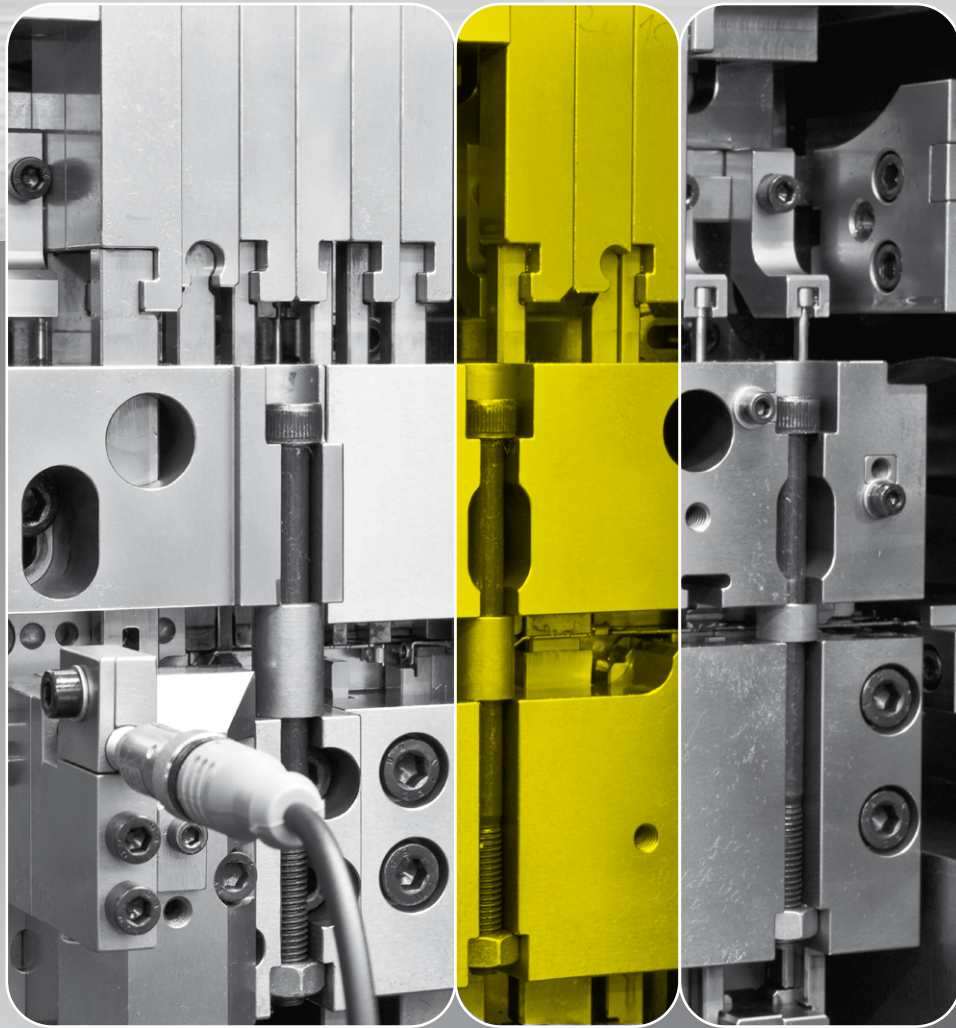


# WP-Wörgartner Produktions-GmbH





# A strong partner for your success

Since 1985, Peter Wörgartner and his team have been manufacturing stamped and bent parts as well as tools based on a very demanding understanding of quality.

The technological exchange and utilization of synergies between the two company pillars of **toolmaking** and **stamped parts production** are the key to the company's overall success.



Plant Oberndorf

Plant Fieberbrunn



Peter and Johannes Wörgartner



# Design, development, prototype building

The development of optimized stamped and bent parts and the selection of suitable production technologies is our daily job - Wörgartner has proven itself in this area for over three decades. Our team consists of six design engineers with a high level of expertise in the areas of Bihler and progressive tools.

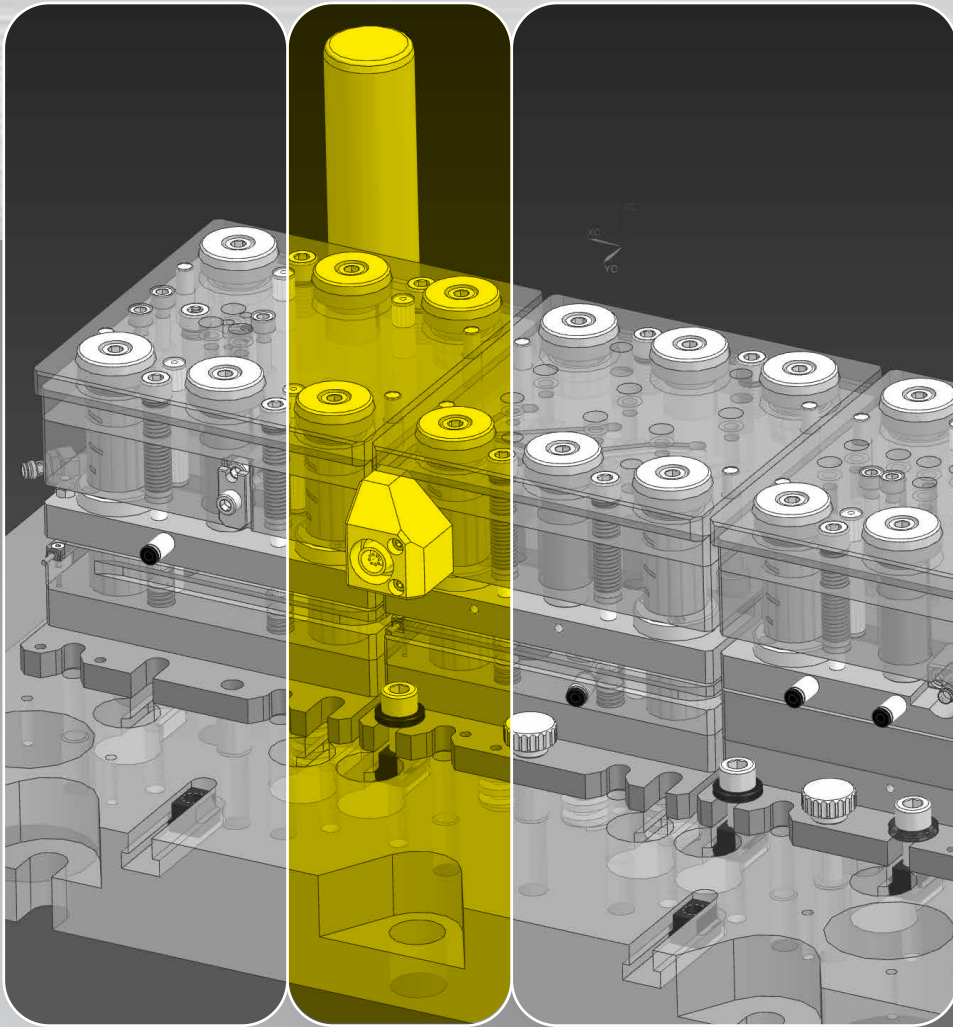
We take care of project planning from the design of the stamped parts to the complete production line while focusing on component quality and cost-effectiveness.

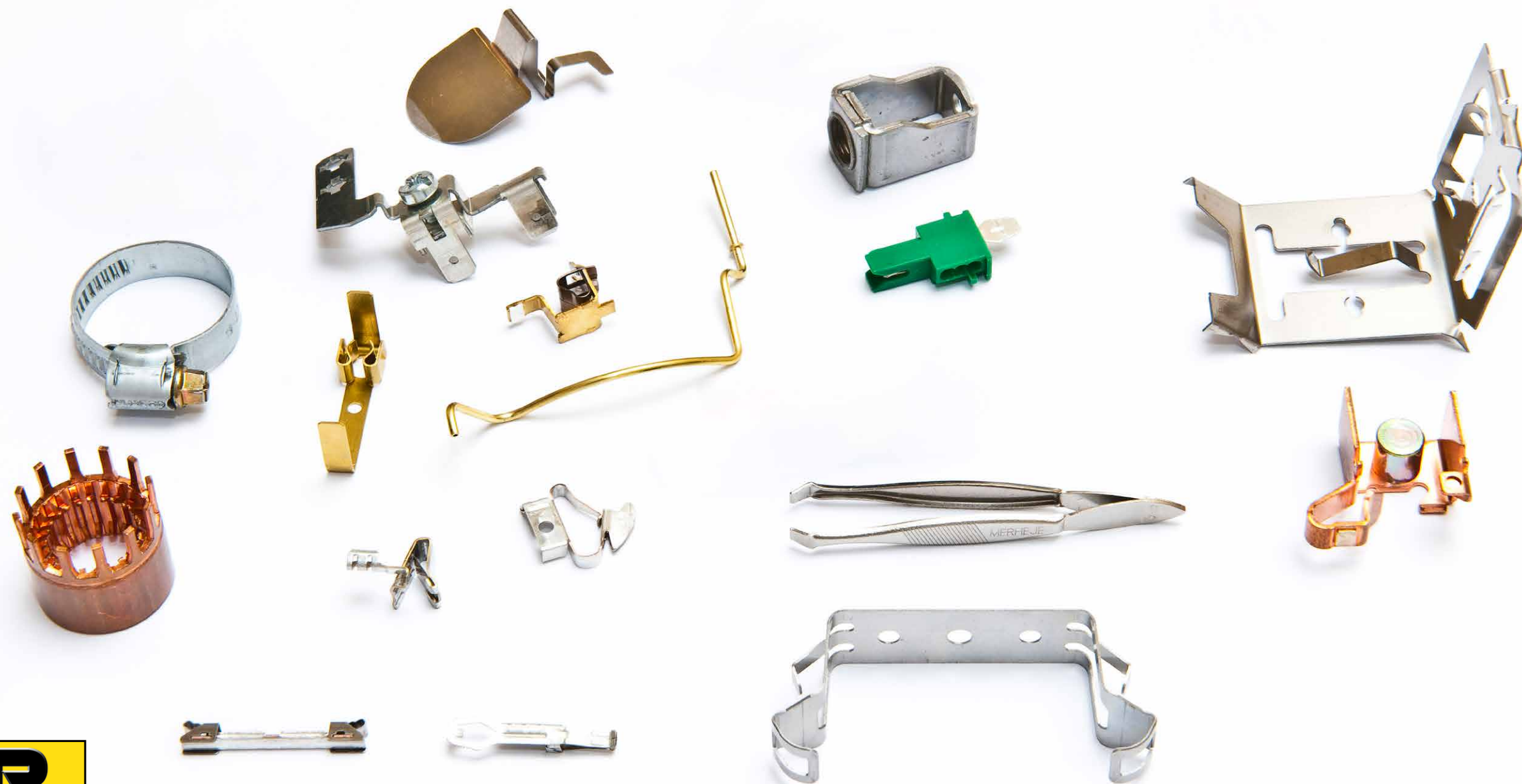
We also manufacture prototypes for our customers in our tool shop. Sample series can be realized in our own production facilities.

## **CAD/programming systems**

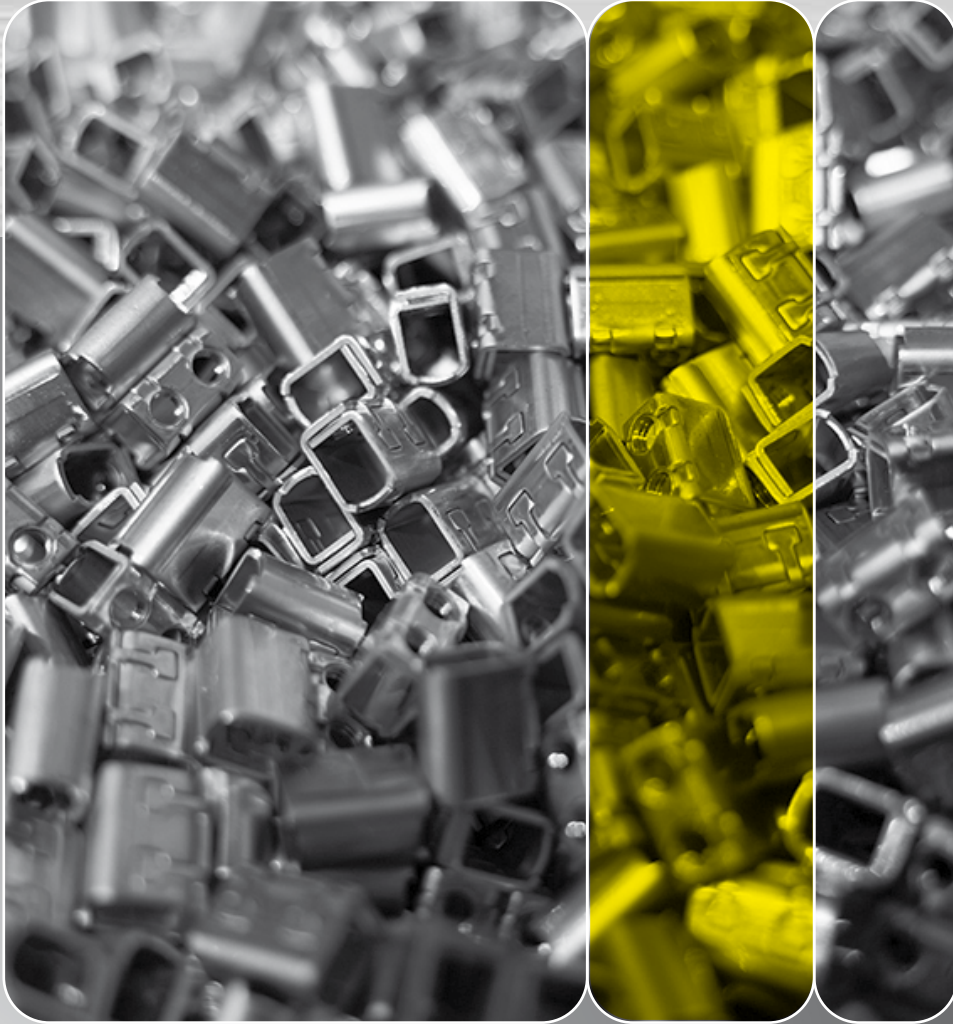
Siemens NX incl. Bihler NX

Hypermill and ESPRIT programming systems









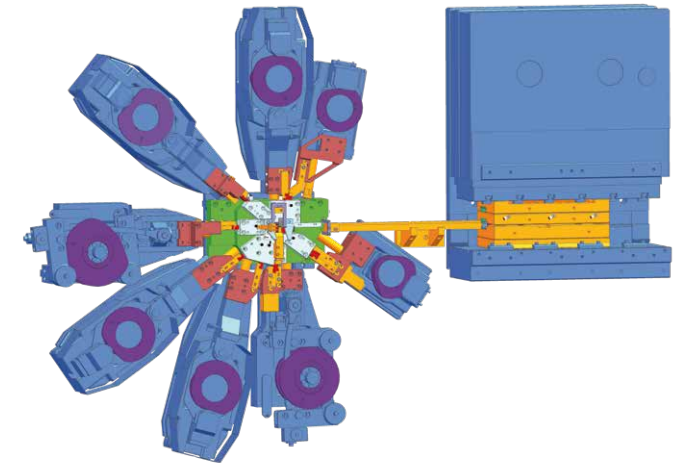
# Our areas of expertise

## Series parts production

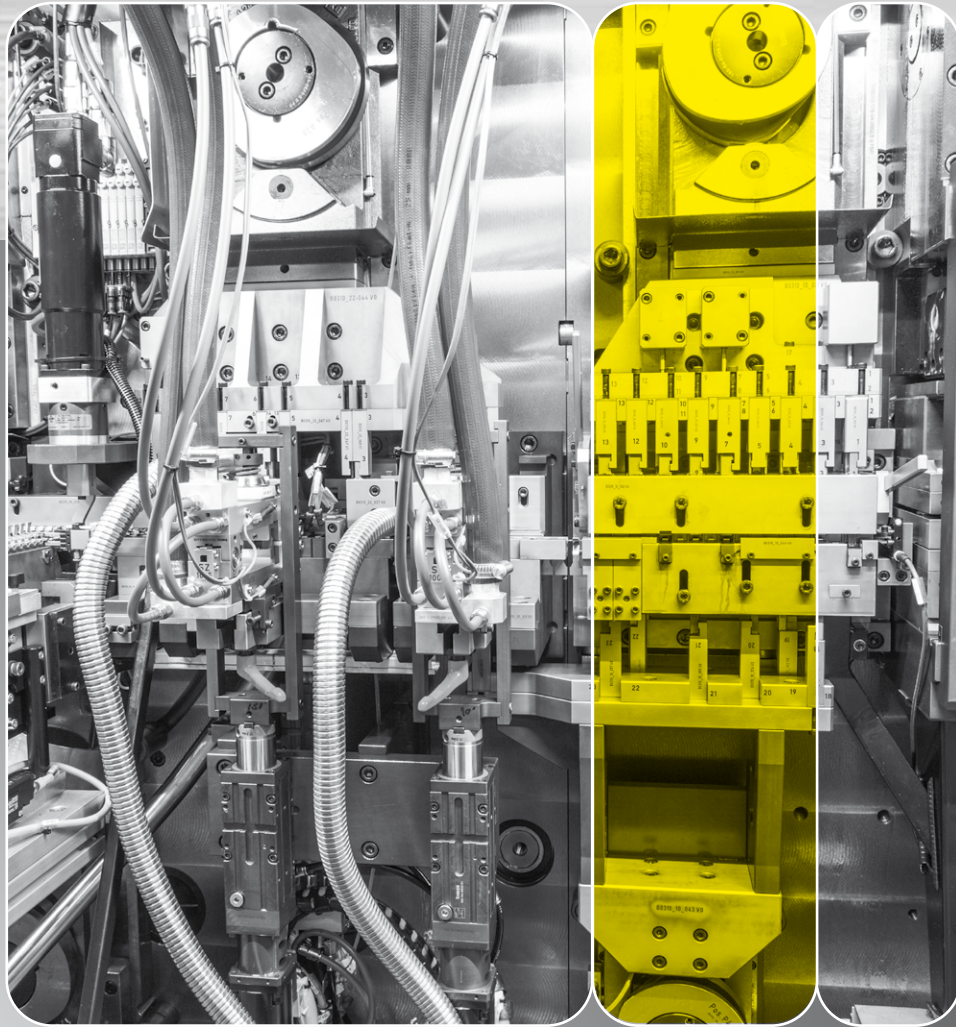
- Stamped and bent wire parts as well as assembly production on Bihler machines and progressive machines.

## Technologies

- Punching, bending, threading, screwing, welding (resistance welding and laser welding)
- Feeding and assembly of plastic parts, stamped and bent parts, turned parts, etc.
- Degreasing steel parts on a hydrocarbon-based degreasing machine.







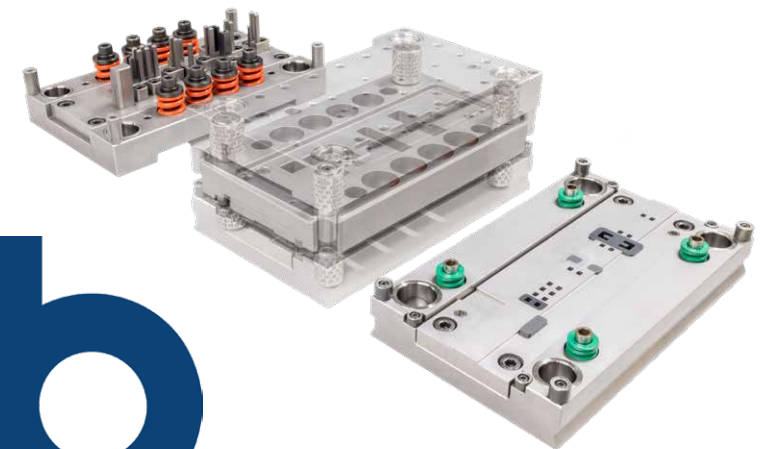
# BIHLER-production lines

As a BIHLER partner, we have many years of experience with Bihler's production technologies, from simple stamped parts to complete assemblies including thread forming, screwing, welding and assembly - everything is possible.

We process strip thicknesses from 0.1 mm to approx. 4 mm and wire diameters up to 6 mm.

Bihler machines are characterized by high productivity, precision and cost-effectiveness.

We manufacture complex parts on our 27 Bihler machines up to a maximum forming force of 1000 kN.



**PARTNER**

[www.bihler.de](http://www.bihler.de)





# Progressive tools

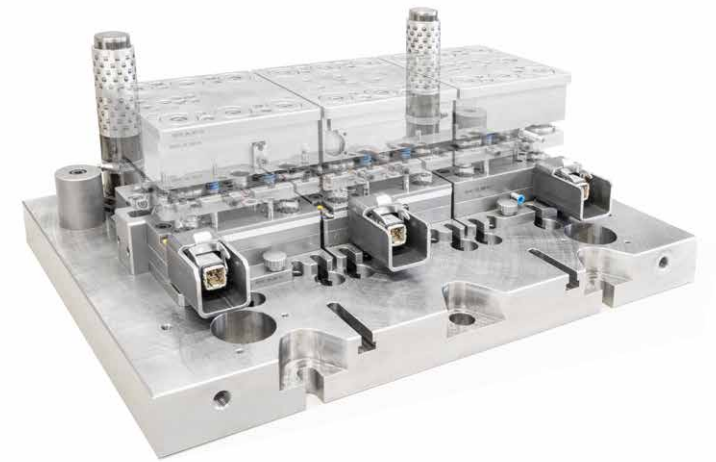
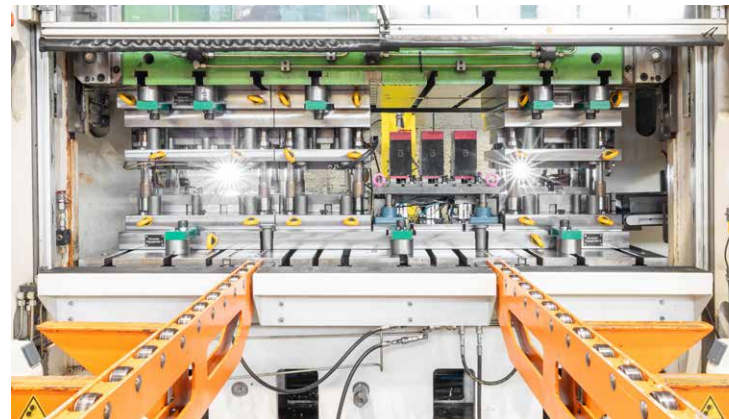
We manufacture stamped and bent parts, embossed parts and deep-drawn parts on our automatic stamping presses, parts with threads and assemblies with assembly of feed parts (bushings, rivets, etc.).

We process strip thicknesses from 0.1 mm to approx. 4 mm.

With our Bruderer automatic punching presses we achieve a maximum production speed of 800 strokes per minute.

For high forming forces, we are equipped with a 1600 kN and a 2500 kN automatic punching press.

On our 10 automatic punching presses we manufacture large series from 50,000 to 250 million parts per year.









# Quality assurance and quality management

A functioning, practiced QM system is a guarantee for constant quality and transparent processes. For Wörgartner this means systematic work while considering environmental, legal and safety aspects. The company has been ISO 9001 certified since 1995 and ISO 14001 since 2007.

## Testing equipment

- 3D measuring machines: Zeiss Contura and Zeiss O-Inspect
- 3D multi-sensor coordinate measuring machine: Nikon, Keyence
- Zwick tensile compression testing machine 100 kN
- Surface roughness gauge: Zeiss
- Material determination and coating thickness gauge: X-ray analysis FISCHERSCOPE
- Corrosion tester for salt spray tests: WEISS SC450







# Sustainability

Wörgartner places great importance on sustainability and implements concrete measures to reduce its ecological footprint.

One third of the electricity consumption is now covered by the 700kWp photovoltaic system. Wörgartner also utilizes energy-saving building technology, such as ventilation with heat recovery, groundwater for cooling the building and machinery, and the use of waste heat for heating and hot water to utilize resources efficiently.







# Contact

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