HEAVY DUTY CENTRIFUGAL FANS

MOVING AIR. SAVING ENERGY.

March, 2025

Company Portrait

History of POLLRICH

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1906

The beginning of a success story

Originally founded under the name ‚Fabrik für Entstaubungs- und Lüftungstechnik', the company was founded in Düsseldorf in 1906.

1922

Paul POLLRICH & Co. GmbH

The company changed ist name in 1922 and has been inextricably linked with the name POLLRICH ever since. It has always stood for high efficiency and quality.

1955

Progress in the development

POLLRICH develops the first high-performance centrifugal fan and from then on is known worldwide as a manufacturer and pioneer of centrifugal fans.

1999

POLLRICH Ventilatoren GmbH

In 1999, the company changed ist name again, so that it is already clear from the name what the company is focusing on.

2008

Entry of Top Air AG

The entry of Top Air AG is a cornerstone and marks the beginning of a new era in the company's history.

2016

Expansion of the fan range with products of ROTAMILL

By merging ROTAMILL and POLLRICH into the ROTAMILL Group, POLLRICH gains the ROTAMILL fan program for its own product range.

2018

Processes & Digitalization department

POLLRICH bundles capacities and competences and increases efficiency through conventrated know-how and state-of-the-art technologies.

2023

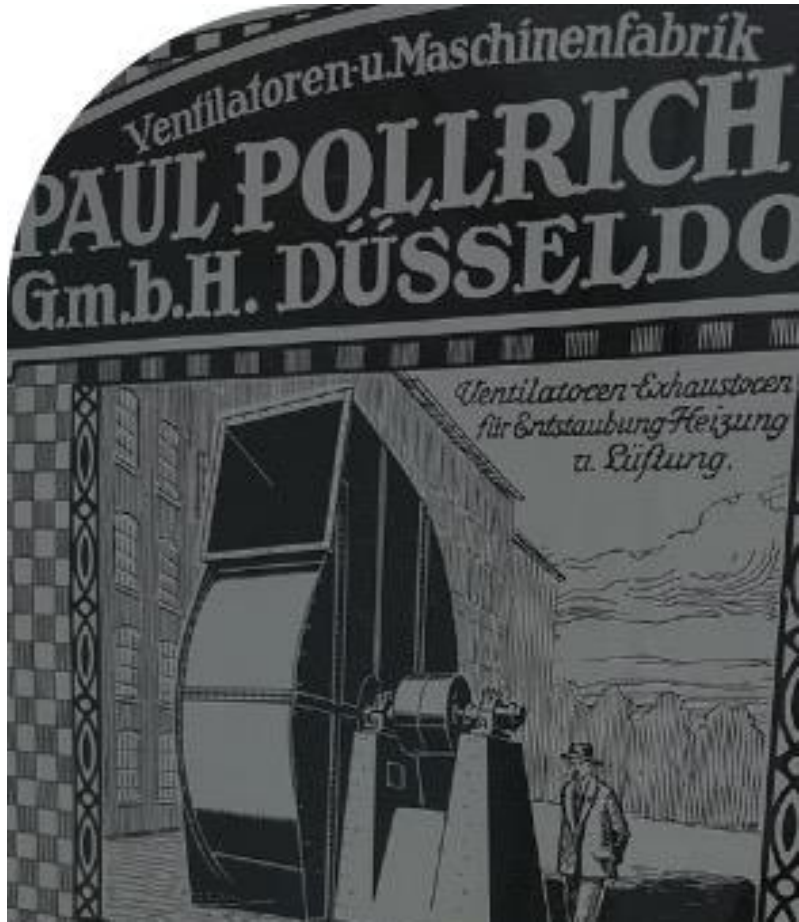
US subsidiary POLLRICH Inc.

In 2023, POLLRICH founded its first branch in the USA with its long-standing sales partner Tony Mackinnon.

Special importance of experience

POLLRICH's many years of experience since 1906 is an essential cornerstone for successful cooperation with our customers.

- Specialized in manufacturing high-quality centrifugal fans
- Fans meet demanding requirements of various industries
- Function perfectly even in complex applications
- Installation and commissioning services available
- Tailored solutions to minimize downtime and maximize efficiency
- Precise adaptability to operational conditions and requirements
- Service ensures smooth operation over the entire fan service life



Company Portrait

Status-Quo of POLLRICH

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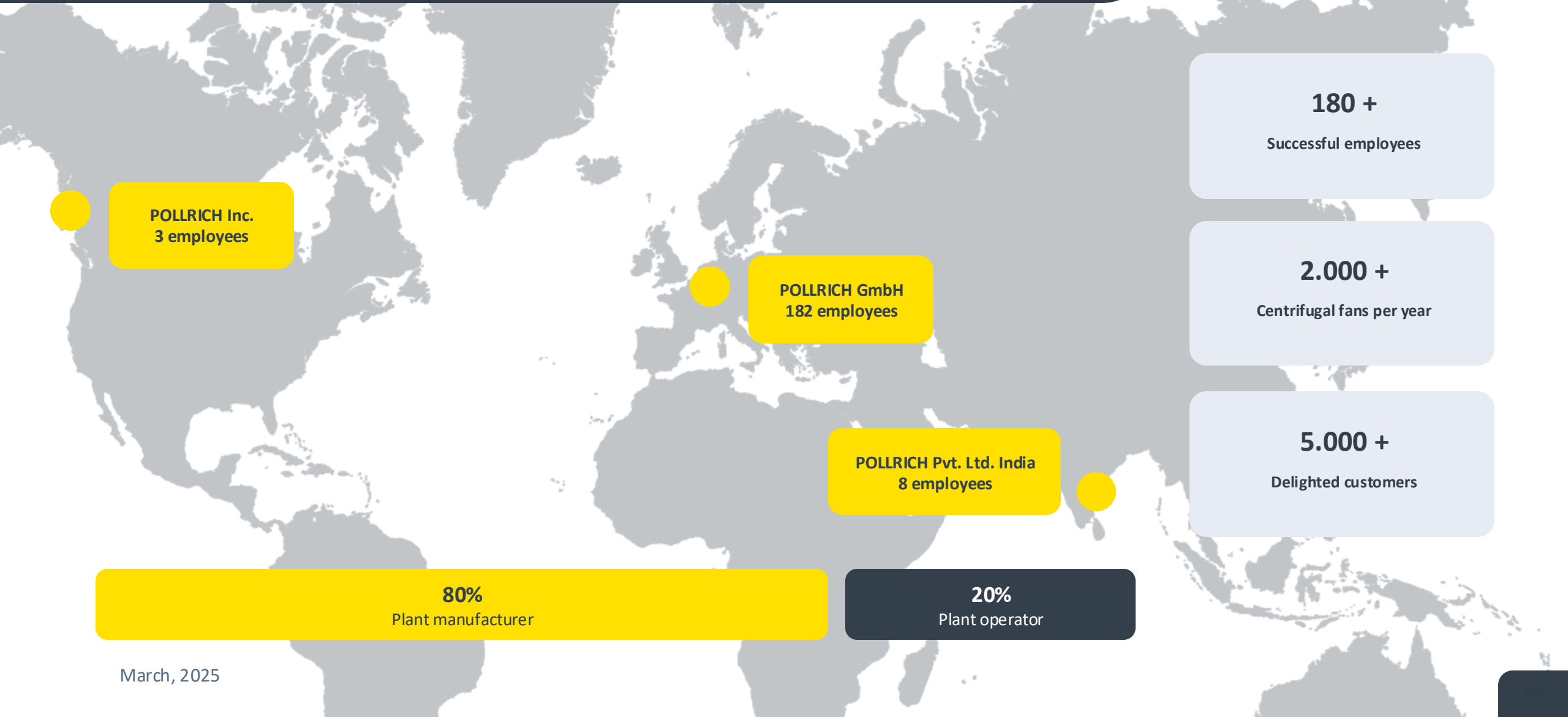

180 +
Successful employees

2.000 +
Centrifugal fans per year

5.000 +
Delighted customers

80%
Plant manufacturer

20%
Plant operator

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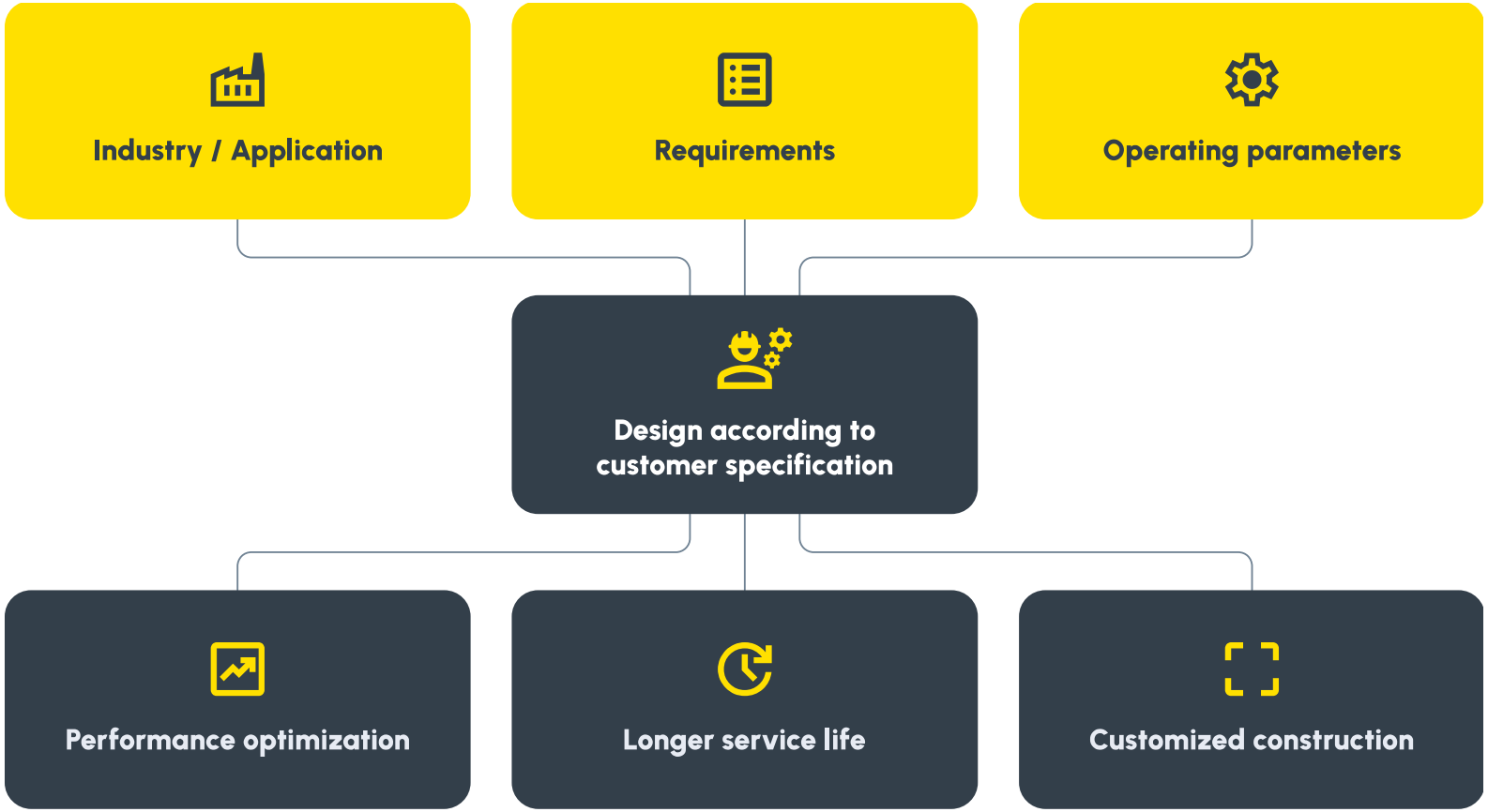
Solution competence



Customized according to customer specifications

POLLRICH centrifugal fans for industrial applications are individually designed, constructed and manufactured according to customer specifications.

As a result, POLLRICH centrifugal fans achieve the optimum operating point in an energy-intensive environ- ment, are more powerful, more reliable, more energy-efficient and ensure cost savings that are clearly noti- ceable over the service life - regardless of which industry the product is intended for or what challenges a project entails.

Company Portrait

Centrifugal fans

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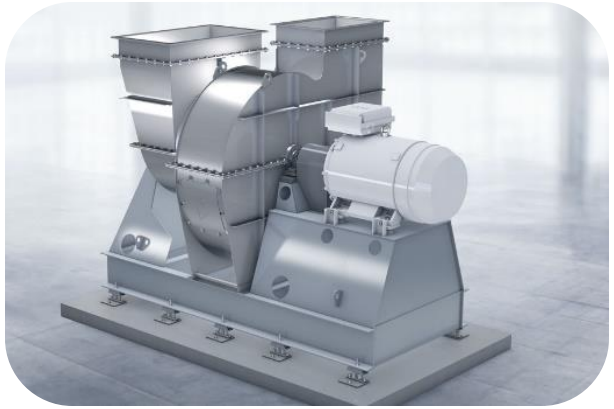
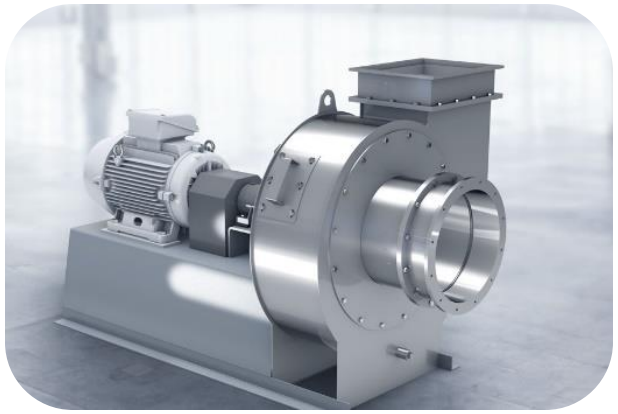
Technical data

Volume flow:	from 350 m^3/h up to 1,900,000 m^3/h (single inlet) up to > 3,800,00 m^3/h (double inlet)
Pressure increase:	up to 440 mbar (single-stage) up to 560 mbar (two-stage)
Impeller diameter:	from 250 mm to 4,000 mm
Circumferential speed:	up to 280 m/s
Temperatures:	from -52 °C to > 850 °C
Drive power:	from < 1 kW to > 6,000 kW





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Impressions

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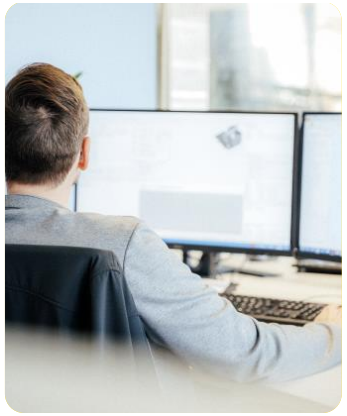
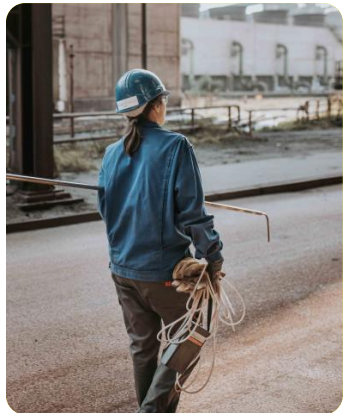
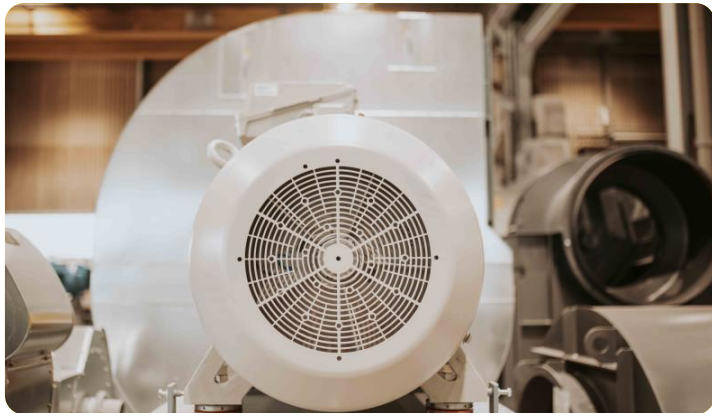



Services

For more than a century, Pollrich has been a reliable partner to the mechanical and plant engineering industry for efficient solutions in process air technology.

A pronounced innovative strength and a passion for developing the best possible product have led to our centrifugal fans leading the way and setting standards in terms of durability, reliability and performance.

- Project & order management
- Assembly & comissioning
- Maintenance & inspection
- Analysis & optimiziation
- Troubleshooting & repair
- Spare parts & fans

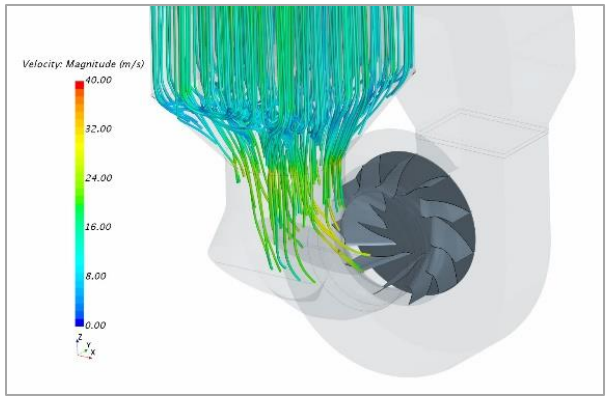
Research and development

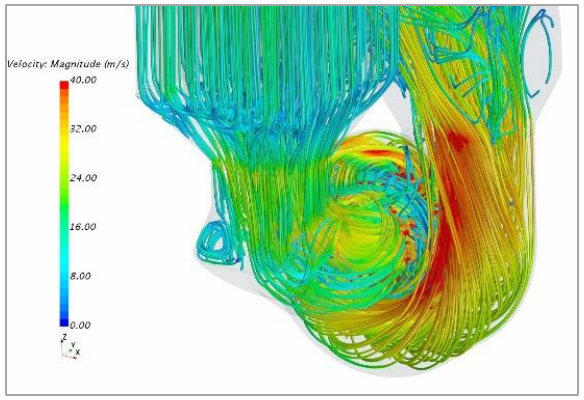
At POLLRICH, we place a strong focus on research and development (R&D) to develop innovative solutions for our customers in the field of fan technology. Our commitment to R&D is deeply rooted in our corporate culture and drives us to constantly look for new ways to improve our products and services.

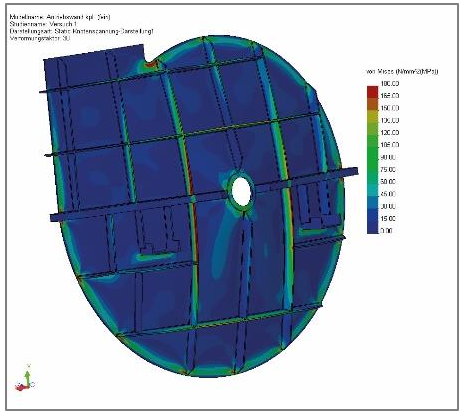
- In-house research and development
- Flow visualization by means of CFD

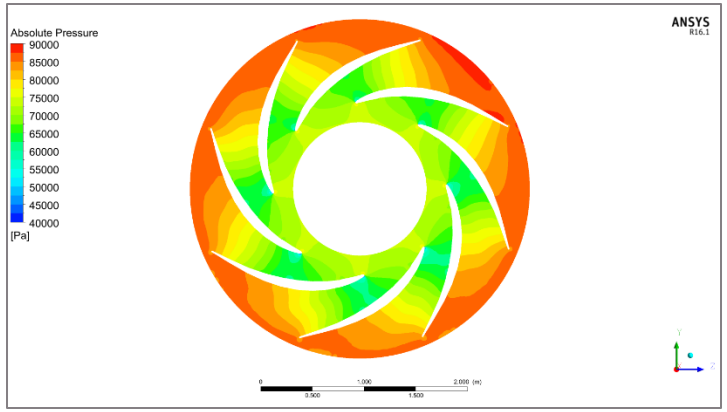
  (Computational Fluid Dynamics)
- Structural mechanics calculations using FEA

  (Finite Elements Analysis)









Approvals and certificates

- DIN EN ISO 9001:2015
- DIN EN 1090-2
- AD2000 data sheet HP0
- EC certificate (ATEX)
- EN ISO 3834-2
- EAC declaration

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References

POLLRICH MOVING AIR. SAVING ENERGY.

BMW · MAN · Audi · Volkswagen

SIEMENS · AEG · BASF · BAYER

AIRBUS · OSRAM · PHOENIX group · THE LINDE GROUP

Thanks for your attention!

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