



Our Company

HÖCKER[®]
POLYTECHNIK

Always one idea ahead

Always one idea ahead.

From the idea to the innovation.

Höcker Polytechnik has been designing, planning and building ventilation systems since 1962. We also develop tailor-made clean air technology solutions for industrial waste management companies across the globe.

Our products and innovations enable us to improve product quality and reduce processing times and energy costs. Products from Höcker Polytechnik are characterised innovative strength, performance and fast amortisation.

We are committed team players and work closely with our customers right from the start of the project, ensuring that they have the full support of an experienced and expert team. We aim to push our solutions beyond standard technical limitations and also ensure that any innovations are integrated into the project.

Sustainable business practices are part of our core values. We understand that the environment and business should not be mutually exclusive and we take corporate responsibility very seriously. We are able to use our creativity and passion to turn visions into realities, which benefits both our customers and the environment.

We invest in the future. Our technical building, built in 2023 offers our construction and electrical engineering the ideal environment for good and new ideas. For optimised order processes and streamlined production logistics is ensured by our powerful ERP system Microsoft Dynamics 365 Business Central. Two important steps that will enable us to to implement our customers' requirements even better and faster in the future. the requirements of our customers.

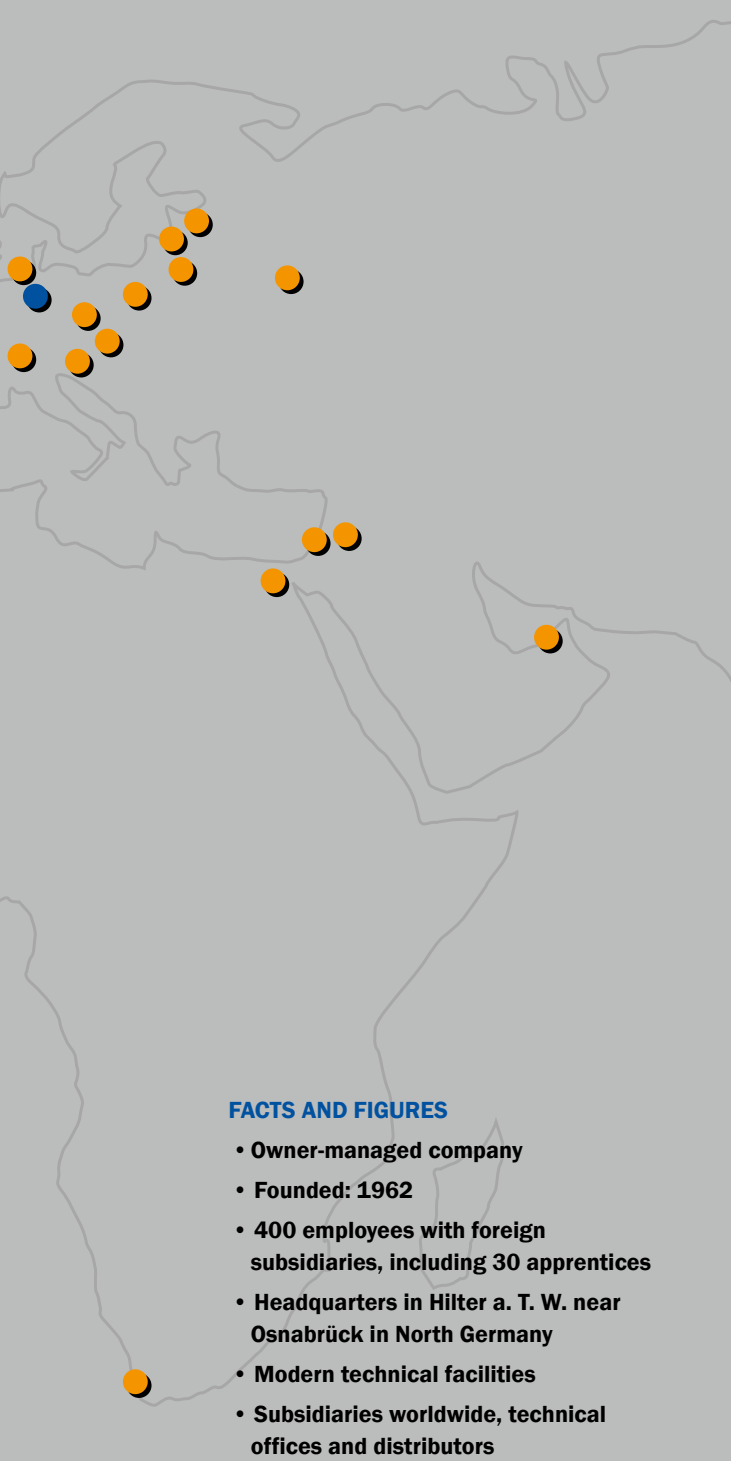
We always keep a broad perspective in mind and, as an owner-managed company, we are very mindful of our responsibilities to past and future generations, which is why we continue to invest in our company in a carefully considered way. Our most valuable asset is our employees' exceptional know-how, which we continuously develop through further training and educational programmes.

This is how we shape the company of tomorrow.

Höcker Polytechnik – always one idea ahead.



In operation for Höcker Polytechnik GmbH:
f.i.t.r. Christian Vennemann,
Lisa Marie Höcker, Frank Höcker



HÖCKER POLYTECHNIK – WORLDWIDE

Our international sales offices and subsidiaries are located in

- Egypt
- Australia
- Belgium
- Brazil
- China
- **Germany (headquarters)**
- Estonia
- France
- United Kingdom
- Republic of Ireland
- Israel
- Jordan
- Canada
- Latvia
- Lithuania
- The Netherlands
- Austria
- Poland
- Portugal
- Russia
- Saudi Arabia
- Switzerland
- Scandinavia
- Slovenia
- Spain
- South Africa
- Czech Republic
- Hungary
- USA
- United Arab Emirates

FACTS AND FIGURES

- Owner-managed company
- Founded: 1962
- 400 employees with foreign subsidiaries, including 30 apprentices
- Headquarters in Hilter a. T. W. near Osnabrück in North Germany
- Modern technical facilities
- Subsidiaries worldwide, technical offices and distributors
- Our own distributors in Poland, Russia and Switzerland
- Three business areas
 - Wood, Plastics and Metal
 - Printing, Packaging und Recycling
 - Surface technology
- Quality management system certified to ISO 9001
- Energy management system certified to ISO 50001

Always one idea ahead since 1962.

Höcker Polytechnik – yesterday, today, tomorrow.

1962



1962 Foundation

Polytechnik oHG is established as a commercial and installation company in Bad Laer.



1968 Technology

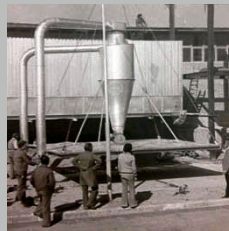
Cyclones are standard and issues such as health and safety are becoming increasingly important.

1970



1973 Company celebrations

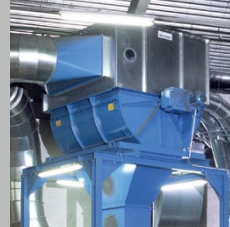
Günther Höcker drives forward advertising and Höcker Polytechnik GmbH gains international recognition.



1979 Worldwide

One of the first assembly assignments abroad.

1980



1985 Patent

Höcker's material separator is granted a European patent.



1989 Merger

Presto GmbH & Co. KG is incorporated into the Höcker Group and is now one of Europe's leading container compactor manufacturers.

1990



1991 The next generation takes the reins

Founder Günther Höcker hands over managerial responsibilities to Christian Vennemann and Heiner Kleine-Wechelmann.

Foundation

The manufacturing and sales company DPU is founded in Poland.



1992 Market launch

The Vacumobile compact de-duster revolutionises workshops and has achieved over 10.000 sales since its launch.



1993 Management

Frank Höcker becomes Chairman of the executive board.

2000



2000 Participation

With BRIKLIS, spol. s r.o., the Höcker Group acquires one of the leading briquetting press manufacturers.



2004 Market launch

BrikStar briquetting presses conquers the market. Well over 3,000 units were sold by this date.



2005 Market launch

The modular MultiStar filter system is launched and since then has been supplied to thousands of customers.



2009 Production

Our modern sheet metal machining centre is officially inaugurated.

2010



2010 New headquarters

The new headquarters in Hilter a.T.W. is inaugurated. The building is of course constructed in compliance with energy efficiency requirements.



2012 New logistics centre/ company anniversary

The new logistics centre is inaugurated and Höcker Polytechnik celebrates 50 years in business.



2015 Sustainability

The new solar power plant on the roof of the Manufacturing/Logistics generated 2,298,684 kWh by 2023.



2017 New laser centre

The new laser centre in Plant II is inaugurated.



2018 Market launch

MultiStar C compact filter system for air volumes up to 30,000 m³/h.

2020



2020 Market launch

Vacumobiles with IE5 permanent magnet motors of the highest efficiency class.



2021 Market launch

New medium-pressure dust extractor Vacumobil MD160.



2022 Film work

The film "We are Höcker Polytechnik" is presented and offers a look behind our scenes.



2022 New building

New technical building on Borgloher Straße 2.



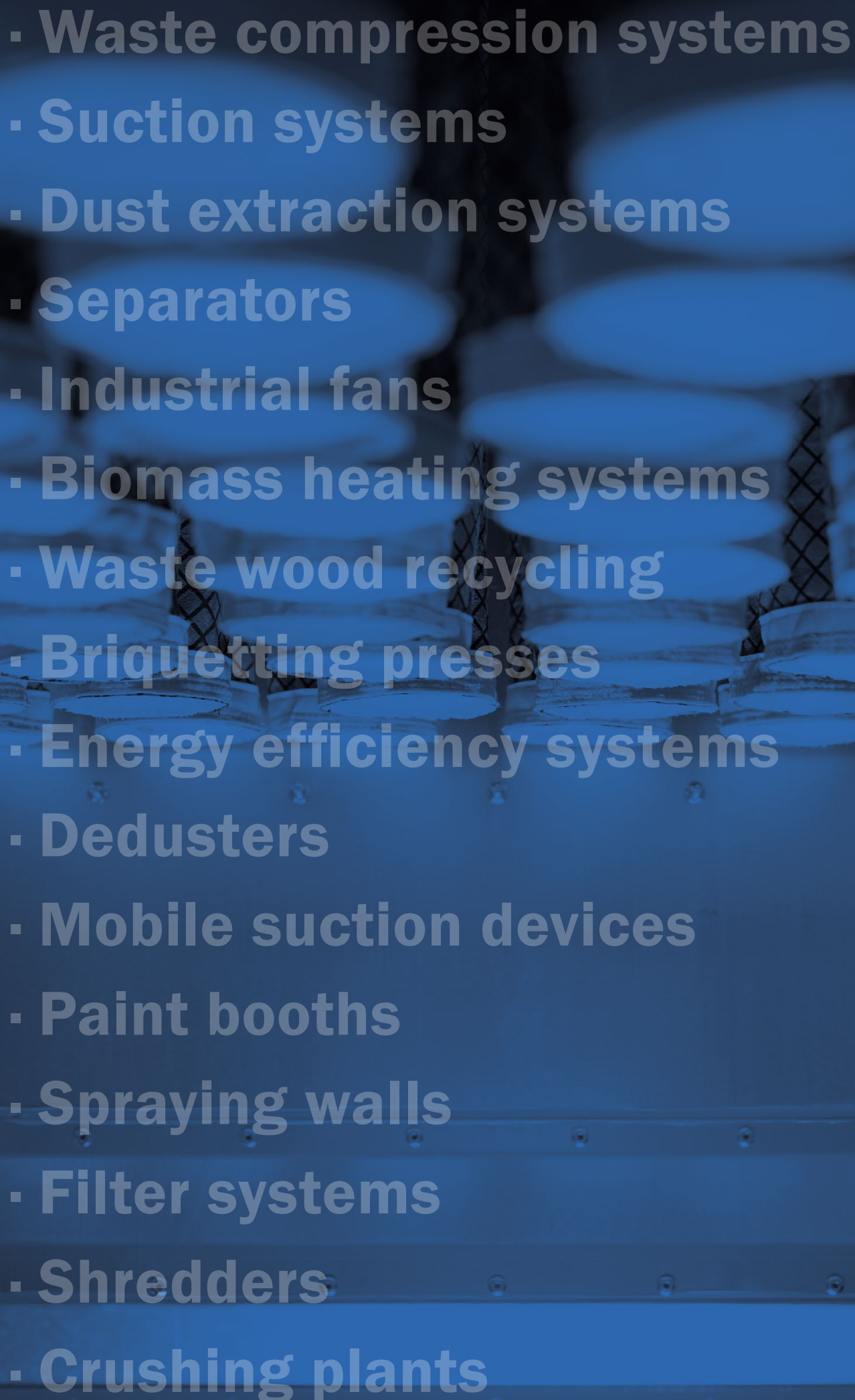
2022 Company anniversary

60 years of Höcker Polytechnik. Big anniversary party with 500 guests.



2023 Market launch

MultiStar Generation 2023 is presented.

- 
- **Waste compression systems**
 - **Suction systems**
 - **Dust extraction systems**
 - **Separators**
 - **Industrial fans**
 - **Biomass heating systems**
 - **Waste wood recycling**
 - **Briquetting presses**
 - **Energy efficiency systems**
 - **Dedusters**
 - **Mobile suction devices**
 - **Paint booths**
 - **Spraying walls**
 - **Filter systems**
 - **Shredders**
 - **Crushing plants**

You will come across our products every day.

Systems from Höcker Polytechnik are used thousands of times worldwide. Our Products

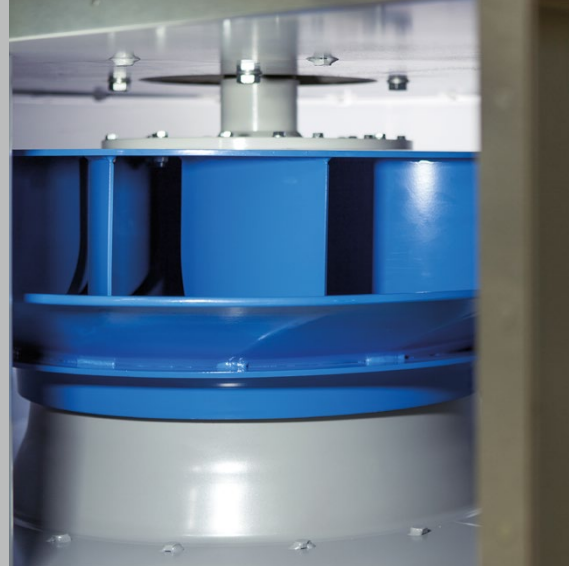
- de-dust workshops and production plants
 - make briquettes from dust and chippings
 - shred process waste
 - transport process waste
 - optimise painting operations
 - create optimum working conditions
- and facilitate maximum productivity with minimum energy consumption.

Your kitchen was probably manufactured with our products. We also probably played a part in the manufacture of some of your other furniture, or our products helped to manufacture your windows.

You can be almost certain that Höcker Polytechnik has played a role in the production of some of your favourite magazines and when you pick up a cardboard box it has probably been produced as a result of some of our technology.

We are your perfect partner for efficient recycling and modern spray booth technology.

We are very pleased that many leading companies from a variety of sectors are included in our customer base and we are committed to providing the very highest levels of support to all of our customers.



Extraction Systems

You manufacture and we will handle the process waste.

Höcker Polytechnik provides extraction solutions, which are specifically designed for modern machinery. Our systems are able to extract wood or paper dust, chippings or other waste materials on the machinery by suction and you can also have the option of disposing of this waste, which can be separated according to the type of material.

This is how we create clean production facilities, enhance product quality and enable you and your employees to benefit from optimum working conditions.

MultiStar Filter Systems

There is no such thing as a truly universal filter system, however, there is an optimum MultiStar filter system for each operational area.

MultiStar filter systems are dependable specialist systems. They reliably provide production machinery with the required levels of suction performance and they are optimally calibrated to process the resulting dust.

MultiStar systems are also used in your own industry. They assure production levels and increase product quality.

With the 2023 generation MultiStar filter systems, the design of the filter has been completely revised. This allows us to implement the requirements of our customers even more specifically. Of course, the new filter type has also been successfully tested for pressure surge resistance.



Painting Systems

Perfect painting solutions for any size of business.

Höcker paint booths have a number of features in common; they are custom-designed to meet customers' specific requirements and eliminate paint mist with maximum energy efficiency.

The product portfolio ranges from compact painting/drying booths for smaller workshops up to systems for XXL paint shops designed for industrial use. Our booths are used to paint an almost infinite array of items, from exclusive high-gloss cabinets to trains and yachts. Our customer references are very impressive.



Vacumobile Deduster

Machine dedusting made easy.

Höcker Polytechnik Vacumobile dedusters are used in workshops and in a range of industrial applications. Thanks to their flexible application possibilities and many equipment variants, our dust extractors can be positioned wherever the use of a large filter system would not be profitable or smaller solutions would be overtaxed.

Our Vacumobiles with the IE5 Efficiency Powerpack use permanent magnet motors of the highest efficiency class IE5 and thus offer an efficiency advantage of 25% for air and electricity. Economy and sustainability can thus be optimally combined.

PaintStar Spraying Walls

Professional painting.

The PaintStar series includes a range of cost-effective, entry-level paint mist extraction systems, which simplify professional painting operations in many different businesses. Our solutions range from the PaintStar T, a 120 cm narrow spray paint booth suitable for spraying small components, up to 600 cm wide spraying walls with folding carton filters/ filter mats or filter cubes.



BrikStar

Briquetting Presses

BrikStar briquetting presses are used in thousands of different applications and have so far produced tens of billions of briquettes. They press wood, paper and metal dust and shavings into easily storable briquettes. Carpentry workshops are therefore able to generate their own fuel and metal processing plants can increase their revenue from recycling.



[Separating the coarse from the fine]

Material separators operate in the air flow.

Optimise pneumatic transport. PMA material separators made by Höcker

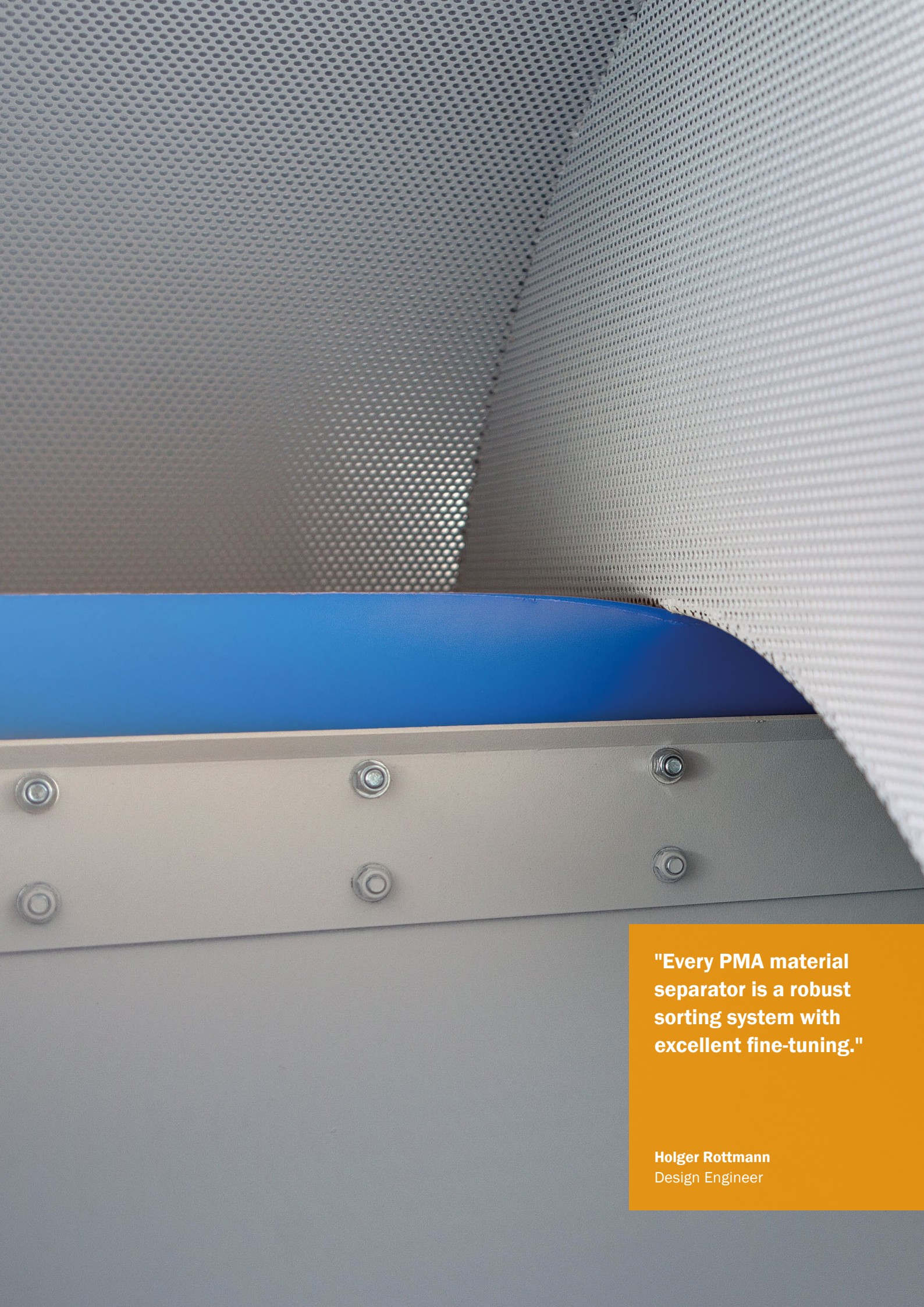
Our technologies extract dust from production areas and also remove any waste. Our PMA material separator is an indispensable tool that reliably facilitates the disposal of process waste.

Höcker Polytechnik is setting new standards with our PMA material separators. The patented mode of operation and an enormous range of applications make the PMAs highly efficient workers upstream of the filter.

The air flow transports and the material separator reliably sorts foil waste, paper, cardboard, coarse wood or waste from the supply airflow. The material is discharged from the filter and disposal processes can be automated.



Control air flows of 75.000 m³/h and above with material separators.



"Every PMA material separator is a robust sorting system with excellent fine-tuning."

Holger Rottmann
Design Engineer

[Perfect shredding]

Automate disposal processes with shredding.

Think small and produce big results. Shredders made by Höcker.

Process waste limits the amount of storage space available, it results in high labour costs and it is often difficult to transport. Shredders are an excellent waste disposal solution, which very quickly counteract these problems and give high returns.

Höcker Polytechnik high-performance shredders are in use worldwide in the print, paper, corrugated paper, cardboard and wood processing industries.

Höcker Polytechnik shredders automatically or manually shred bulky sheet material, tough cardboard rolls, scrap from stamping processes, gripper margins, wood strips and much more. Shredding simplifies transportation and any subsequent recycling processes.

Each Höcker Polytechnik shredder is customised to suit each specific area of use and is an integral component of modern disposal systems.



**Shredders automate the disposal process.
Stationary or directly on the machine.**



"100% focus on your production. Your process waste is shredded by our shredders 24/7 and automatically."

Carsten Holldack
Head of Printing, Packaging
and Recycling



[We save energy]

Reduce energy consumption by 60 or more percent with a cleverly programmed plant control system.

Supercharged returns on your investment. Enjoy low energy consumption with the same high levels of performance. Energy efficiency made by Höcker Polytechnik.

Save energy and electricity in a targeted way. The responsible use of the Earth's valuable resources is one of Höcker Polytechnik's core values.

Our technicians who work in product design, research and development and systems engineering develop highly efficient solutions for our customers. This enables us to deliver the performance you require with the highest levels of efficiency.

Intelligently programmed PLC control systems combined with FU regulated fans, automated slide gate valves and a multitude of additional components that increase efficiency make Höcker Polytechnik systems high performing energy savers. Electricity savings and reduced heating costs benefit both you and the environment.



Our technologies reduce your energy costs by up to 60 percent.



"Our control technology refinements always pay off for our customers."

Heiner Kleine-Wechelmann
Head of Sales, Wood, Plastic and Metal

[We are listening to you]

For the success of any project, results-oriented communication is crucial. From the very first minute.

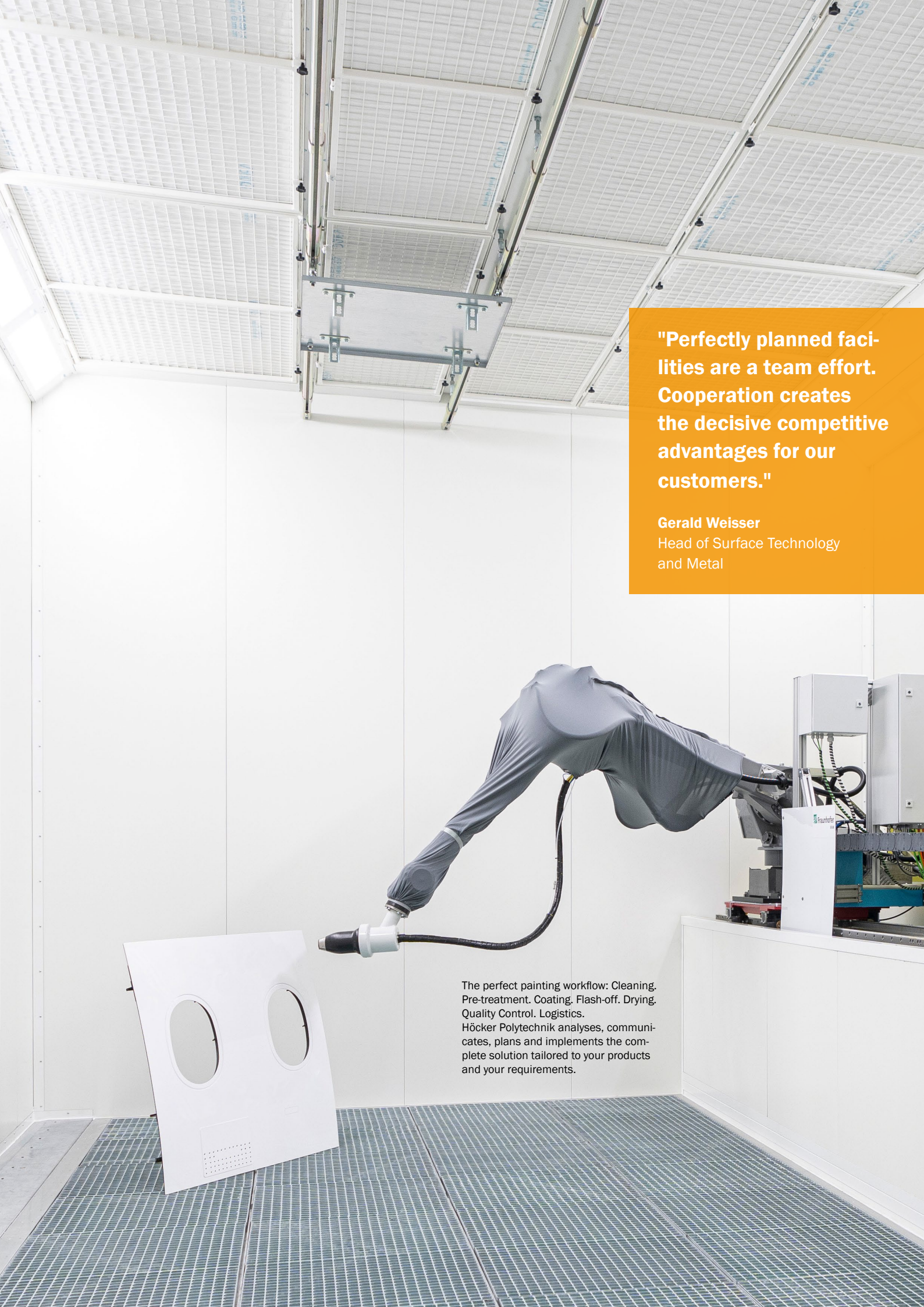
Properly planned, a Höcker Polytechnik system can support the strategic demands of your company. We do everything we can to help you perfect your corporate strategy. This is precisely why discussions with you are particularly valuable and important to us.

Our project managers are cross-industry experts. They know their customers' production processes and, of course, the demands on perfectly organised processes in manufacturing. However, only you know the most important thing: Your wishes, priorities and the resulting strategic decisions. For today. For tomorrow. And for the future.

Only you know where you want to take your company. So we listen to you carefully, ask the right questions and will support you in your further development. Fairly and with all our competences.



Only open communication leads to success.



"Perfectly planned facilities are a team effort. Cooperation creates the decisive competitive advantages for our customers."

Gerald Weisser
Head of Surface Technology
and Metal

The perfect painting workflow: Cleaning. Pre-treatment. Coating. Flash-off. Drying. Quality Control. Logistics. Höcker Polytechnik analyses, communicates, plans and implements the complete solution tailored to your products and your requirements.

[100% control cabinet construction]

**Reduce energy consumption and increase productivity.
The controls make it possible for you!**

They make sure that everything that happens doesn't just happen, but happens with reason and as a result of an event - our controls and control cabinets!

Our electrical engineering maps the complex processes of every Höcker system in the PLC, with modern control components in the control cabinet and also by means of network or cloud connection.

Just like the programming, our control cabinet construction also lives from the know-how of our employees. A great deal of knowledge has been and continues to be invested here, experience is expanded and the technology is also optimal.

The magic in our control cabinets is provided by the consistent use of high-quality brand products, the processing of control cabinets with our 4-axis milling machine, the implementation of UL 508a/CSA 22.2 standards for the North American market and, of course, the decades of experience of our planning and PLC programming.



**Top planned, wired and
easy to operate.**

[Acting sustainably]

Environment, people and the future are not just phrases for us. It is in our DNA.

We have been supporting our customers with a spirit of innovation since 1962. Since then, the Höcker management and all employees have been committed to more sustainability in their everyday work.

For us, living and working sustainably means buying from local suppliers wherever possible, conserving resources, avoiding waste and actively protecting the environment.

For us, humanity is also part of living sustainability. As a company, we are committed to future-oriented, healthy and fair jobs. In addition, we promote the strengths of our employees through further education and training programmes.

The best energy is and remains that which is not used. Our office buildings are low-energy houses. We have been expanding our solar park since 2015, generally only buy green electricity and only use gas with CO₂ compensation.

We are active locally. We support local associations and organisations. That, too, is sustainability in action.



Lisa Marie Höcker

Each team member is a professional and together we make a top team.

200 dedicated employees at the Höcker Polytechnik headquarters in Hilter a.T.W. ensure that all processes run smoothly over the course of a project and that customer requirements are fully met. Our staff are industry experts who understand all of our products inside out. We are at your side with all our expertise and innovative strength. That's a promise!

Design and Construction

With professional tools like Solid Edge, We design products that create tangible added value for you. Precisely and functionally.



"Seeing how our designs are implemented in production is always a pleasure."

Tim Krämer
Design engineer

Service

We are there for you. Gladly, out of conviction and especially also after commissioning.

"We are there for our customers. Quickly and without complications."

Assha Möller
Export processing



"Very good order processing is important for the success of the projects."

Jana Wittenbrink
Project assistant

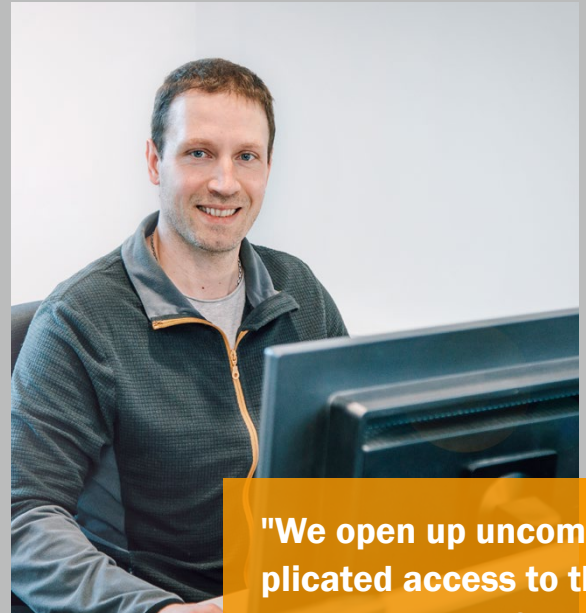
Project processing

A contact person accompanies you during all phases of your project.



Installation and Service

When it comes to assembly and service assignments, we are optimally prepared and implement complex installations smoothly. Our assembly teams are the professionals on site and our electrical engineering supports you via remote maintenance.



"We open up uncomplicated access to the control system for you through intuitively operable interfaces."

Dimitri Feil
Electrical technician



"We are continuously optimising our processes and employee satisfaction increases in line with improvements in product quality."

Nico Thomas
Quality Manager

Quality Management

Höcker Polytechnik is an ISO 9001 certified company. We are continuously striving to improve our processes on a daily basis and consistently implement the requirements of ISO certification.

Production and Logistics

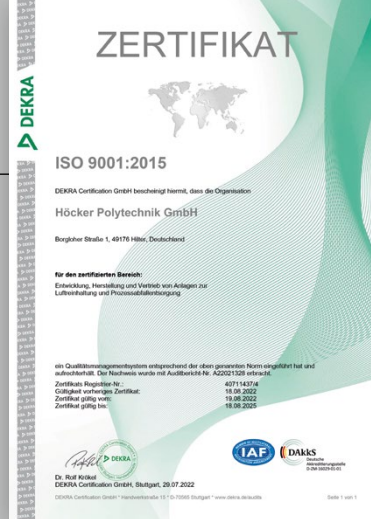
Each of our products must be first-class. We are skilled and experienced in our craftsmanship, our machinery is modern and our logistics processes are optimised. We implement our quality demands without compromise.

"Adherence to delivery dates and product quality are a matter of course for us"

Achim Kinzig
Production Supervisor

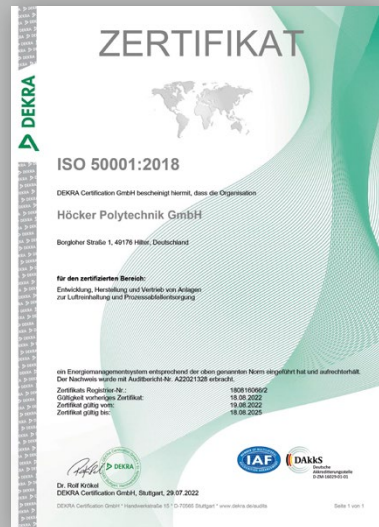
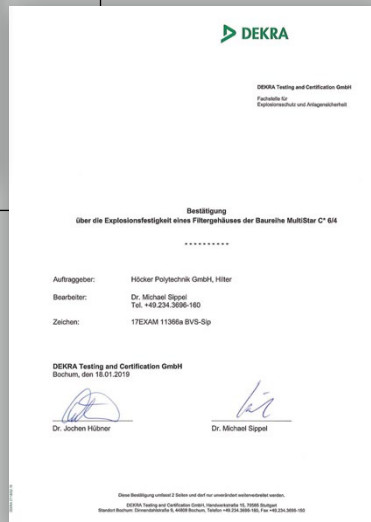


Quality management



DGUV approved products

EX protected products



Energy management

We have all the necessary certifications to ensure that we comply with quality, energy management and safety requirements.

Quality and safety certification is invaluable and we are pleased that we hold all the certifications that are required. We ensure that we fulfil all our obligations on a daily basis with commitment and energy.

All of these certificates ultimately demonstrate that your decision to choose a Höcker solution means that you can rest assured that you will receive the best possible quality with the maximum level of safety.

ISO 9001 quality management system

We have full control over all the processes within our company and continuously strive to perfect them. We have been operating in compliance with ISO 9001 guidelines since 2011.

Quality assurance

The quality of our products is regularly reviewed and optimised.

Energy management

Our energy management system was certified to the ISO 50001 standard in 2016. Our customers are of course also able to reap the benefits generated from our sophisticated control solutions.

DGUV tested products

Our dedusters are continuously DGUV tested and can be easily integrated into operational areas (residual dust content of $<0.1 \text{ mg/m}^3$).

Explosion protected products

The pressure shock resistance of our MultiStar filter systems, Vacuumobile de-dusters and rotary valves has been officially tested and validated.

EW90 – proven fire safety

Our MultiStar filter systems, rotary valves and swing check valves have been successfully fire safety tested.

Please do not hesitate to contact us, if you have any further questions. We would be delighted to assist you.



EW90 fire safety certification



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