

**bIHLER**

Otto Bihler Maschinenfabrik GmbH & Co. KG



## WELCOME

*"There are no solutions in life. There are only forces in motion. One must create these forces and the solutions will follow."* (Antoine de Saint-Exupéry)

Bihler Technology is Technology in Motion. Continuous innovation is our driving force that creates new solutions, giving Bihler and our customers the competitive edge in a challenging global market. With this brochure, we would like to introduce you to our company. While focusing on the essentials, you will gain an initial insight into who we are, our vision for the future, and how Bihler can assist you.

Regards,

A handwritten signature in blue ink that reads "M. Bihler". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Mathias Bihler



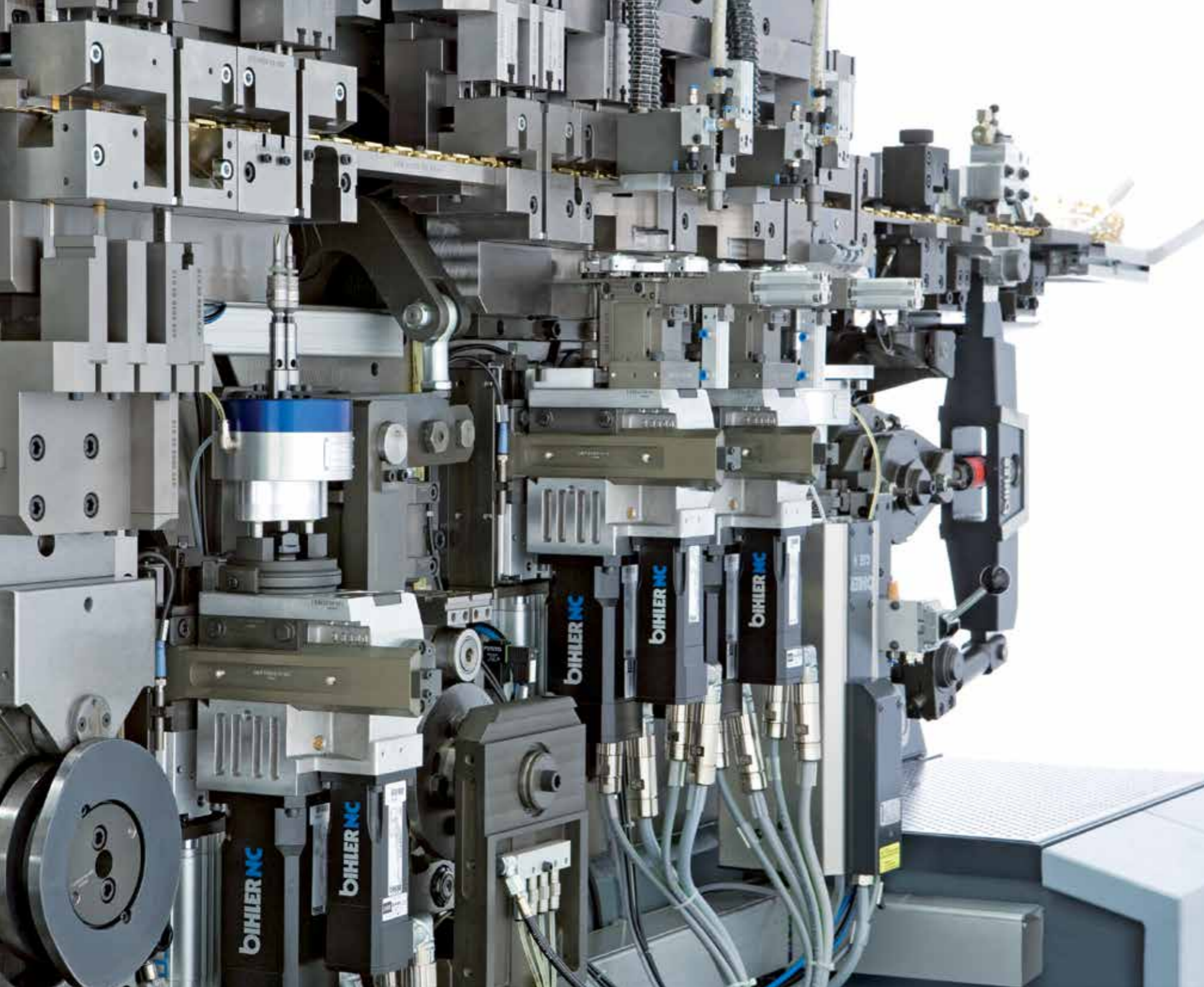
Headquarters in Halblech

## BIHLER

Bihler is your expert partner for challenging tasks! Bihler is the world's leading supplier of Integrated Manufacturing Processes. For over 50 years, Bihler has provided customers around the globe with over 10,000 technically advanced manufacturing solutions. Our success lies in the high productivity and reliability of Bihler Technology, innovation, and strong customer support.

We provide you with a wide range of first-class stamping-forming and assembling machines and turnkey solutions, in the highest Bihler quality. Including design support, extensive training, and many services all customised to meet your exact needs. Everything in a highly inter-active partnership!

Located at the foothills of the Bavarian Alps, in a culture steeped in a tradition of hard work ethics, Bihler is a strong, independent reliable source in a rapidly changing global market. Our vision is clear – continuous product development in every sector of our company. Bihler innovation pushes the boundaries of manufacturing technology every day.



## THE BIHLER TECHNOLOGY

Automation in Perfection

Bihler Technology is hidden in many everyday items. It allows us to drive more safely, ease the work of doctors in operating rooms, protect our environment, and illuminate our world and dreams.

The Bihler Technology is the combination of Bihler stamping-forming and assembly techniques into one Integrated Manufacturing Process. Beginning with raw material stamping operations, Bihler integrates key technologies as welding, tapping, screw insertion, feeding, sorting, inspection, cleaning, and packaging and much more into a fully-automated assembly solution. High productivity with minimal material use.

Bihler standard mechanical motion is combined with NC Technology, allowing each machine to be customized to specific product requirements and still remain re-toolable for new programs. Maximizing flexibility with more value added in your production. Highest quality standards ensure reliable and cost effective production from simple component production to precision complex assemblies, in any batch size. With Bihler you safeguard your competitive edge.



## INDUSTRIES AND APPLICATIONS

for Bihler Technology

- Automotive Industry
- Electronic and Electro-mechanical components
- Iron, Sheet Metal and Metal goods
- Medical Device Components
- Appliance Industry
- HVAC (heating, ventilation, and air conditioning)
- Environmental Technology
- Office Technology – filing and storage
- Spring and wire components
- Fasteners, Bearings, and Hinges
- Optics, Watches, and Jewelry



## **BIHLER**ship

The Power of Partnership

With 'bihlership' you are always on the safe side – in a highly inter-active partnership - with Bihler as your strong partner. From the initial inquiry, production-aligned product design, detailed project studies, sample parts, complete tooling solutions, and far beyond machine installation and commissioning, Bihler is at your side. Working together we reach our destination – success.

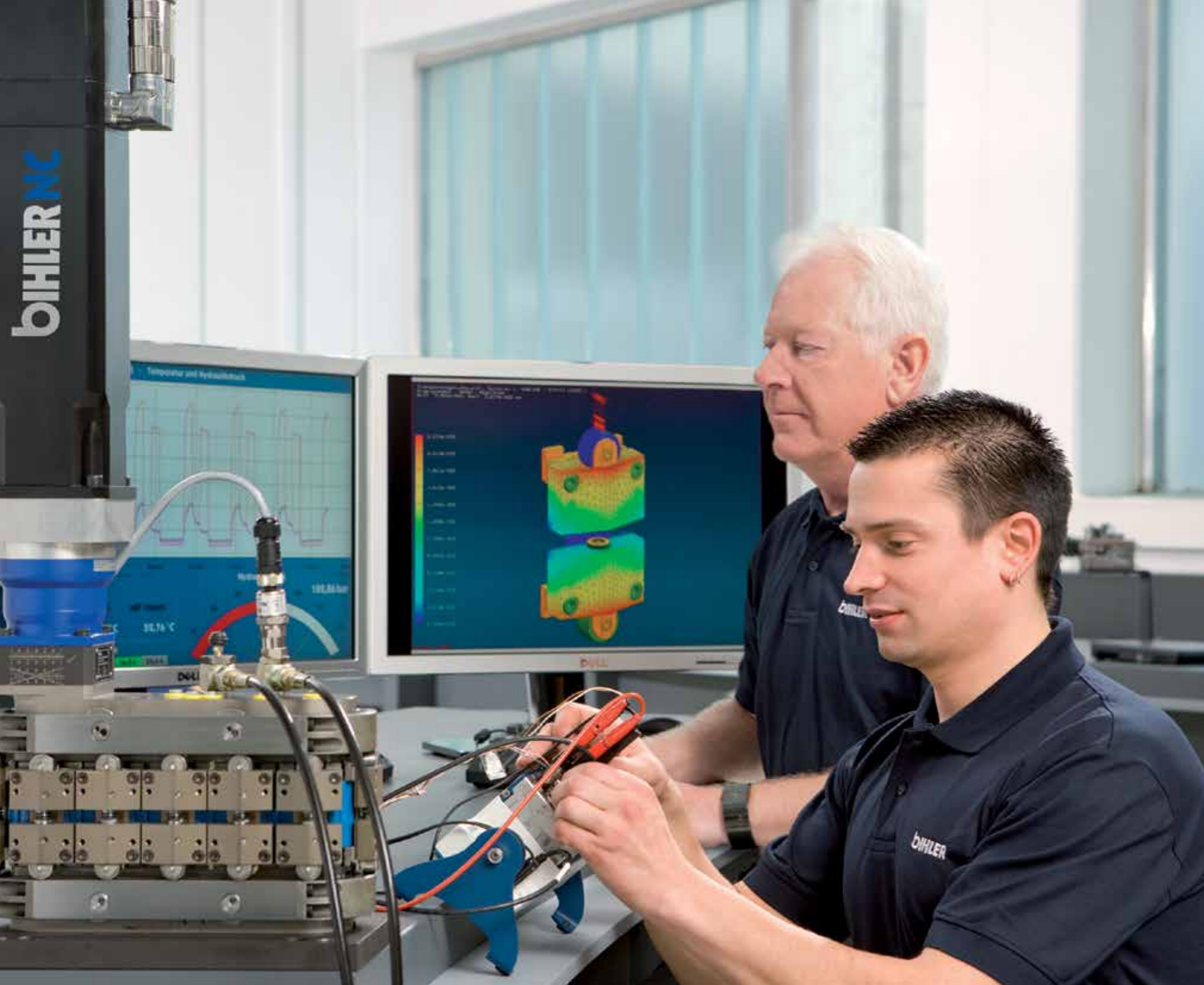
You benefit from continuous technology developments and the transfer of Bihler Know-How. We pass on our knowledge and experience through design consultation, welding tests, and various training and project planning seminars. Our perfectly tailored support guarantees maximum productivity of your Bihler machine throughout its entire life-cycle.



## EMPLOYEES

Our employees made Bihler what it is today – strong! They are the foundation of our success. Their bond with the company, their many years of experience, their high level of professional qualifications, and their daily efforts guarantee the reliability of our products.

Bihler nurtures the individual strengths of each employee. Through close teamwork, years of experience Bihler Know-How is transferred from one generation to the next. Our Accredited Apprenticeship Program provides practical hands on training and we encourage and assist further education for all employees in every company sector. Highly qualified employees are a priority at Bihler – they are our investment and our capital for future challenges.



## RESEARCH AND DEVELOPMENT

We are never satisfied with what is accomplished. We question, optimize and perfect the proven. In close cooperation with domestic and foreign strategic alliances, colleges, universities and research institutions, Bihler engineers continuously strive to develop new technically advanced manufacturing methods. Focusing on current and future market demands.

They test and validate product designs through material tests and material analysis, assembly process testing, welding tests, new monitoring systems and develop more efficient manufacturing processes. All innovations are introduced through ground-breaking products and incorporated into standard Bihler Technology solutions. All with the goal of continuing to offer you leading technology in the future.

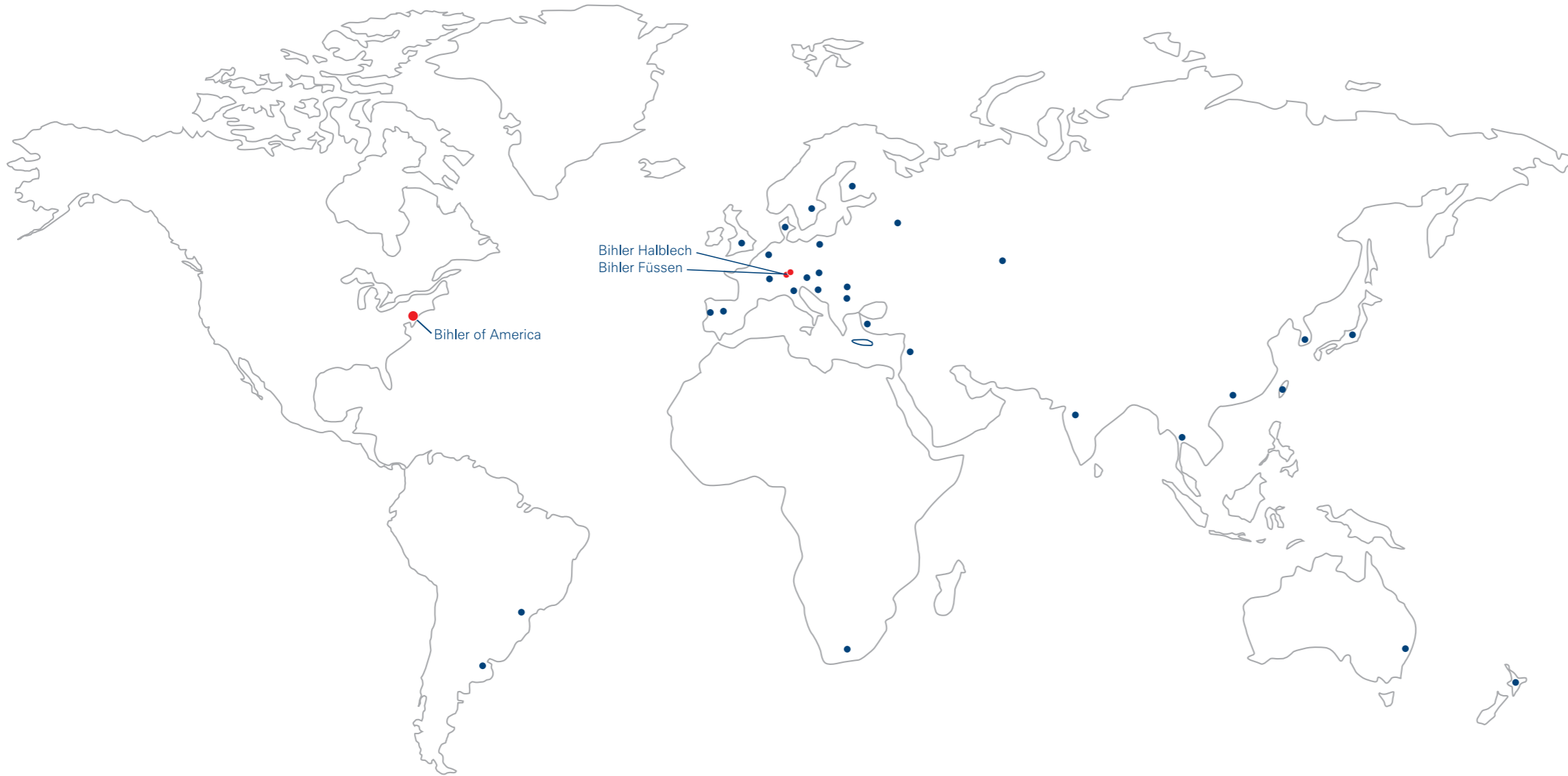




## COMPANY HISTORY

- 1953 Otto Bihler, an aircraft mechanic by trade, develops the first automatic universal springwinding machine UFA 1.
- 1955/1956 Otto Bihler introduces the world's first radial wire and strip forming machine RM 25.
- 1958 Foundation of the Otto Bihler Maschinenfabrik KG with headquarters in Halblech.
- 1966 Welding and Assembly capabilities are integrated into the RM 35 and GRM stamping and forming machines creating the first Bihler Integrated Manufacturing Process Technology.
- 1970 Development of Bihler's own contact welding system and electronic devices.
- 1976 Founding of Bihler of America, Inc. in New Jersey. Expansion of manufacturing capabilities with the Bihler Füssen plant.
- 1983 The first linear Metal Forming Processing Center BZ - creating the foundation for more efficient assembly methods.
- 1987 Bihler introduces the world's first metal stamping and forming tool design software and its first laser technology systems.
- 1993 Development of the Flexible Assembly System FMS further expands Bihler's application technology.
- 1996 Presentation of the first high-performance Multi-center Machine. Generation with both radial and linear machining capabilities.
- 1998 The Opening of Bihler's new Manufacturing Plant in Halblech expanding tool design, machine and tool development, and final assembly.
- 1999 Introduction of the Economy and Multicenter Sprint series expand the machine product range for the millennium.
- 2000 The presentation of the BIMERIC – the first Bihler NC Technology Metal Forming System, excels at the EuroBLECH exhibition.
- 2002 Strategic Alliance with the US press manufacturer The Minster Machine Company. Development begins of the TWINTEC Technology: The world's first synchronization of large press stampings with Bihler Integrated Manufacturing Processes.
- 2005 First in-house exhibition BihlerTEC in Halblech.
- 2006/2008 Continuous product innovation and well over 10,000 successfully implemented manufacturing solutions.
- 2009 Commencement of joint activities with KIST: An Expert and Innovation Center for Stamping Technology in Dortmund, Germany.
- 2010 Awarded with the „EuroBLECH Award“: the innovative NC production and assembly system BIMERIC BM 1500





## BIHLER GLOBAL NETWORK

Where you need us to be!

Customer focus enjoys a preferential status at Bihler. Direct contact and constant communication have the highest priority with us. Our global network of 30 sales agencies and a subsidiary in America, ensure we are always available with first-class rapid support – at every corner of the world. The center interface for all activities is our headquarters in Halblech, Germany.

## YOUR CONTACT TO BIHLER SALES OFFICES

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“Success is achieved from using one’s abilities in connection with  
the best possible equipment at the right time.”

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