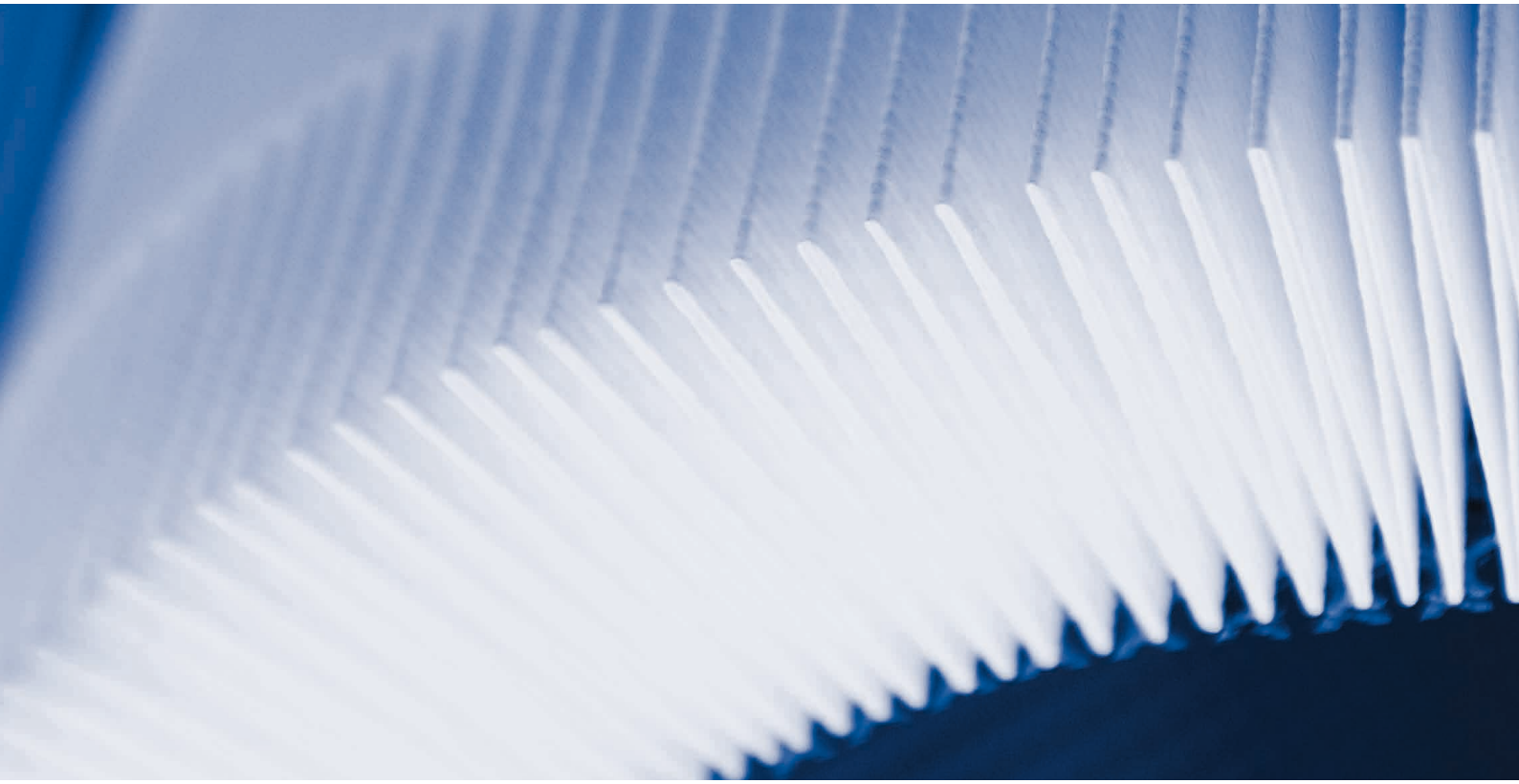
R + B Filter Elements for Clean Air



www.rbfilter.com

FILTER

Innovations for Clean Air



Owner Jochen Rapp and Sabine Rapp manage the company

INNOVATIVE THINKING AND ACTING

R + B Filter manufactures pleated filter elements for industrial dust and air filtration. With our wide range of filter elements of outstanding quality, we make a highly effective contribution to dust removal in industrial work processes and workplaces – helping to keep the air clean.

R + B Filter is an owner-managed company which has been producing pleated filter cartridges since 1982. In 1991, we launched the first pleated filter panel, which has since become firmly established in industrial dedusting technology.

Other patented products have followed over the years. Our innovations continue to set standards in dust removal technology.

ANALYSIS AND CONSULTANCY

Continuous changes in industrial production processes, as well as stricter laws on environmental and occupational health and safety, constantly place new demands on dust removal technology and air filtration.

That is why our technicians and engineers develop not only customised filter elements but also tailored solutions to ensure the optimal performance of your dust removal systems.

As a basis for our recommendations, we take into account dust characteristics, process-related factors, chemical resistance requirements and other on-site conditions.

We contribute to ensuring that production processes run smoothly, the health of people is protected at their workplaces and the environment is preserved.



Technicians and engineers develop solutions together with customers

OUTSTANDING PERFORMANCE THANKS TO TECHNICAL EXPERTISE

We develop exceptional solutions.

Experienced technicians and engineers analyse the operating conditions of the filter elements directly on site. Based on the technical conditions and requirements identified, we tailor the type of filter element and the filter material to the specific application.

Dusts differ in terms of their particle size, concentration in the volume flow, chemical properties, electrostatic charge, process temperature and separation efficiency requirements. Industry-specific requirements, such as certification for the production of food or pharmaceuticals, are also taken into account. Other key factors include air flow rate and the available space on site.



Dust analysis in the laboratory

WE DEVELOP CUSTOMIZED SOLUTIONS FOR DUST REMOVAL TAILORED TO YOUR REQUIREMENTS – MADE TO MEASURE, HIGTH-QUALITY AND EXCLUSIVE

Company headquarters in Langenbrettach near Heilbronn



The most comprehensive Range of pleated Filter Elements for Dust Removal Systems

OPTIMAL PERFORMANCE EVEN UNDER EXTREME CONDITIONS

In addition to our standard filter elements, we supply a variety of other types of filter cartridges, filter panels and filter cassettes, as well as accessories for assembly and cleaning, such as filter holders, solenoid valves and valve controls.

Would you like to secure your spare parts business? Are you looking for a non-standard filter element? We supply a customised filter element tailored to your dust collector.

SHAPE

The available space requires a specific geometry for the dust filter element. Are you looking for an assembly system that is tailored specifically to your dust collector?

FILTER MATERIAL

When choosing the filter medium, we take into account the properties of the dust to be filtered, the operating conditions on site and the required degree of separation. We also develop innovative filter materials for new applications.

SPECIAL DESIGNS

Is your dust removal filter element being used under exceptional chemical conditions? Are you looking for a solution for higher operating temperatures? Should the filter element be certified as safe for food? We develop your filter element for dust collection, ensuring it fully meets your requirements.



Individuality by Diversity, Reliability in Quality and Performance

FILTER CARTRIDGES

are available in diameters ranging from 115 mm to 570 mm with all market-available standard mounting systems for raw gas side or clean gas side installation. Standard cartridges are temperature-resistant up to 80°C.

Used everywhere in dust collection; Additive manufacturing, Filling and Storage, Mixing, Conveying, Powder coating, Blasting, Welding fume extraction, Recycling



FILTER PANELS

have a sturdy design which provides a very high level of mechanical strength. The diamond-shaped structure of the filter medium allows high dust concentrations to be applied.

Laser cutting, Unloading and Conveying products, Mixing, Deburring, Food and Pharmaceutical manufacturing



FILTER CASSETTES

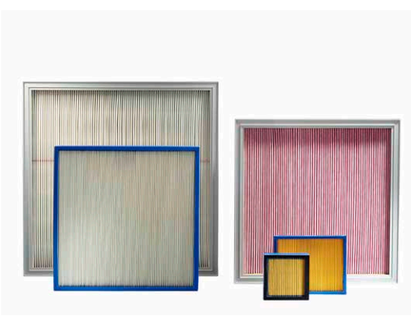
can be installed either vertically or horizontally. Thanks to their low installation height, they are suitable for compact dust collectors and for use as secondary filters.

General ventilation, Sawing, Grinding, Blasting









HOT GAS FILTRATION

Design and materials are engineered to withstand the specific operating conditions at high temperatures of up to 400 °C. Stainless steel filter cartridges offer an exceptionally long service life.

Drying, Casting, Flue gas extraction, Production and Loading of building materials



FOOD AND PHARMACEUTICALS

Filter cartridges and filter panels are certified as safe for food contact according to EU regulations and US FDA guidelines. They are suitable for all ATEX zones.

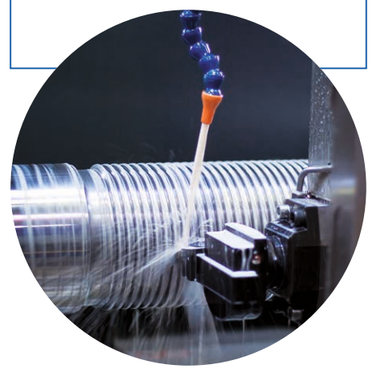
Food and Pharmaceutical production: Conveying, Mixing, Filling, Weighing, Containment, Packaging



AEROSOLS, OIL AND EMULSION MIST

Filter elements designed to separate oil and emulsion mists as well as aerosols feature a multi-stage filter medium with a high absorption capacity. They combine an exceptionally high separation efficiency with a long service life.

Oil spraying systems, CNC machining centres, Metal forming, Minimum quantity lubrication

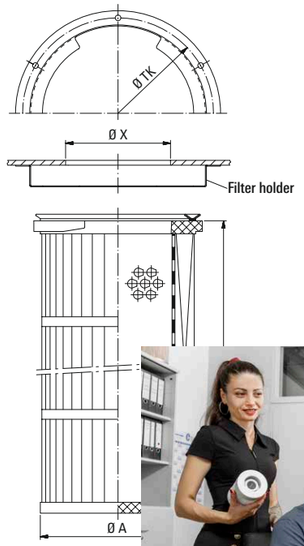




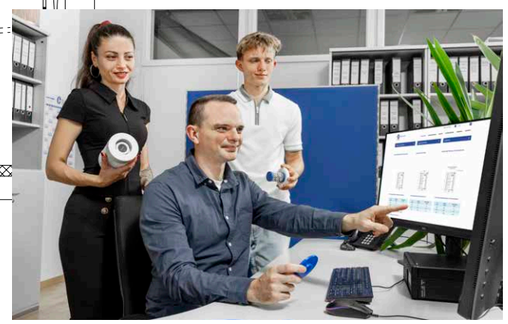




Quality and Transparency – from R & D to Completion



Pleating machine

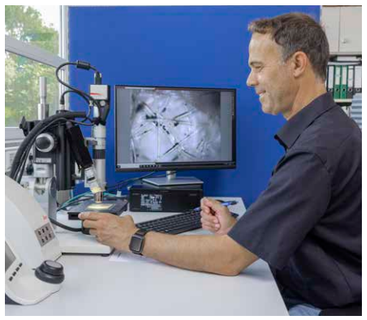


Design

INNOVATIVE AND FLEXIBLE

Technological innovations and increasingly stringent laws continuously place new demands on dust removal technology and air filtration. We take this development into account.

Drawing on our expertise gained from research carried out with external institutes, on-site analysis at the customer's premises and years of experience in application technology, we develop solutions for new operating scenarios.



Research and development

We analyse our customers' dust samples in our own laboratory.

Our technicians constantly search for materials to meet new requirements.

We develop filter elements with customised dimensions or installation systems within a very short time.

In collaboration with external institutes, our technicians and engineers test innovative materials and filter elements for our customers.



Incoming goods inspection

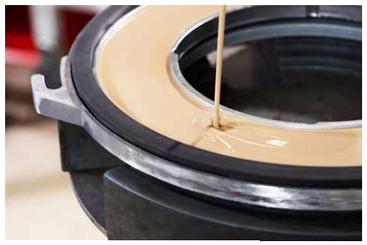
The raw materials we use are subject to incoming goods inspections in accordance with specified testing criteria. Every stage of production is clearly defined and traceable. Trained staff with many years of experience contribute their expertise.

Flexible and transparent processes enable new developments to be delivered within a very short timeframe.



TECHNICAL EXPERTISE AND PRECISION ENSURE RELIABILITY AND CONSISTENTLY EXCELLENT QUALITY OF OUR PRODUCTS

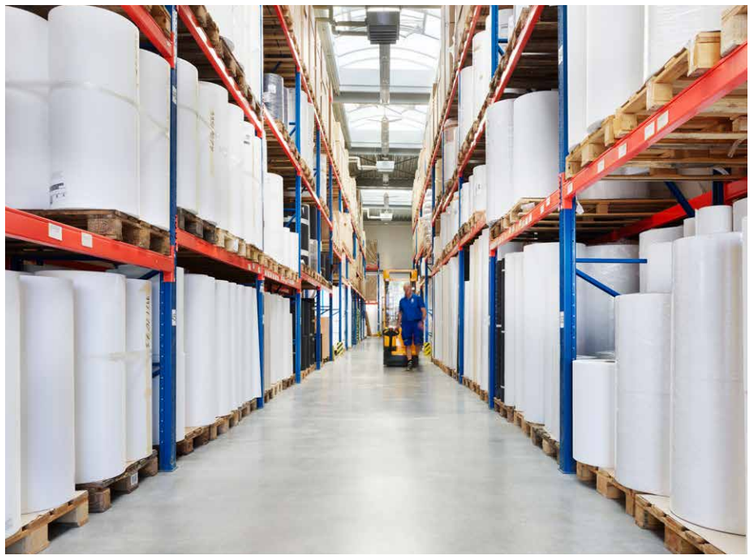




Precise casting of end caps



Quality control



Warehouse

R + B Filter in India



The directors of R + B Filter in India:
Chirayu Oza, Sabine Rapp

ON SITE IN ASIA'S DYNAMIC MARKETS

The main requirements for competitiveness are fast deliveries and short distances to customers. This is why R + B Filter Manufacturing Ent. Pvt. Ltd. has been operating as an Indian company with its own factory in Vadodara, north of Mumbai, since 2009. In Vadodara filter elements for air and dust filtration for the Asian market are produced. R + B Filter Manufacturing is certified according to ISO 9001.

Following the establishment of its Indian plant, R + B Filter has meanwhile become the leading manufacturer of filter elements for the dedusting technology in India.



Casting of end caps



Quality control

R + B Filter Manufacturing Ent. Pvt. Ltd. in Vadodara



Focused on Customers wordwide

INTERNATIONAL PRESENCE

R + B Filter elements are part of production processes worldwide. They play a key role in dust collection systems.

They ensure process reliability and provide a long service life. Achieving both requires high-quality workmanship and the selection of the technically most suitable filter element for the application.

Our technicians and engineers advise customers on selecting the most suitable filter element. They recommend solutions to optimise the performance of dust collectors.



Understanding and advising customers

EXPERT CONTACTS

Our international sales offices provide expert advice on all matters relating to dust removal technology – in Germany and around the world.

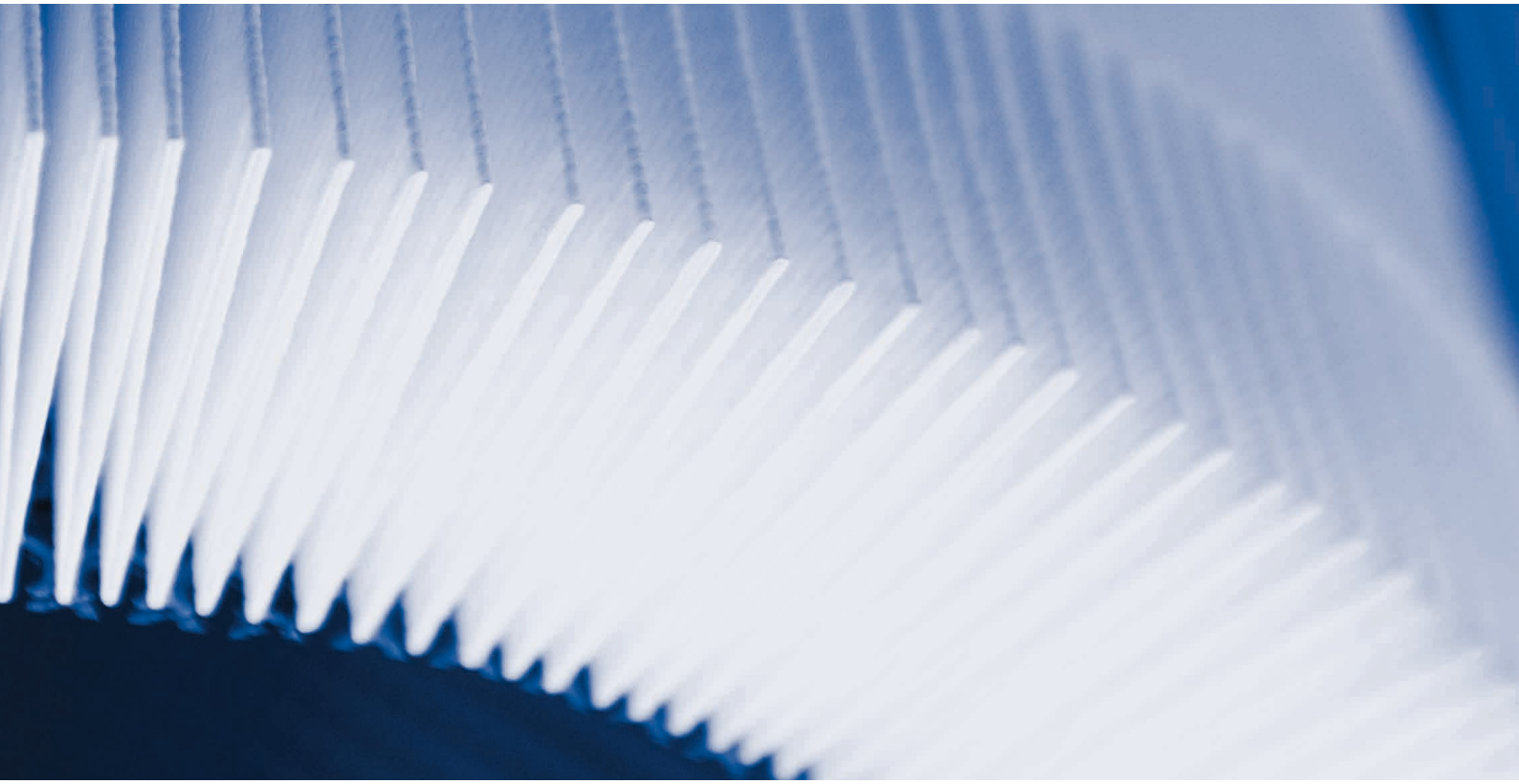
Local R + B Filter representatives ensure on-time delivery and provide technical support whenever required.

LOCAL TECHNICAL EXPERTISE, SERVICE AND QUALITY



Participation in international trade fairs

The full Range of Dust Removal Technology



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