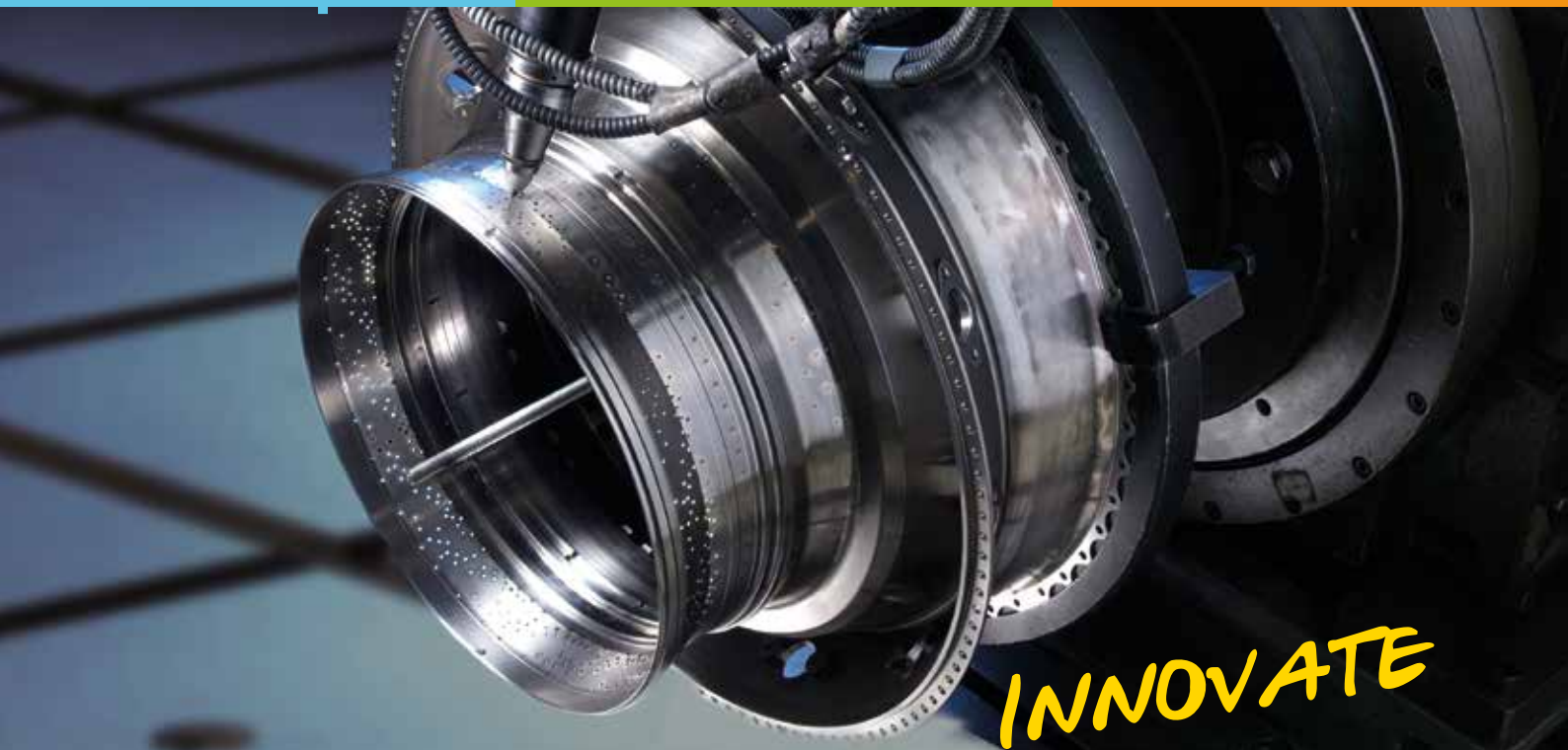


metal & precision

Binder Technologie – innovative metal technology
for your peak performance and market lead

aerospace



**INNOVATE
WITH US.**

experience & innovation

Binder Technologie – a creative and experienced solution finder for complex requirements in the market.

BINDER TECHNOLOGIE

We are your reliable partner for high quality production of formed sheet metal assemblies. Utilizing our manufacturing experience we support leading companies in the aerospace, automotive, energy and construction industries in achieving technical and economic advantage and success. Innovation and the highest quality standards accompany production and processing expertise of sheet metal parts and components, beginning with the design process and development phase to the prototype and series production.

Efficiency is a must – even on smaller quantities in a cost-driven competition.

Through the in-house combination of the vital production processes for the manufacture of sheet metal assemblies, we are able to supply complete parts and complex components. We manufacture long-lasting and high quality metal parts and components on the basis of quality and cost-oriented simultaneous co-development with our customers. We utilize state-of-the-art production technologies in the areas of forming, machining, laser processing and welding.



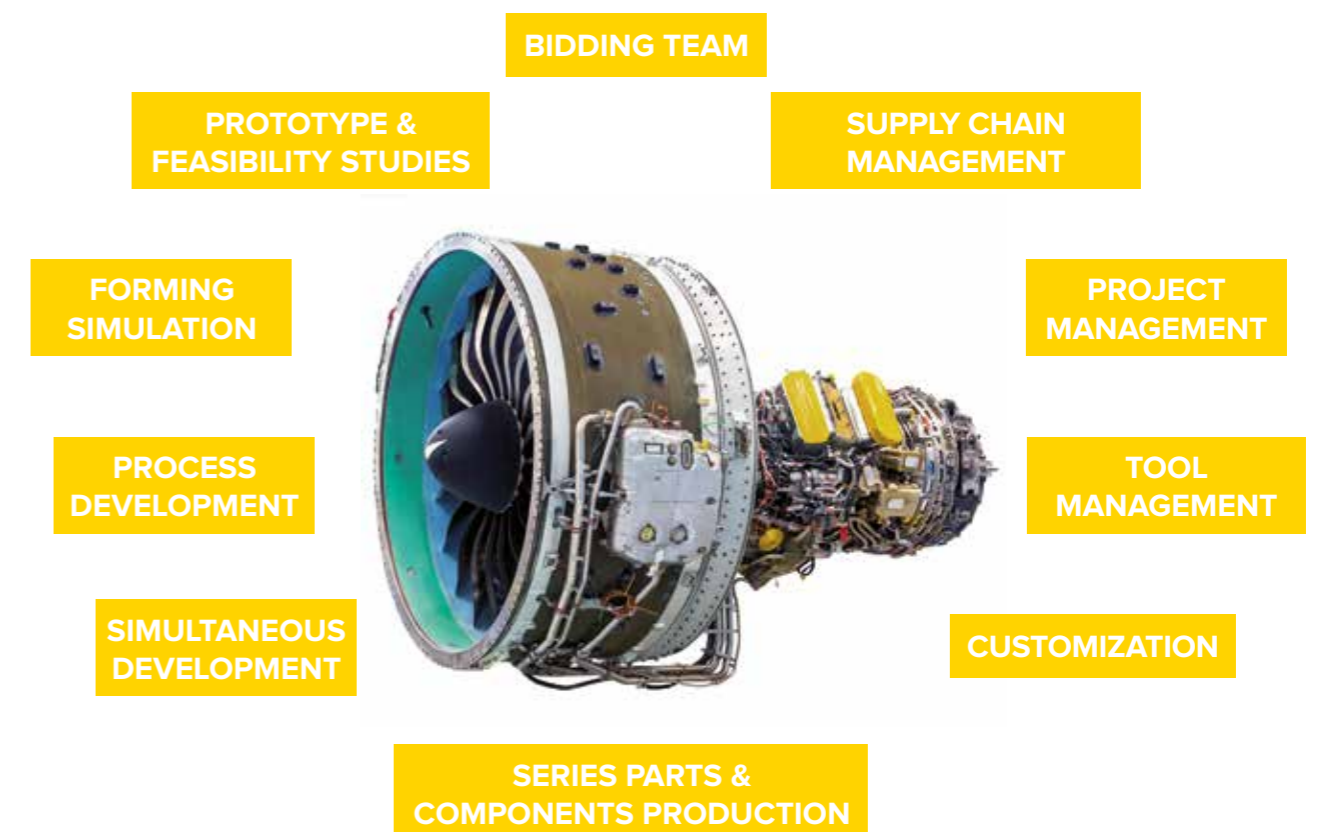
The binder sidecar for DKW motorcycles from the 1950's.

Our roots are based in the automotive sector of company Metallwarenfabrik Reichertshofen Karl Binder GmbH. Since its founding in 1926, new, future-oriented production technologies, self-developed and optimized production systems and innovative solutions were created. In addition, we have established advanced ways of staff training, quality assurance and fair, holistic consulting of our customers.



WE OFFER A WIDE RANGE OF SERVICES AND MANAGE THE ENTIRE VALUE CHAIN

Binder Technologie is your qualified partner in the production of metal parts and components for the aviation industry – especially of engine parts – and provides the highest quality standards.



programs & components

Binder Technologie has the knowledge and experience to produce sheet metal parts and components in all common materials used in the aerospace industry for jet engine and aircraft programs.

WE ARE A SUPPLIER FOR VARIOUS PROGRAMS

Jet Engines:

GE9X, PurePower® PW1000G-Family, PW4000, PW500, GP7000, MTR390



Interior programs:

Airbus A330, Airbus A340, Airbus A350 XWB, Boeing 747



MATERIALS

Ni-based alloys (e.g., Inconel 625/718, Hastelloy X, Haynes 282, C263), Aluminum alloys, titanium, high-alloy steels (high-strength steels), etc.

WE DELIVER A WIDE RANGE OF PRODUCTS



MIXER | INCONEL



VANE | NI BASE ALLOY



FISHMOUTH SEAL | INCONEL



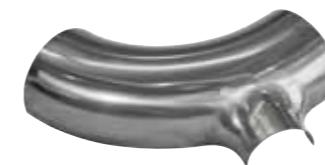
HEAT SHIELD | NI BASE ALLOYS



COOLING RING | NIMONIC ALLOY



ACC | STAINLESS STEEL



PIPING | TITANIUM



PIPE ELBOW | STAINLESS STEEL



HEAT SHELL | INCONEL



BOWL | STAINLESS STEEL

technology & know-how

Binder Technologie is the expert for forming, machining, welding and laser processing with innovative technologies while using excellent production equipment.

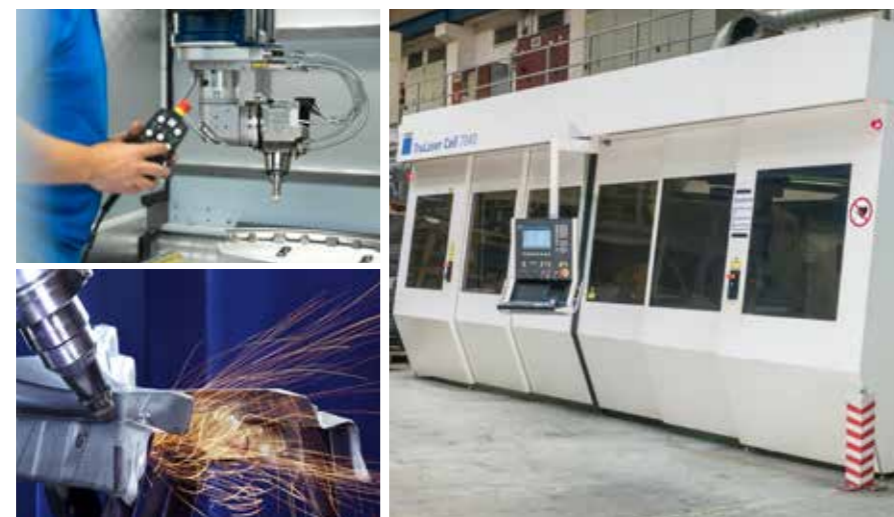
WELDING TECHNOLOGY

As a NADCAP certified company we achieve the highest quality standards for the critical weld processes. We utilize modern 5-axis CO₂ and solid state laser cells with precise and fast travel for welding depths up to 12mm.



LASER CUTTING

Plate cutting, final part contouring on the component or laser drilling – with our modern machinery we offer a wide range of possibilities, such as precise and fast cutting in 2D and 3D.



FORMING

Powerful forming systems – hydraulic presses with a forming pressure of 200 – 1,000 tons, fluid cell presses with max. 1,400 bar and a hydro-forming press with a pressure of up to 8,000 tons – we bring various and complex parts and components into precise shape: e.g. heat shields, vanes, rings, tube segments, ventilating segments, mixers and much more.



MACHINING

We process components, milled parts and tooling quickly and precisely. Whether this is 3-axis or 5-axis milling and turning or the 6-axis grinding. The mechanical processing ensures the most precise component contours. If necessary, we check 'in process' by means of CMM directly at the machines.



quality & methods

Whether design, production, purchasing or distribution – we offer constant high quality standards and a deep understanding of the industry to meet the goals and requirements of our customers.

UNCOMPROMIZED QUALITY STANDARDS

Our clients are international market leaders, established corporations, courageous pioneers and creative explorers. A close partnership is essential for us to guarantee compliance of the highest quality standards – in consulting, development and of course the production of your components.

CERTIFICATIONS

Our customers value our high quality standard. That's why we regularly participate in certifications.



AS/EN ISO 9100
certified

ISO 14001 **EN ISO 3834-2**
certified certified



WE ARE ABLE TO PERFORM IN-HOUSE DESTRUCTIVE AND NON-DESTRUCTIVE TESTING

Binder utilizes advanced testing methods to develop stable processes for series parts production and scrap reduction with our in-process inspection control.

Microscope

Our experienced quality inspectors examine the manufactured components or sections microscopically to search for surface defects, weld seam deviations or cracks.

Radiographic Examination (X-Ray)

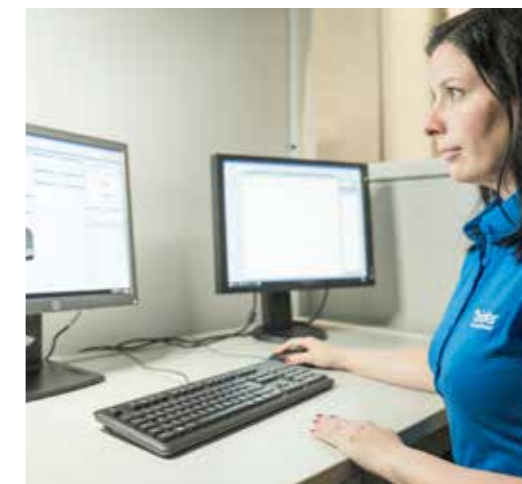
The X-ray team uses modern digital X-ray technology for the in-process inspection of our series parts as well as for the final part inspection. Typically we inspect the weld seams but we are also able to inspect cast parts and raw materials.

Fluorescent penetration test (FPI)

Binder is able to conduct in-house FPI testing of our series parts to identify surface defects. This inspection is a critical part of manufacturing safety critical components.

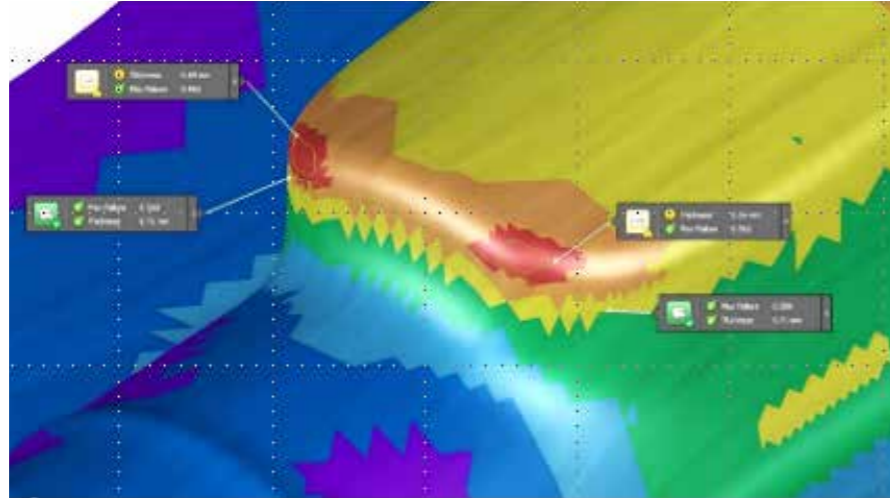
Coordinate Measuring Machine (CMM)

Our CMM is utilized in-process to optimize the series part production processes and for final inspection to confirm the final form against the drawing.



FORMING SIMULATION

Our experienced team is able to perform forming simulations to check feasibility and control the limits of formability. Therefore, we can accelerate tooling construction and product development processes, reduce the time required to begin production, optimize the material envelope and reduce cost.



CUSTOMER FOCUS & TAILORED SOLUTIONS

We offer solutions reflecting the needs of our customers. Our project management team would welcome the opportunity to discuss your next project with you.



BINDER MEANS PASSION FOR SHEET METAL

All Binder employees share a passion for sheet metal that drives our continuous improvement and customer first focus.

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