



**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. Höcker Polytechnik products have been exceeding customer expectations for 55 years as they are highly innovative, perform to exceptionally high standards and achieve a rapid return on investment.

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 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.**

### FACTS AND FIGURES

- Owner-managed company
- 55,000 installations worldwide over 55 years
- 280 employees (including subsidiaries) and 26 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
- Quality management system certified to ISO 9001
- Energy management system certified to ISO 50001

### 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



Höcker Polytechnik's management team:  
Christian Vennemann, Frank Höcker (right).



# 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.

1970



**1968 Technology**  
Cyclones are standard and issues such as health and safety are becoming increasingly important.

.....

1980



**1979 Worldwide**  
One of the first assembly assignments abroad.



**1973 Company celebrations**  
Günther Höcker drives forward advertising and Höcker Polytechnik GmbH gains international recognition.



**1989 Merger**  
Presto GmbH & Co. KG is incorporated into the Höcker Group and is now one of Europe's leading container compactor manufacturers.

1990



**1985 Patent**  
Höcker's material separator is granted a European patent.



**1991 The next generation takes the reins**  
Founder Günther Höcker hands over managerial responsibilities to Christian Vennemann and Heiner Kleine-Wechselmann.

**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 7,500 sales since its launch.



**1993 Management**  
Frank Höcker becomes Chairman of the executive board.



**1999 PMA**  
More than 2,000 of our patented PMA material separators currently separate coarse and fine materials.

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 2,000 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



**2012 New logistics centre/company anniversary**  
The new logistics centre is inaugurated and Höcker Polytechnik celebrates 50 years in business.



**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.



**2015 Sustainability**  
The new solar power station on the roof of the manufacturing plant generated 231.420 kWh of electricity during 2016.



**2017 New laser centre**  
The new laser centre in Plant II is inaugurated.



- 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.**

55,000 Höcker Polytechnik systems are in use worldwide.  
**Our Products**

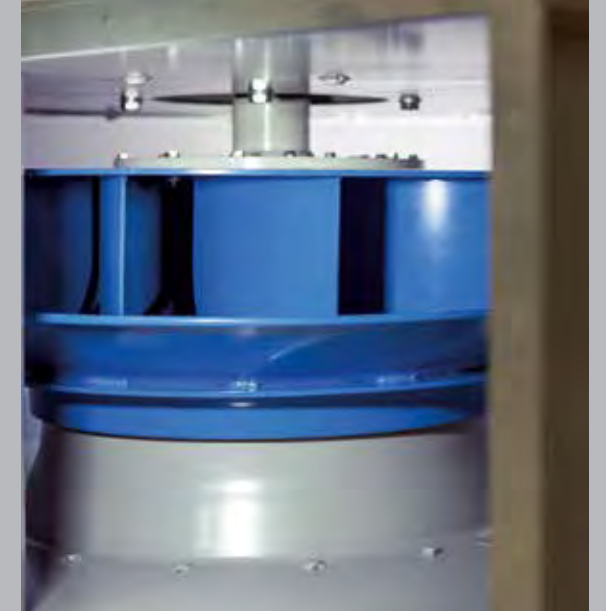
- de-dust workshops and production plants
  - make briquettes from dust and chippings
  - shred process waste
  - transport process waste
  - optimise painting operations
  - create optimum working conditions
- and facilitate maximum productivity with minimum energy consumption.

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, chip-pings 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.







## Painting Systems

### Hats off! 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. As they can be used very flexibly in a number of different ways and the fact that they come in a range of different versions means that they can be positioned anywhere it is not cost effective to use of a large filter system or where smaller-scale solutions have been struggling to cope.

The Vacumobile series produce a volume flow of up to 8,000 m³/h and handle dust via different discharge systems, e.g. collection bins, briquetting presses or rotary valves.



## PaintStar Spraying Walls

### Reliably suction any overspray

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 method and the huge range of potential applications make our PMAs highly efficient workhorses in the prefiltering stage.

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 m<sup>3</sup>/h and above with material separators.**

**"Each PMA material separator is a robust workhorse which has been fine tuned to perfection"**

**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.**

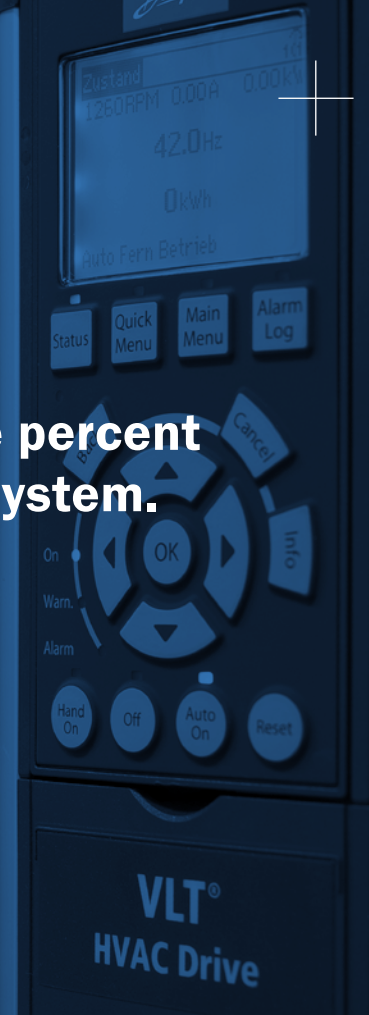
**"Our shredders enable bulky process waste to be integrated into the waste management cycle, which saves both time and money."**

**Diethard Beutel**  
Head of Sales, Paper 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.**

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.

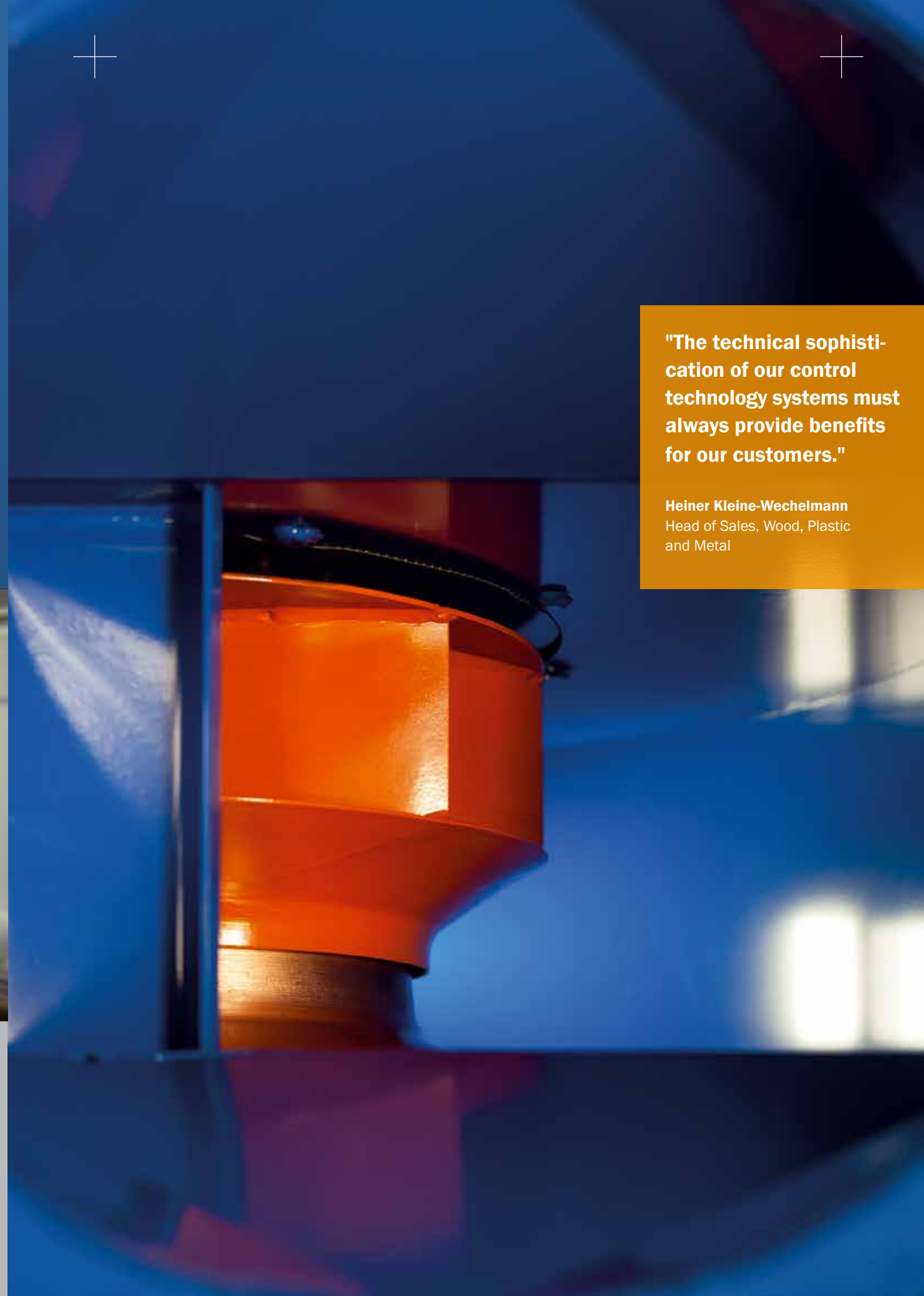
Intelligently programmed PLC control systems combined with FU regulated fans, automated slide gate valves and a multitude of additional components that increase efficiency make Höcker Polytechnik systems high performing energy savers. Electricity savings and reduced heating costs benefit both you and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



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

**"The technical sophistication of our control technology systems must always provide benefits for our customers."**

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



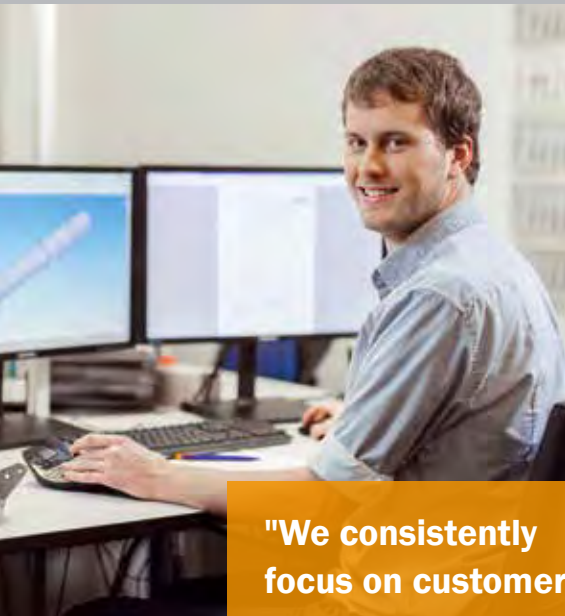


# Each team member is a professional and together we make a top team.

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 committed to working closely with you, along with other professional partners, to deliver innovative solutions for the wood, paint, paper or recycling industry. This is our promise!

## Design and Construction

We use professional tools such as Solid Edge to design products, which provide our customers significant added value. Our solutions are both precise and functional.



**"We consistently focus on customer benefits."**

**Niklas Kirsch**  
Designer

## Production and Logistics

We ensure that each and every one of our products is top quality. Our employees have high levels of technical expertise and are very experienced. Our facilities are equipped with modern machinery and our we have optimised all of our logistics processes. We relentlessly ensure that we uphold the very high quality standards that we have set ourselves.



**"Asking the right questions right from the outset ensures that the project is implemented very smoothly."**

**Marco Görlich**  
Project Manager

## Project Management

We are a professional partner who coordinates all the different stages and components of the project and who supports you throughout the whole process.



**"It is taken as a given that we will adhere to our deadlines and deliver high quality products."**

**Achim Kinzig**  
Production Supervisor

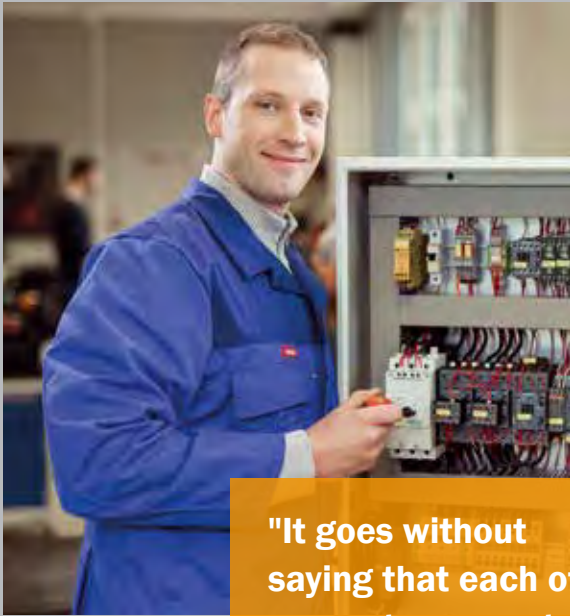


**"We are continuously optimising our processes and employee satisfaction increases in line with improvements in product quality."**

**Nico Thomas**  
Quality Manager

## Installation and Service

Our engineers and technicians are optimally trained and ensure that complex installations are implemented extremely smoothly. Our installation teams provide a professional on-site service.



**"It goes without saying that each of our systems must be 100 per cent functional."**

**Dimitri Feil**  
Electrotechnician

## 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.

## Service

One of our core values is to provide the best possible service and we are always on hand to support you throughout the implementation process and particularly after commissioning. Our service team provides friendly and professional support.

**"Providing fast and uncomplicated customer service is part of our DNA."**

**Assha Mehmood**  
Service Department





## Energy management



## GS tested safety mark



**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.

## Quality management



## DGUV approved products



## Ex-tested products



## EW90 fire safety certification

## 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 mg/m³).

## GS tested safety mark

Our products must be safe for the user to handle, which is why many Höcker products are GS tested.

## Explosion protected products

The pressure shock resistance of our MultiStar filter systems, Vacumobile 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.**





**HÖCKER POLYTECHNIK GmbH**  
Borgloher Straße 1  
49176 Hilter a.T.W.  
Germany

fon +49 5409 405-0  
mail [info@hpt.net](mailto:info@hpt.net)



[www.hoecker-polytechnik.com](http://www.hoecker-polytechnik.com)

**HÖCKER<sup>®</sup>**  
**POLYTECHNIK**

**Always one idea ahead**

