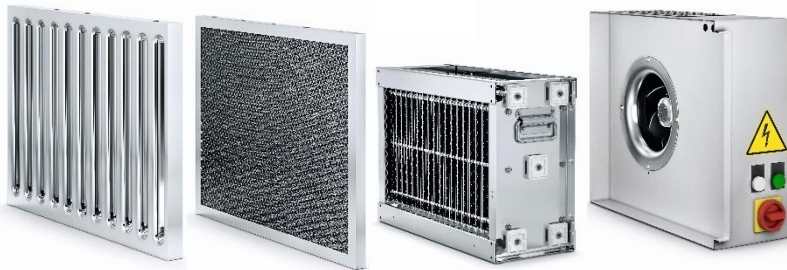
// FILTRATION SOLUTIONS



// ELECTROSTATIC AND MECHANICAL FILTER SOLUTIONS

Whether it is minimum quantity lubrication on tooling machines, oiling systems on transfer stations in metal forming processes, as a small standard unit, or as a special design with explosion-proof components, me-Filtertechnik filter solutions can be easily adapted into existing exhaust air concepts in accordance with your company guidelines.

Special designs with customized housing solutions, or special components and signal interface that you require. We are happy to support you.



// OUR PORTFOLIO

// FILTRATION SOLUTIONS



// CARTRIDGE FILTER UNITS – DUST COLLECTORS

In the field of laser cutting and in the welding automation technology, tailor-made extraction systems are often crucial and are individually customized by us, to ensure the effective removal of a wide range of air pollutants.

We use efficient and compact cartridge filters for air volumes of 600 to 4000 m³/h. With a small footprint, they are extremely space-saving and very efficient, thanks to the automatic cleaning cycle of the cartridges.

For higher separation performance at extreme particle loads, all cartridge filter units are optionally available with a highly efficient compact filter cassette or sub-micron post-filter.

// OUR PORTFOLIO

// FILTRATION SOLUTIONS



// CARTRIDGE FILTER UNITS – DUST COLLECTORS

For air volumes of 6000 m³/h and more, for entire work areas, several robot welding cells, or grinding workstations, we use efficient and modular cartridge filter units. These can be individually adapted for large air volumes. The capacity of the air volume to be processed, is almost unlimited.

With externally operated fan units used for this, provides maximum flexibility in terms of setup and performance. Completely tailor-made matching your requirements.

// OUR PORTFOLIO

// FILTRATION SOLUTIONS



// CENTRIFUGAL OIL MIST COLLECTORS

Since the beginning of the 2000s, we have been working closely with the English manufacturer Filtermist. This company, established in 1969, has been consistently developing its systems. Filtermist centrifugal mist collectors ensure effective removal of mist in a wide range of industries. They efficiently remove oil and coolant mist in thousands of production processes around the world.

As an official distributor, responsible for southern Germany and Austria, we support you choosing the perfect match in size and options, for your requirements.

Availability of spare parts and consumables is important to you and us, because no one can afford breakdowns. That is why we always keep a large stock of consumables and genuine spare parts in order to be able to deliver at short notice.

// OUR PORTFOLIO

// CABLE MANAGEMENT



// CABLE DUCT SYSTEMS

Gained in practice for use in practice – me-Filtertechnik MT cable duct systems, based on Bristol's MT cable duct system: angles, crossings, connectors, T-pieces, outlets... we manufacture a wide range of duct shapes and sizes in high quality and dimensional accuracy according to customer drawings.

With industry-specific know-how, we plan and implement solutions for mechanical engineering, building technology and for everyone else who needs to get cables in the right place.

System elements should be able to be opened even when installed and keep the cables laid throughout freely accessible. For suspended, embedded or high-load designs - we provide flexible solutions for every requirement.

// OUR PORTFOLIO

// CABLE MANAGEMENT



// CABLE DUCT SYSTEMS

Whether you provide us your parts list and specifications or commission us directly to plan the project - we will consider and manufacture complete cable duct systems according to your requirements.

The solutions, 90% of which are individual, ensure safe and economical connecting of cables of all types from A to B to C to D, etc. We consider and select the optimum materials, shapes and sizes for each industry. Whether it is 10 linear meters for the automation of a tooling machine or 1000 m for the supply of a production hall - we duct cables of all types and sizes.

// OUR PORTFOLIO

// SERVICES



// FLEXIBLE

// EFFICIENT

// INDIVIDUAL

// SYSTEM ENGINEERING – PROJECT MANAGEMENT

In addition to individual solutions, me-Filtertechnik also offers a full range of services for applications that requires extraction and filtration from collection points throughout the production facility. This involves an initial site survey to determine the requirements, including all processes involved, the type of contamination and the level of contamination.

Based on the inside of the current situation, me-Filtertechnik then designs an individual system that matches the customer requirements.

This provides you time for a good cup of tea, because we take care of the design for you.

// BREATH PURE AIR

// OUR PORTFOLIO

// SERVICES



// MAINTENANCE FOR FILTRATION UNITS

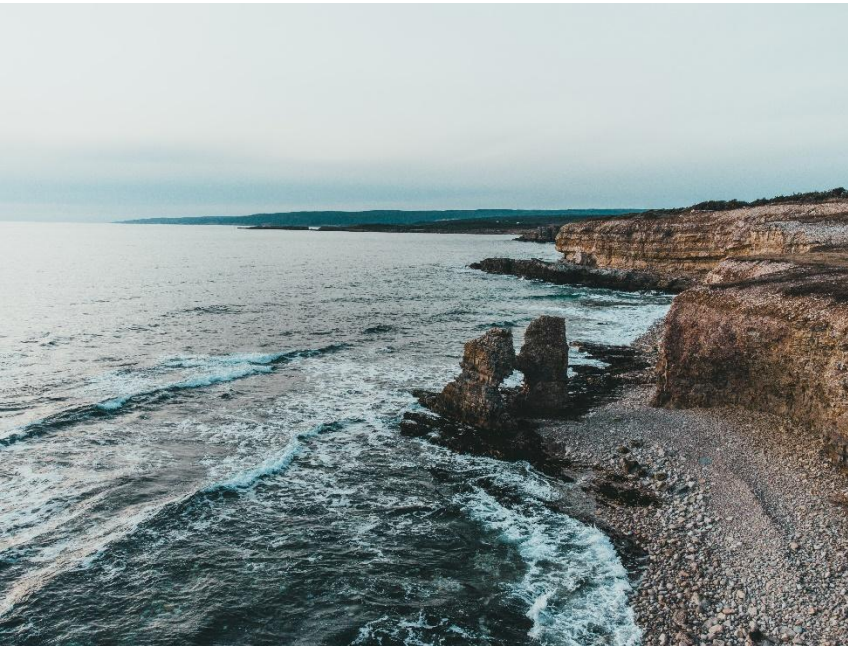
me-Filtertechnik's service is oriented to ensure, that all models and designs of air filtration units and extraction systems to perform their intended function properly.

me-Filtertechnik's team of dedicated service technicians operates throughout Germany and beyond borders.

We plan and manage maintenance visits in line with your production schedules to minimize downtime or, if possible, entirely without it.

// OUR PORTFOLIO

// SERVICES



// CLEANING OF FILTER CELLS

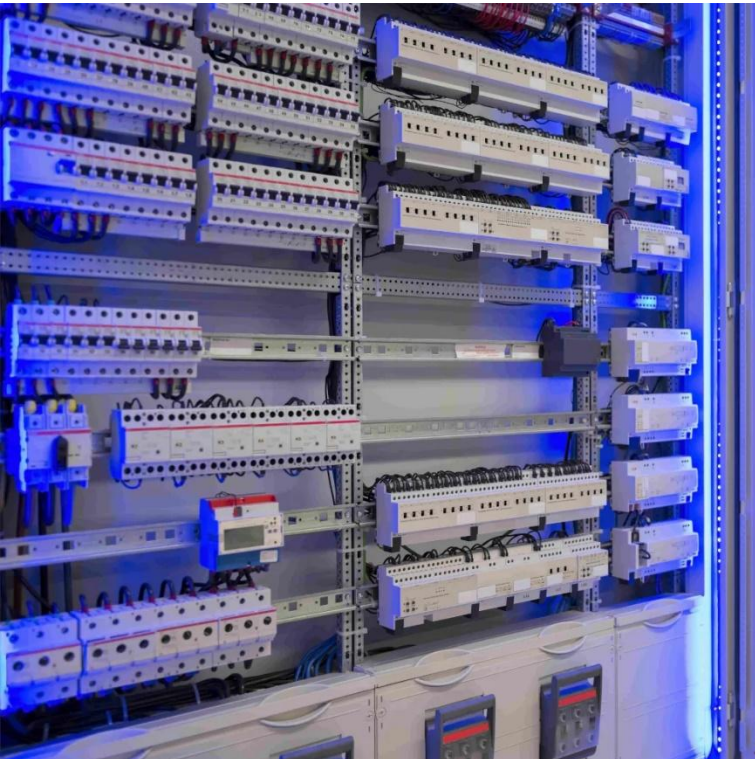
me-Filtertechnik's electrostatic filters are easy to maintain, because the ionizer and collector cells are having very few wearing parts. However, depending on the amount of contaminants filtered, the collector cells can become clogged with dirt particles over time. Therefore, regularly cleaning is essential to ensure the highest level of separation performance on an ongoing basis.

me-Filtertechnik's service technicians provide you with replacement cells, if required, while the original cells are cleaned at our facility, using ultrasonic technology and high pressure washing. This procedure is keeping disruption to the production schedule to a minimum.

Another advantage is that the wastewater will be disposed of professionally and in an environmentally friendly manner, which you do not have to worry about.

// OUR PORTFOLIO

// SERVICES



// MANUFACTURING OF ELECTRICAL CONTROL CABINETS

Electrical control cabinets are the core for seamless automation. Our team carefully designs and assembles control cabinets tailor-made to your individual specifications.

Work with us, to achieve electrical control cabinet excellence - where precision meets performance.

To meet the highest requirements, we always use high-quality components and materials for electrical control cabinets and work hand-in-hand with your design.

We don't just build the control cabinet exactly according to your requirements and specifications: we consider and design with you.

// ELECTROSTATIC FILTER UNITS – MECHANICAL FILTER UNITS –
COMPLETE SOLUTIONS - SERVICES – CABLE DUCT SYSTEMS

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