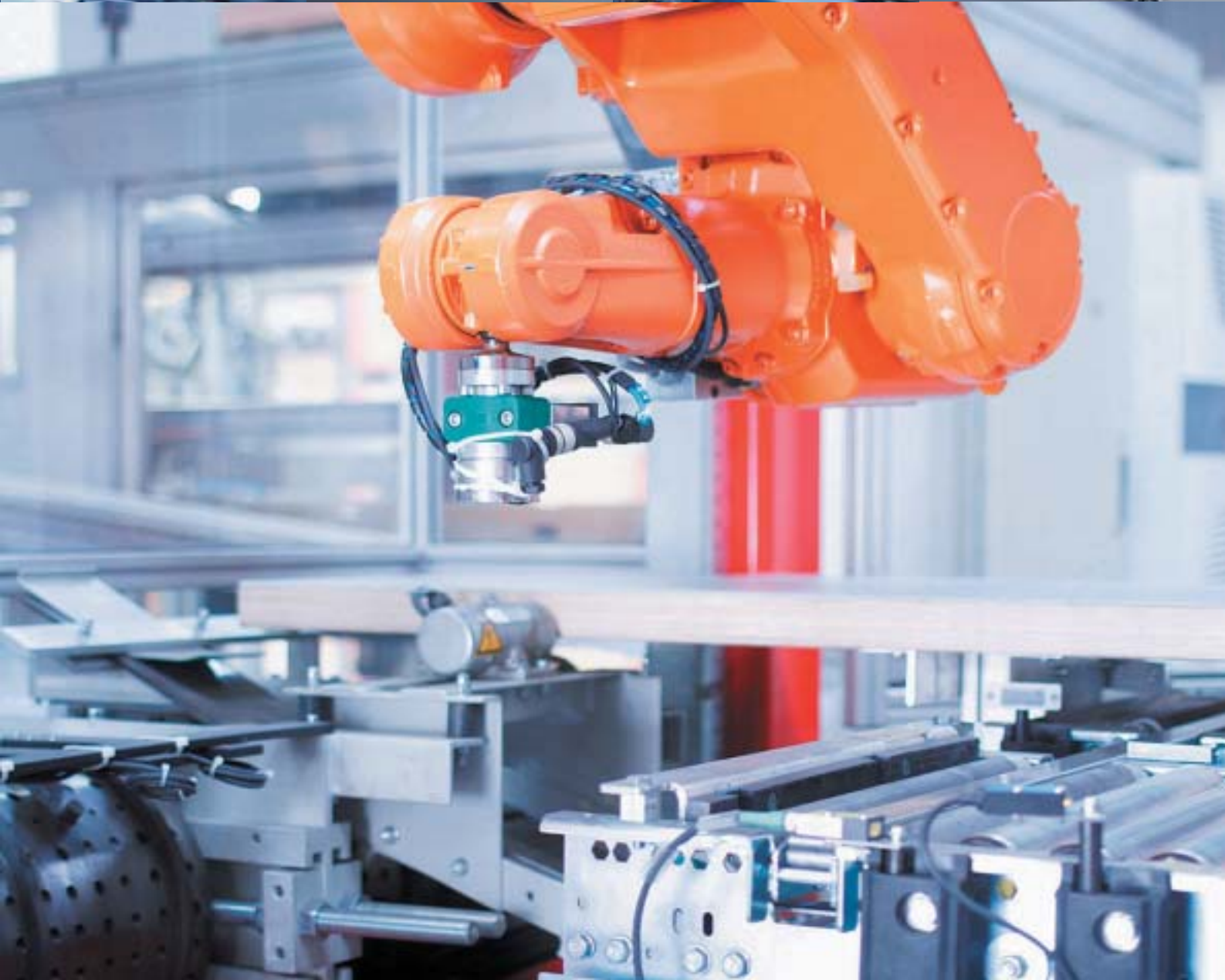


Innovation in Motion



Miba Automation Systems



Technological Expertise



Miba Automation Systems designs and builds special machinery and tools for engineering and machining applications. Our customers benefit from our tailored, cost-efficient solutions.

Over 50 years' experience and systematic technological progress in the development, design and manufacture of machines for producing engine bearings have made us the technology leaders. Countless patents for sputtering systems, transfer lines and special purpose machines testify to our cutting edge. Our team consists of dedicated and highly qualified people who have been recruited for their expertise, cost consciousness and excellent skills in manufacturing technology.

The foundation stone for our company was laid in Miba Gleitlager GmbH. Since 1997 we have been an independent company in the Miba Bearing Group. We support customers worldwide with our expertise and know-how.

Our Mission

Miba Automation Systems is specialized in precision automatic machining, manufacturing and positioning (robotics) in the micrometer range.

Examples of our skills

- The combination of machines (complete transfer lines, combined machining and measuring)
- The combination of several machining operations in one machine
- Multispindle machining centers for milling operations
- The combination of machining and robotics
- Mobile CNC machining centers for very large components (power stations, cranes)

Our Strengths

- Mobile machining centers for on-site machining
- Measuring systems
- Combination of machining and gauging technologies
- Handling of complex parts
- Highly qualified, dedicated team

Machines for Engine Bearing Production



Over 50 years of experience in the development, design and manufacture of machines for producing engine bearings have made Miba Automation Systems the world market leader in this sector. All the well-known engine bearing producers trust in our technology. They include the largest and most renowned automotive suppliers in Japan, China, India, Europe and the United States.

Transfer Lines

Enabling you to produce both large and small batch sizes cost efficiently, transfer lines are the perfect symbiosis of set-up and cycle times. Transfer lines from Miba Automation Systems guarantee short set-up times with optimally designed cycle times.

Fineboring Machines

Miba Automation Systems is a pioneer in fineboring technology. Dedicated to consistent further development, we have strengthened our position as technology leaders and are therefore always a step ahead of the competition. We combine cycle times of less than a second with positioning accuracy in the tenth of a micrometer range. Our customers thus benefit from tolerances of less than 0.005 mm and high process capability.



Robotics and much more



Miba Automation Systems has more to offer than assembly lines, automation and robotics. Our customers' value-added chains benefit from our complete systems – especially when it comes to optimized combinations with machining centers. Specializing in the field of high-precision positioning for complex parts, we deliver the best possible solutions. These include designing robotics for painting systems, handling and machining tailored to our customers' specifications. We are also successfully positioned in the fast growing segment of camera and testing systems combined with robotics.



Special Purpose Machines



Technological know-how and solutions catering specially to our customers' requirements make Miba Automation Systems a sought-after partner for special purpose machines in sunrise industries. We see complex tasks as a challenge. The special machines we develop and build feature precision manufacturing and positioning down to the micrometer.

Machining

One of our greatest strengths lies in machining. Whether milling, grinding, turning, broaching, punching or coining – our wide-ranging experience in machining makes us the leading supplier worldwide. Our range of services also includes reliable in-process feed and removal of complex parts.

Mobile Machining Units

Our latest field of development is in mobile CNC machining units. Given our great expertise, we have successfully positioned ourselves in this sector within a short space of time. Responding to the market for larger components, increasingly complex tasks and greater demands placed on machining precision, we have developed systems that are specially designed for the individual application.

Measuring Machines

High precision manufacturing and assembly processes call for even greater accuracy in checking and testing. Miba Automation Systems meets this demand for absolute precision. We recognized the importance of automatic test techniques at an early stage and secured ourselves a sustainable edge over the competition. Countless systems that we have planned and built for the international engine industry demonstrate our expertise.

Sputtering Systems

Our long-standing experience makes us specialists in complex systems for vacuum coating.



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