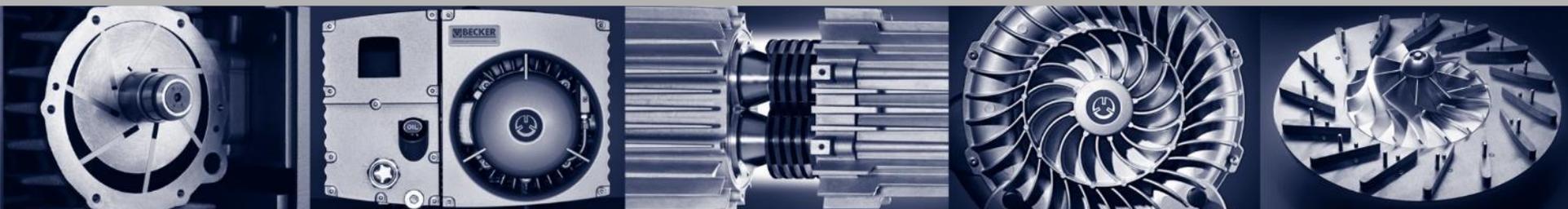




## Gebr. Becker GmbH

Medium-sized, family owned business in the 4<sup>th</sup> generation



# FACTS & FIGURES



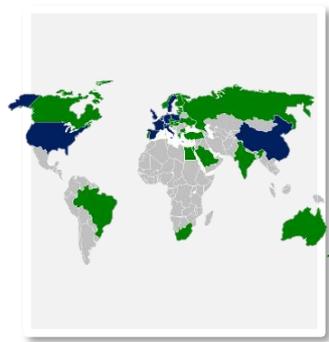
**1885**  
Foundation



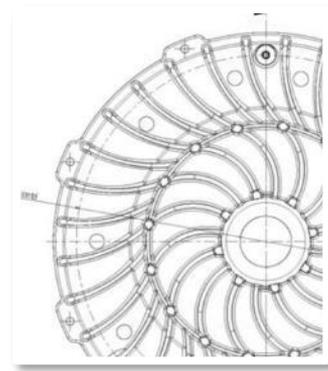
**165**  
m€ turnover



**850**  
Employees



**16**  
Subsidiaries



**6,5**  
% R&D invest

# HISTORY



1885 The bros. Robert and Otto Becker founded Gebr. Becker and produce machines for the Wuppertal-based textile industry



1953 Presentation of the first 100% oil-free operating combined Rotary Vane Pump worldwide designed for the feeder of Printing Presses



1971 Opening of the today's HQ (production and administrative center) in Wuppertal



1978 First Becker Radial Blower introduced to the market to be used for the gas circulation in CO<sub>2</sub> lasers



1998 Development of VADS screw vacuum pumps and compressors without transmission gearbox



2008 Opening of production site Shanghai (China) with assembly, since 2015 complete production procedures



1915

Otto Becker jun. concentrates on the production of compressed air and vacuum pumps



1962

Becker is developing the technology of the side-channel blower at the same time as Siemens



1975

The first foreign subsidiary is established in the USA to start the inter-national growth



1996

Delivery of the first newly developed VARI AIR system (VAS), with intelligent drive electronics



2000

Opening of production site in Apolda (Thuringia) and extension in 2016



# PRODUCTION SITES

## Wuppertal



Opening: 1971  
Employees\*: 370  
Area: 13.000 m<sup>2</sup>

Product groups:

- Screw Compressors & Vacuum Pumps
- Oil lubricated and dry running Rotary Vane Pumps
- Gas-tight Blowers
- Systems

## Apolda



Opening: 2000  
Employees": 130  
Area: 7.000 m<sup>2</sup>

Product groups:

- Side Channel Blowers
- Dry running Rotary Vane Pumps

## Shanghai



Opening: 2008  
Employees\*: 41  
Area: 8.700 m<sup>2</sup>

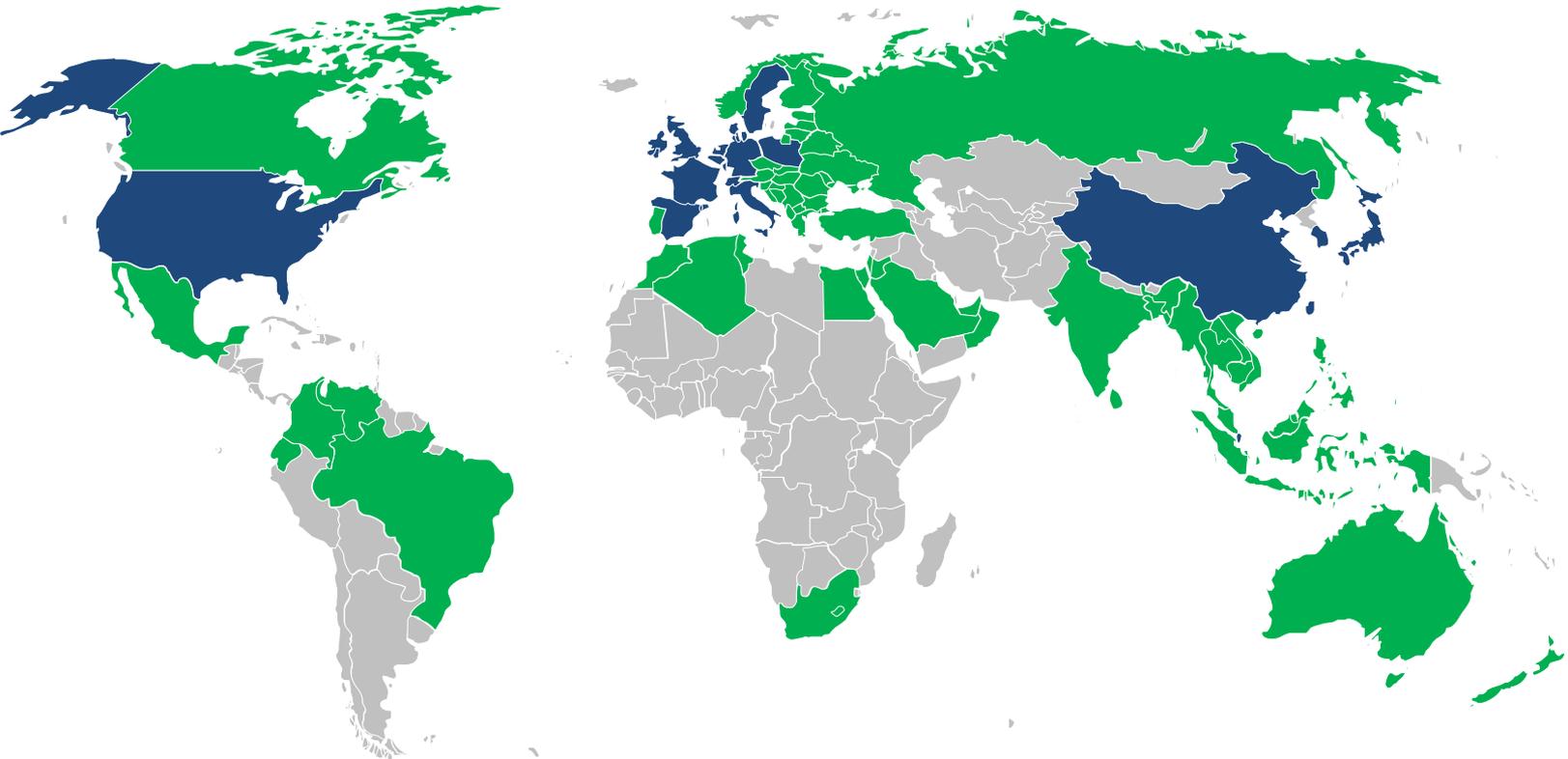
Product groups :

- Dry running Rotary Vane Pumps

**approx. 120.000 devices & systems annually**

\*all employee information including production, administration and sales

# BECKER WORLDWIDE



**16**  
Companies

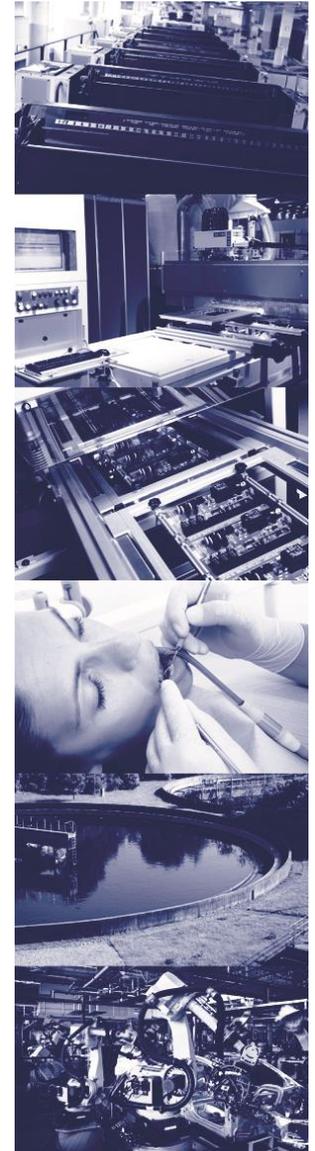
**850**  
Employees

**40**  
Representations

**80**  
% Export Ratio

# MARKETS

- **Packaging industry**
- **Woodworking industry**
- **Electronics industry**
- **Medical equipment**
- **Laser Technology**
- **Additive Manufacturing**
- **Printing and paper industry**
- **Environmental engineering**
- **Construction machinery**
- **Robotics / Lifting Devices**
- **General engineering**



# APPLICATIONS



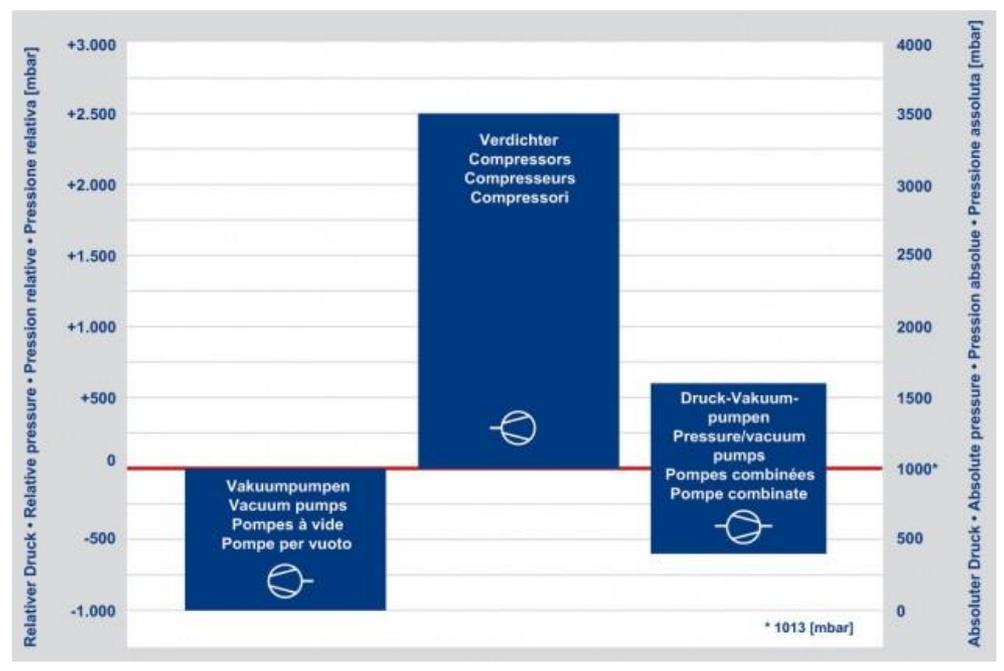
# PRODUCTS

## Displacement pumps

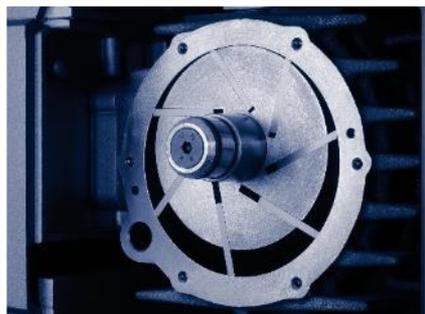
- Dry running and oil lubricated rotary vane Vacuum Pumps & Compressors
- Screw Vacuum Pumps & Compressors

## Turbo dynamic pumps

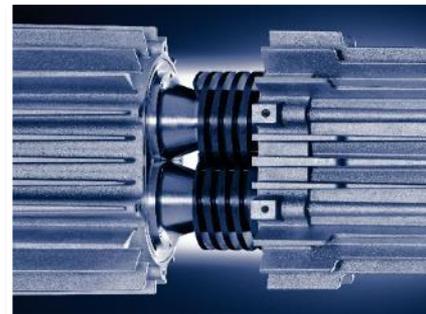
- Side Channel Vacuum Pumps & Blowers
- Radial Blowers



Rotary Vane Pump



Screw Pump



Side Channel Blower

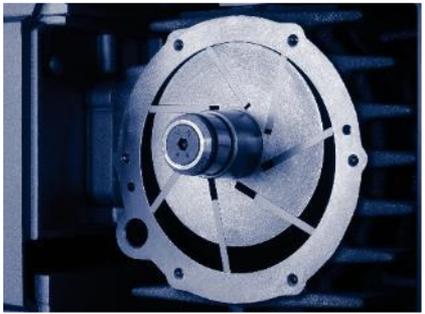


Radial Blower



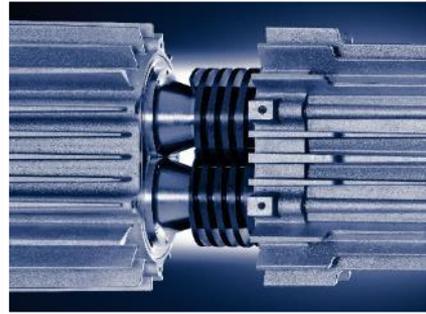
# PRODUCTS

## Rotary Vane Pumps



In a cylindrical housing, an eccentrically mounted rotor rotates with slots in which precise vanes move and the individual working chambers separate from one another.

## Screw Pumps



Direct drive via an integrated frequency inverter eliminates the previously required drive gearbox. The working area of the units is 100% oil-free. The integrated speed control allows an energy-optimized adaptation of the devices depending on the actual requirement.

## Side Channel Blowers



Side channel blowers generate pulsation-free suction or blown air. The separation of the compression spaces on both sides of the impeller allows both a one-stage, two-flow or two-stage, influential operation with only one impeller.

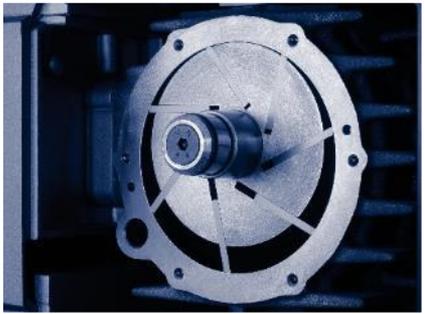
## Radial Blowers



Radial blowers achieve high delivery volumes with low pulsation. The volume flow can be adapted precisely to the customer's requirements via the frequency inverter integrated into the motor.

# PRODUCTS

## Rotary Vane Pumps



T 4.x

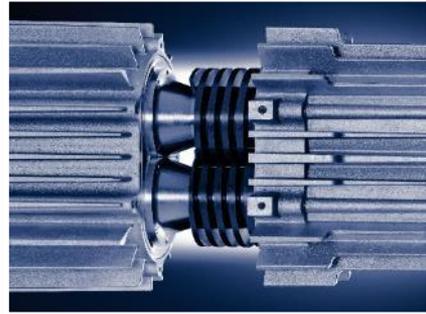


TLF2.x



U 5.x oil lubricated

## Screw Pumps



**VARIair**  
DIRECT SCREW



VADS 250



VADS 1500

## Side Channel Blowers



SV x

**VARIair**  
UNIT

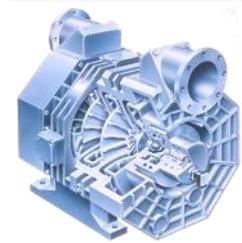


VASF



SV x Variair

## Radial Blowers



RV multi-stage, water-cooled



RV air



# PRODUCTS

## Systems & Central Vacuum / Blast-air Supply Systems

Systems for the demand-oriented and energy-efficient generation of vacuum and blast-air



**VARIair**  
CENTRAL SYSTEM

# SERVICE



### We are personal.

Our after sales has a face - and lots of open ears for your requirements and suggestions.



### We are close.

With 16 subsidiaries worldwide and 30 representations, we are there for you - where and when you need us.



### We are qualified.

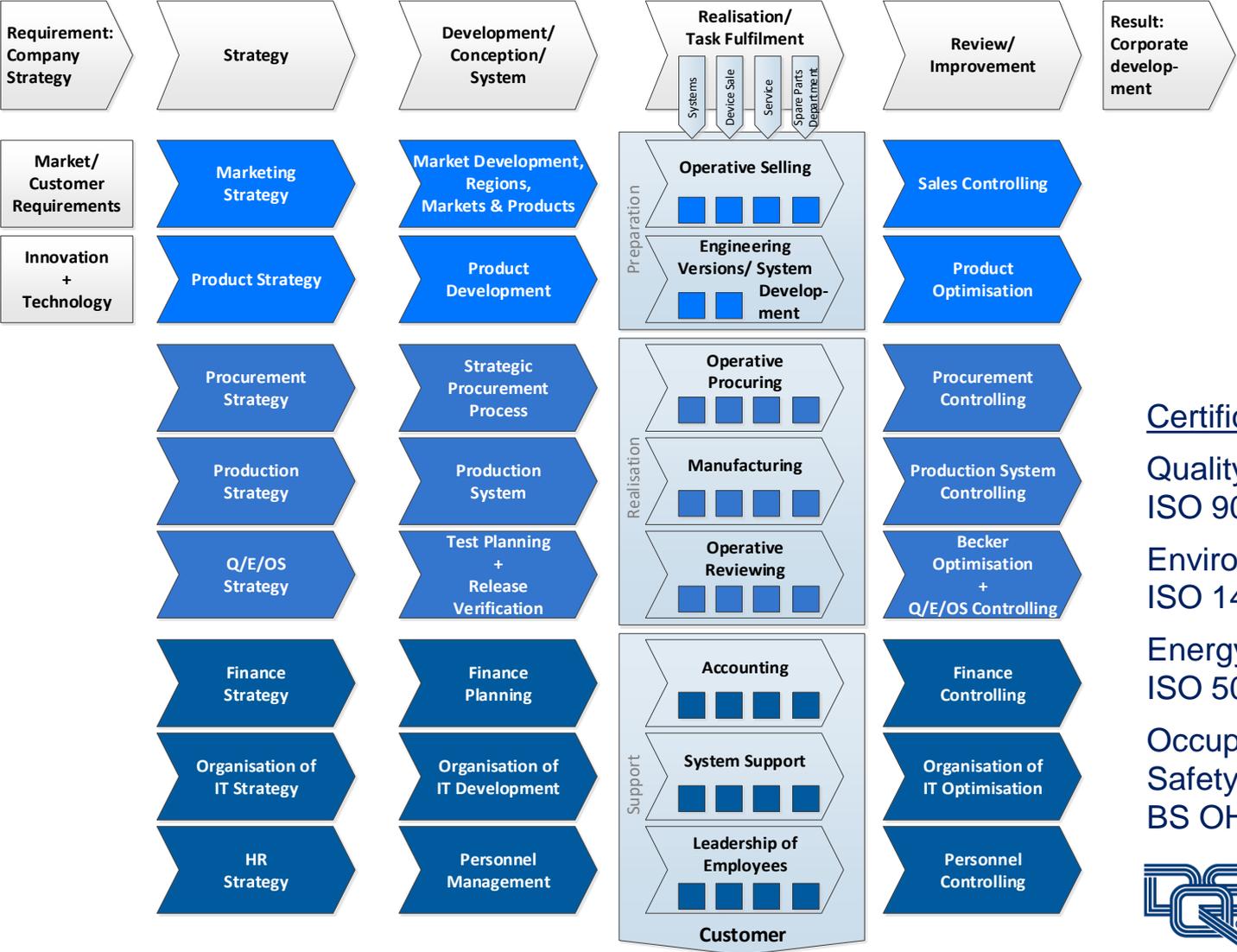
Our service technicians are involved in the entire product lifecycle - you profit from expertise and comprehensive product know-how.



### We are proven.

Becker original parts guarantee long-lasting Becker units and minimize your maintenance costs, since your satisfaction is our top priority - and this has been the case for more than 130 years.

# INTEGRATED MANAGEMENT SYSTEM



Certifications:

Quality Management  
ISO 9001 : 2015

Environmental Management  
ISO 14001 : 2015

Energy Management  
ISO 50001 : 2011

Occupational Health and  
Safety Management  
BS OHSAS 18001 : 2007



# PRINCIPLES

## Quality

Our customers are the yardstick for the quality of our products and services. This is why we commit to continuous development of our products and processes – to meet individual customer requirements and ensure our customers are satisfied.

## Environment & Energy

For BECKER, the environment and energy are two key cornerstones. We consider sustainable use of resources across the entire product life-cycle and accordingly endorse obtainment of energy-efficient products designed to improve energy-related performance.

## Occupational health and safety

We commit to the health and safety of our customers and our workforce. Accident-free handling of our products, safe conduct of our personnel in their work environment and responsible handling of data are key elements of BECKER's mission.

# QUALITY

## Suppliers

Suppliers supply raw materials and finished parts that significantly affect the quality of our final product.  
At BECKER, only qualified suppliers get a shot. Our supplier assessment evaluates quality and allows us to take efficient action where necessary.

## Employees

Employees are the key to fault-free products. Our zero-fault principle demands of each employee to participate responsibly in establishing flawless product quality. Whenever a fault is identified, everyone helps to eliminate it permanently.

## ISO 9001

We continuously and permanently improve our:

- early fault detection and implementation of prevention measures
- advancement of products and processes, including suppliers
- work results quality

# EMPLOYER

## Flexibility

- “Time / Value accounts” for our employees
- Flexible working time without “core time”
- Home office jobs

## Health

- Corporate Sports Programmes
- Health Weeks
- Job Bikes
- Ergonomic Workstations and Workplaces

## Further education

- Approx. 200 K€ for Further Education
- Cooperation with Universities
- Internal Training System

## Education

- 32 trainees
- Industrial Economics
- Industrial Mechanics / Mechatronics
- Cutting Mechanics
- Machinery & Equipment Operators
- Collaboration with Universities of applied sciences

## Motivation

- Performance Related Salary-Programmes
- Profit participation
- "Becker Card"
- Support of Private Retirement Fonds
- Promotion of women
- Help in Family Emergencies
- Cultural Diversity within the Group
- Interdisciplinary Project Work

*OUR MISSION*

**Inspiring people  
with best in class vacuum solutions  
based upon solid family values  
– for more than 130 years.**

## Imprint

### **editor**

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Hölker Feld 29-31  
42279 Wuppertal  
Germany

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