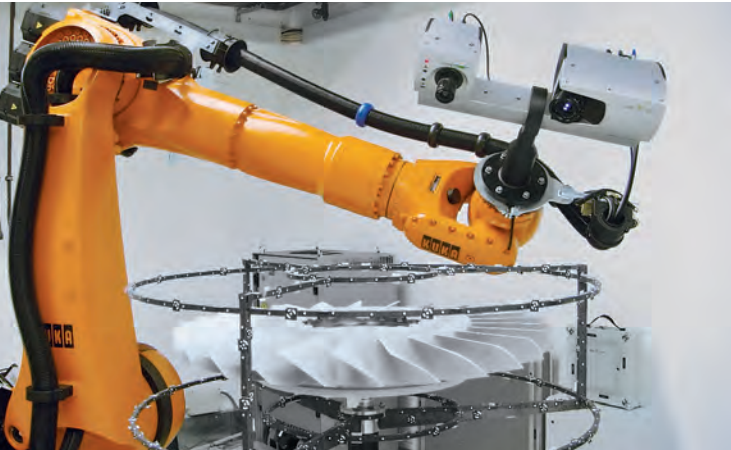


STEINBICHLER AUTOMATION

AUTOMATED METROLOGY SOLUTIONS
3D DIGITIZING / SURFACE INSPECTION



Optimize the efficiency of your quality control applications with the STEINBICHLER AUTOMATION metrology solutions!

AUTOMATED METROLOGY SOLUTIONS

The saving of time in recurring measurement tasks has become one of the most decisive criteria for production-related quality assurance processes. Therefore, fast and area-based geometry and surface measurement solutions for a large number of different parts/objects are in high demand.

The STEINBICHLER AUTOMATION solutions open up new perspectives for a wide range of applications and meet the constantly growing need for automated measurement technologies in industry sectors such as automotive, aerospace, mechanical engineering and foundries.



ALL-IN-ONE OPTICAL SENSOR TECHNOLOGY AND AUTOMATION

Based on our long-term experience in optical metrology and core competence in developing customer-oriented, flexible and easily adaptable automation concepts combined with standardized sensors, Steinbichler offers comprehensive solutions from a single source.



INDIVIDUAL AND COMPLETE SOLUTIONS FOR OPTIMAL INTEGRATION

With a wide diversity of combinations and layouts, including components such as sensor technology, software, robot (incl. portal layouts) and safety engineering, Steinbichler provides application-specific and customer-driven solutions. The user thus benefits by getting automation individually designed for his specific application and he profits from a fast, safe and innovative complete solution which is optimally integrated into his existing processes.





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images by courtesy of
AUDI AG, BMW AG, Daimler AG, MTU Aero Engines



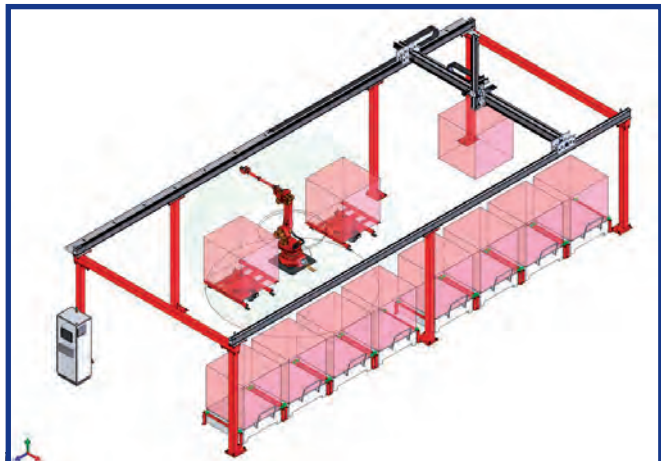
HIGHLIGHTS

- Optimization of recurring measuring tasks in quality control (sampling inspection in a production environment)
- Flexible, customer-oriented plant integrations from a single source
- Wide part spectrum capability with efficient offline programming
- Robot combinations with all available sensor types
- Open interfaces to sensor technology, robotics and any inspection software

CUSTOMER-DRIVEN SOLUTIONS FOR MAXIMUM EFFICIENCY

All system configurations are freely adaptable and scalable with regard to automation level, software interfaces, connection to part feeding/conveyors etc. and customer-specific environments.

With the STEINBICHLER AUTOMATION solutions, all parts can be programmed offline, enabling a 100 % plant utilization.



3D DIGITIZING

The combination with a robot for sensor guidance or object handling, allows for fully automated measurement. Now, the 3D digitization of a wide range of measuring objects, for e.g. first sampling (inspection of functional accuracy), is made even faster, allowing for a substantial simplification of routine inspection tasks.

SURFACE INSPECTION

The timely and complete detection of surface defects (e.g. on sheet metal parts and bodies-in-white), with the objective and highly precise inspection system ABIS, makes quality control processes more efficient – thus, work time / resource consuming part rejections or reworking is significantly reduced.



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INSPIRING
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