

PI CERAMIC

Piezo Technology from the PI Group



Pushing Boundaries. Together.

PIEZO
TECHNOLOGY



PI Ceramic
Piezo Technology Competence Center of the PI Group

PI Group Sites Worldwide

Americas

PI USA
North, Middle, South
America

Europe

PI UK
PI France
PI Italy
miCos Iberia
PI Benelux

Germany

PI Karlsruhe
PI Ceramic
PI miCos

Israel



Asia

PI Japan
PI Shanghai
PI Singapore
PI Taiwan
PI Korea
P·G·W



Facts About PI Group

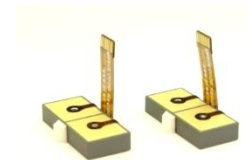
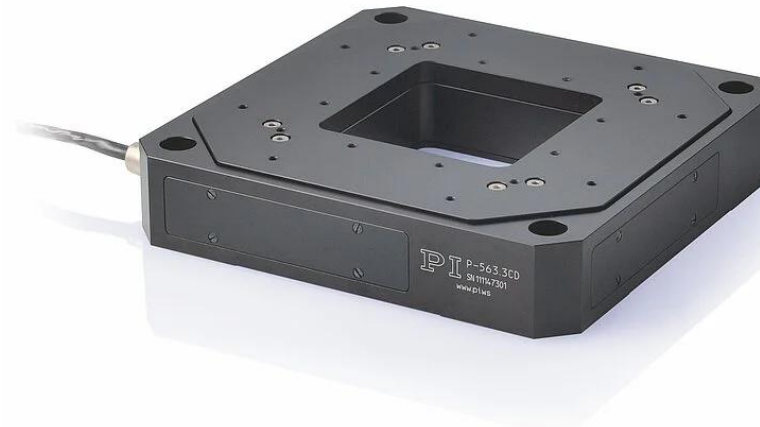
- (Ultra) precise positioning technology
- 1,900 employees
- Revenue of EUR 320 million
- 6 manufacturing sites
- 4 in Germany,
1 in USA, 1 in China
- 18 subsidiaries
- Privately owned company
- More than 40 years of experience in piezo technology
- Continuous history of growth and research

PI Group

World Leader in Piezo-Based Nanopositioning

Facts About PI Group

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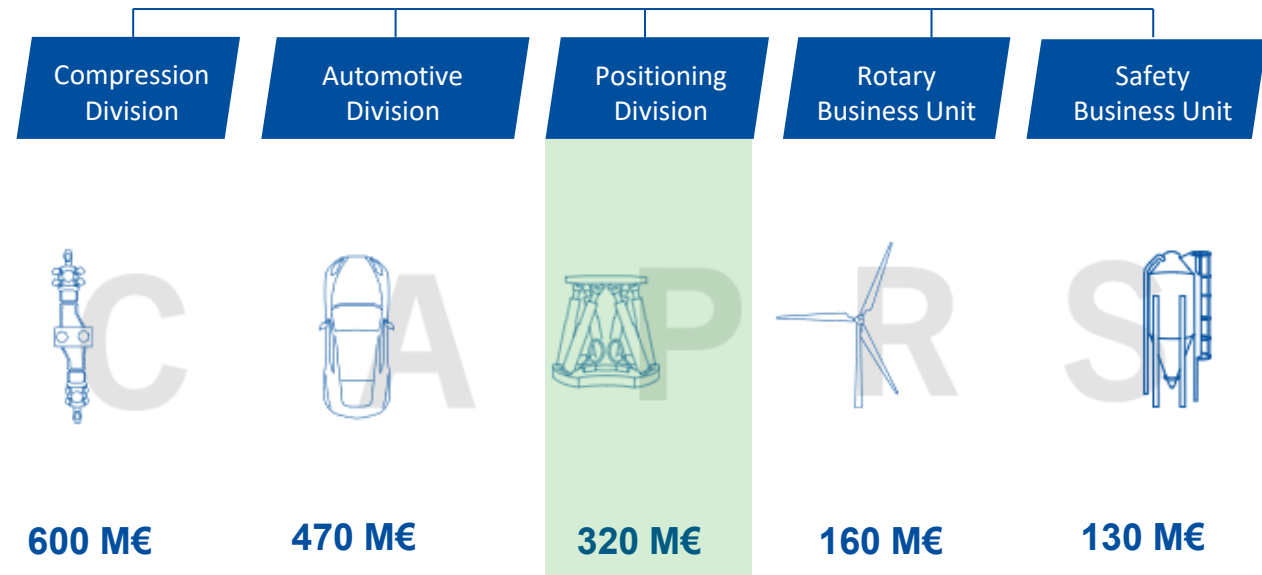


A New Chapter: PI Group Joins HOERBIGER

Facts About HOERBIGER

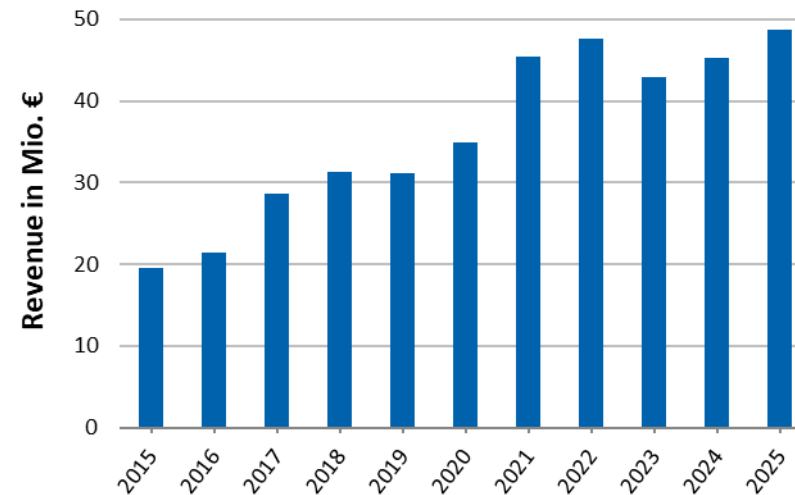
- 8.174 employees
- 1,716 Mrd Euro annual sales
- 137 locations
- 44 countries

- Since April 1st, 2026 the PI Group is a Division of HOERBIGER: A Strong and Value-Driven Technology Group owned by a Swiss Foundation.



PI Ceramic at a Glance

- Site in the center of Europe
- Founded by PI in 1992 with 5 staff members
- Manufacturing of piezoceramic components, assemblies, and transducers
- High-tech customers around the world
- Currently 420 employees; thereof more than 100 engineers
- 20,000 m² manufacturing and office space (2,600 m² cleanrooms)





The PI Competencies

PI

At The Heart of Customer Applications **Our Competencies**



In-depth expertise



Custom designs



Flexible manufacturing



Global presence and stable organization

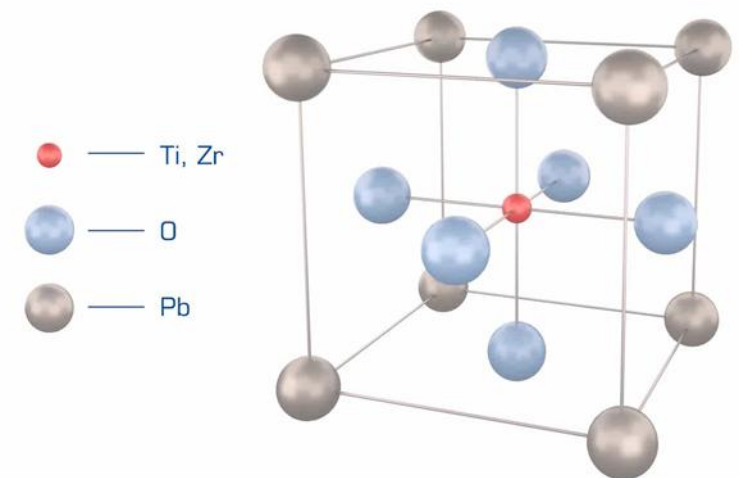


The Piezo Effect

Unique Properties Due to Solid State Electromechanical Conversion

- **Precise** – Picometer resolution
- **Dynamic** – Microsecond response times, generation of ultrasound
- **Powerful** – Kilonewton forces
- **Energy efficient** – Battery-powered applications
- **Compact** – Millimeter dimensions
- **Bi-directional** – Sensors and actuators

PIEZO
TECHNOLOGY





Company Structure

■ Piezo Technology Product Divisions

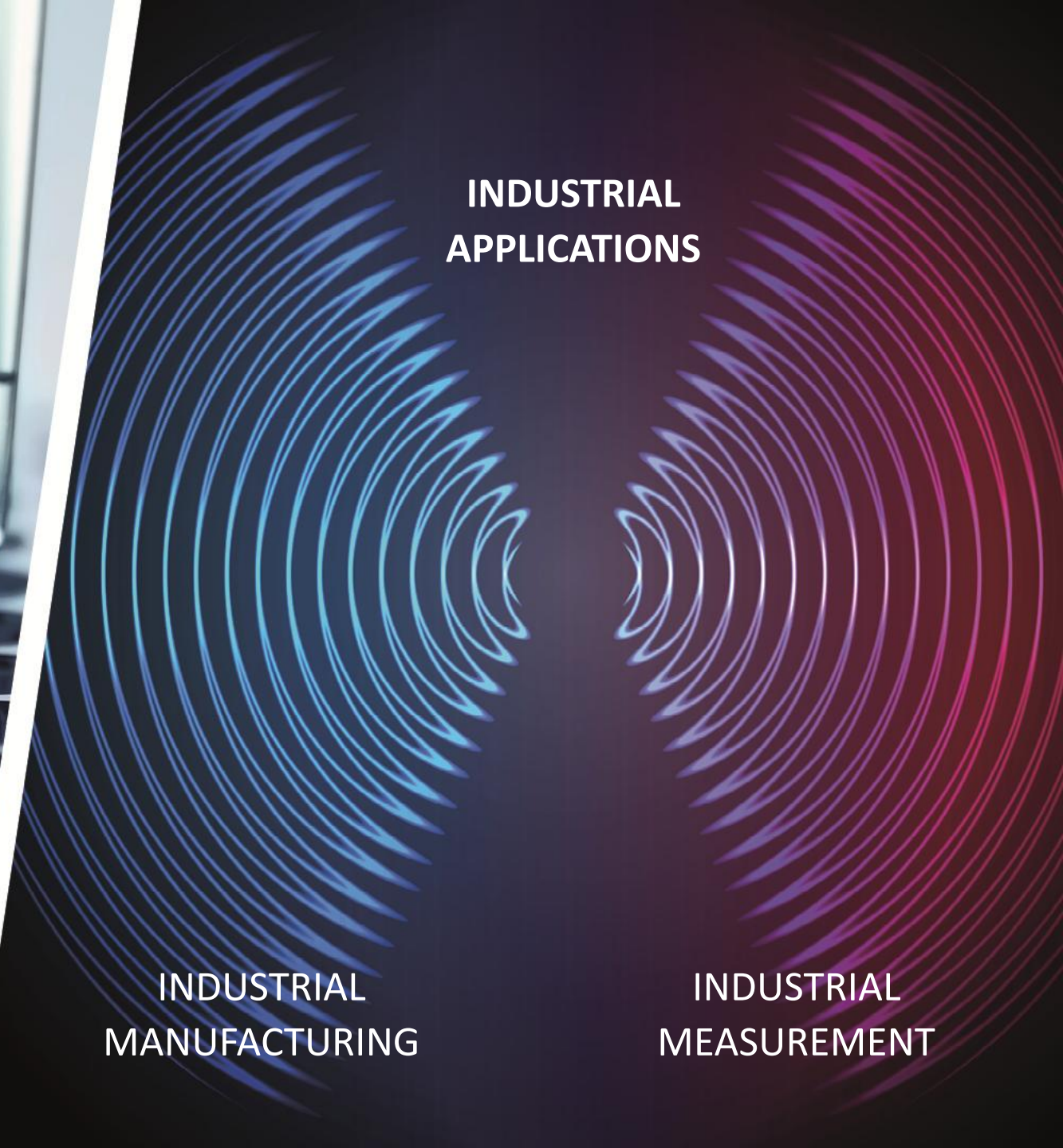
Product Divisions:

- Smaller agile organizational units
- With R&D, Engineering and Manufacturing
- Individual responsibility for the complete product lifecycle





**MEDICAL
TECHNOLOGY**



**INDUSTRIAL
APPLICATIONS**

**INDUSTRIAL
MANUFACTURING**

**INDUSTRIAL
MEASUREMENT**



MEDICAL TECHNOLOGY

MICROFLUIDICS

THERAPEUTIC &
SURGICAL
INSTRUMENTS

MEDICAL
SENSORS

DIAGNOSTIC
IMAGING

MEDICAL
IMPLANTS

Industrial Applications



FLOW MEASUREMENT



ULTRASONIC SENSORS



HYDROACOUSTICS



PRECISION DOSING and
PRINTING

Our Ambition

We look forward to supporting you and your company in driving markets and innovations—together as a team!

Physik Instrumente

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