

After Sales Service

Maintenance/Repair

General Overhaul

Spare Parts

Inspection

Refurbishment/Retrofit

Value-Added
Service and Rebuilding

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RANGE OF SERVICES

Our Offerings

- ➔ Inspection, service, repair and maintenance
- ➔ General overhauling of machines
- ➔ Overhauling of sub-assemblies
- ➔ Geometry check and spare parts
- ➔ Modernization and overhauling of machines and complete lines, regardless of which manufacturer and worldwide
- ➔ Analyzing the benefit of a rebuild/retrofit compared to the purchase of new machinery

Your benefit

- ✓ Cost advantages compared to a new investment
- ✓ Significant time savings compared to new machinery
- ✓ Production increase and optimization
- ✓ Second service life of your machinery / sustainable use of resources
- ✓ Optimum function, long lifetime and operational efficiency
- ✓ Retaining the value of your machinery
- ✓ Fixed and predictable maintenance cost
- ✓ Optimum maintenance scheduling
- ✓ Minimization of risks through regular predictive maintenance
- ✓ Ongoing availability and operational safety
- ✓ Recovery and retention of the machine accuracy
- ✓ Manufacturer-independent realization
- ✓ Warranty on the supplied scope



follow us



OUR SERVICE COMMITMENT

High productivity, reliability and a long service life of the machinery are key factors of a cost-effective and trouble-free production. This is where we actively support our customers. Our competent team of factory-trained maintenance technicians is dedicated to ensure an on-going high performance of your manufacturing equipment through qualified service and overhauling.

Thanks to the extensive experience with machines of most different makes and brands WEMA VOGTLAND is able to provide maintenance services independently of the original machine manufacturer. We offer our services for all kinds of metal cutting machine tools including large machines and cylindrical grinding machines, no matter which type of machine and age.

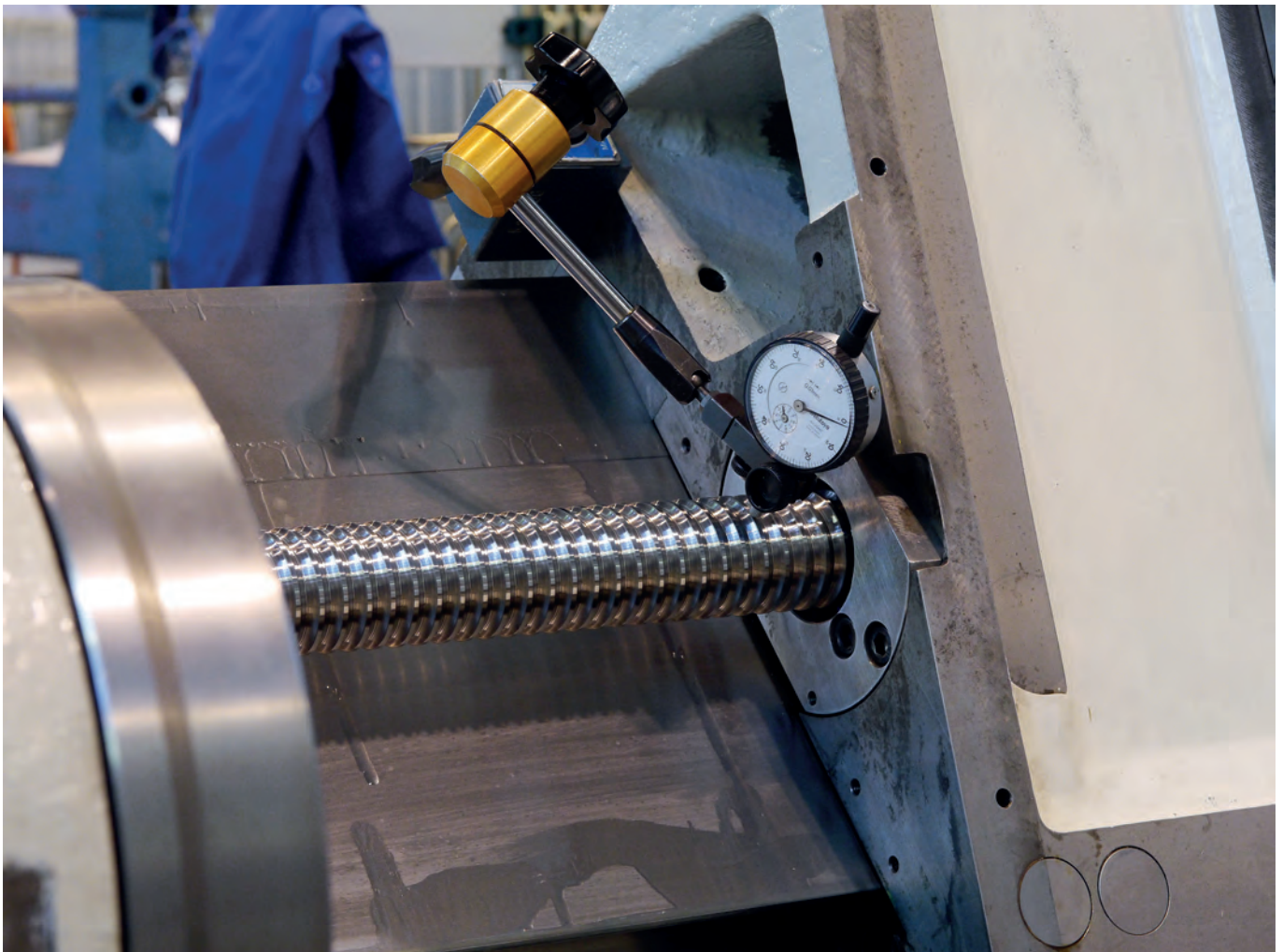
This approach gives the customer a clear advantage since the number of contact partners for the service of several machines from different suppliers, or even for the whole machinery in operation, is reduced to just one person – practically a one-stop shopping for service and parts procurement.

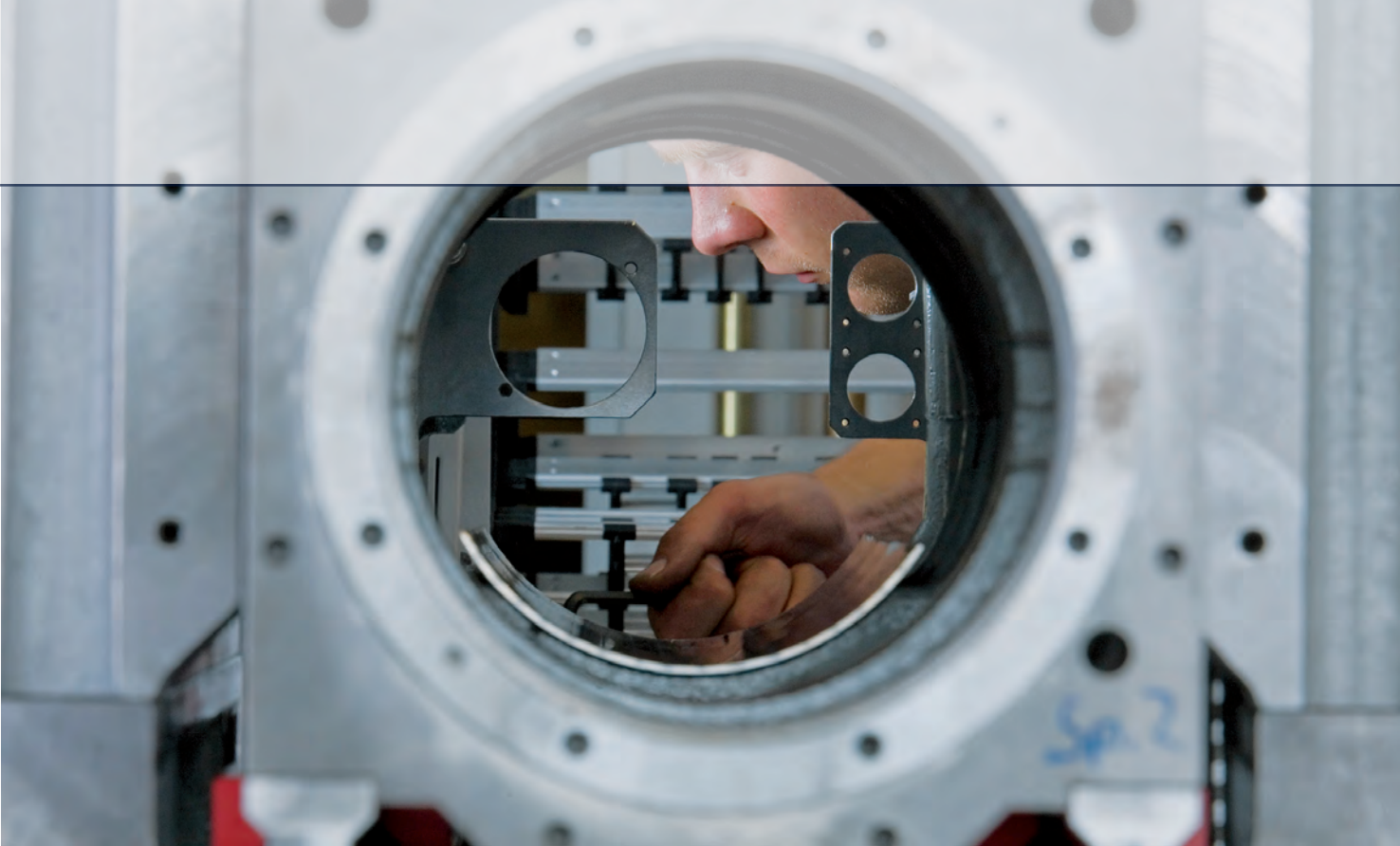
INSPECTION

In the course of targeted inspections our service technicians assess the current status of your machines and give their expert opinion. A detailed inspection report reveals weak spots and the causes of wear and faults and provides recommendations for necessary repairs. Competent and comprehensive advice is our first concern in this process. Thus it is possible to prevent unplanned downtimes beforehand and plan necessary actions in advance.



Service vehicle of WEMA VOGTLAND Technology GmbH





Preventive MAINTENANCE

In addition to repairs in case of machine breakdowns and faults WEMA VOGTLAND offers preventive maintenance of machines and systems aiming to increase their efficiency and service life. To the machine user this offers the benefit of an improved machine availability, the avoidance of unplanned downtimes and thus a minimization of risk. In the long run, regular preventive action finally reduces consequential costs due to unplanned machine stoppages. While repair cost is generally increasing after some years of operation because of insufficient maintenance and eventually leads to a replacement of the machine, this development can be reversed by consequent preventive maintenance. Even if the cost is somewhat higher in the first years of operation due to the regular inspection of the machine or system the maintenance cost drops significantly in the following years and remains on a relatively low level until the end of the machine service life.



GEOMETRY CHECK

As an important element of inspection and preventive maintenance WEMA VOGTLAND offers extensive machine geometry checks. The manufacturing quality of a machine tool (in particular the dimensional accuracy and the surface quality of the machined parts) largely depends on the accuracy of machine movement. Over time the movement of mass and the machining forces cause an overall wear which influences the manufacturing quality.

For this reason we offer our customers QC-20 measurements. The relevant measuring equipment allows to detect deviations in any motion axis on the basis of which the relevant overhauling measures can be defined. In addition the axis positions can be checked and corrected by means of laser systems.



MACHINE MAINTENANCE

With our maintenance partnership concept we assist the plant maintenance teams of our customers on a coordinated basis in their work. This gives you more flexibility and helps you to avoid bottlenecks.

We establish a plan jointly with you showing how we can complement each other:

Which work will be done by your team? Which tasks can be assigned to WEMA VOGTLAND?

After defining the specific scope of work we will be pleased to make you an offer for a maintenance agreement.



Remote Diagnosis Service

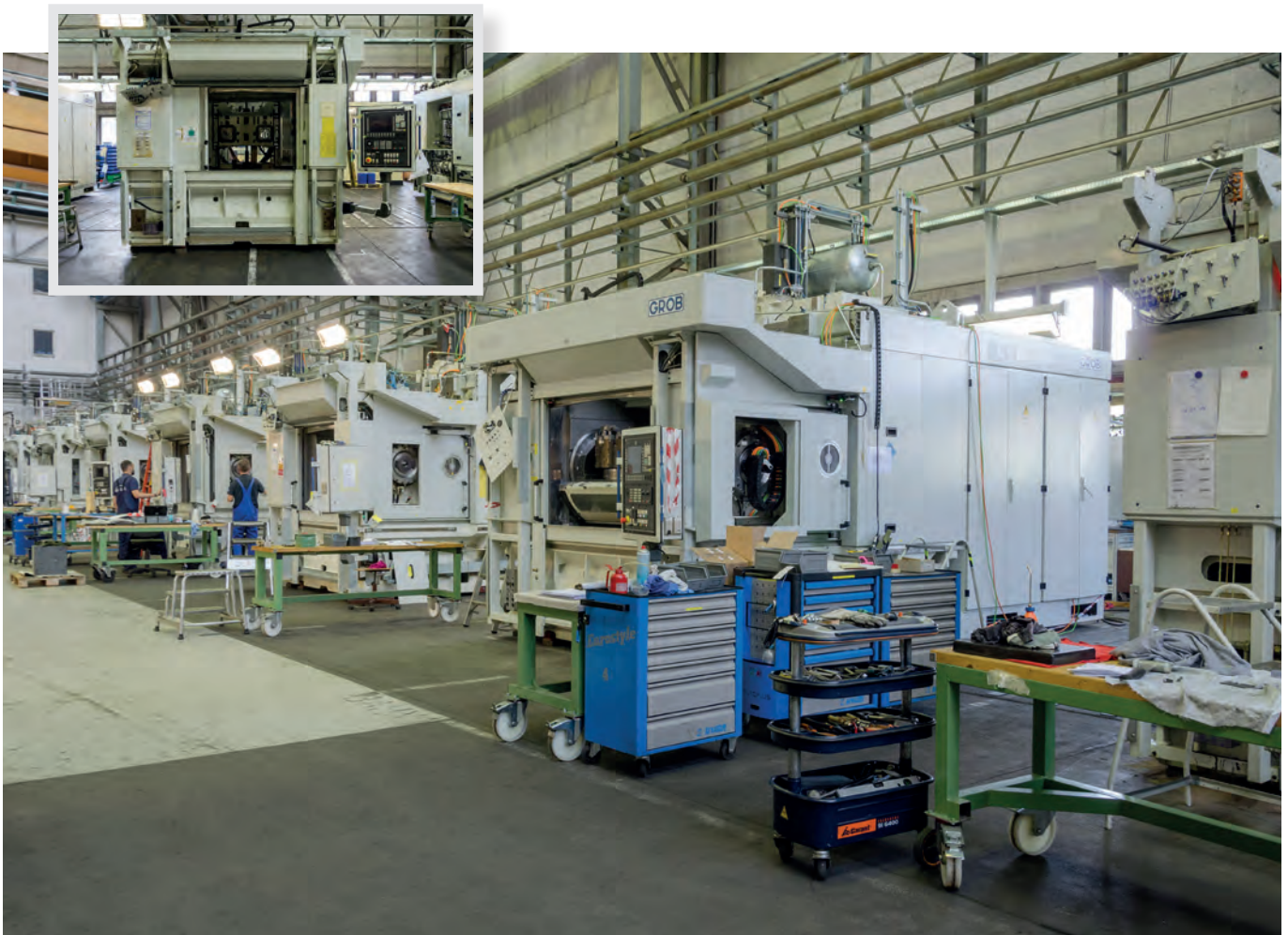
In case of immediate problems our teleservice specialists provide support either on the phone or via direct connection with the machine control system in order to solve the problem as quickly as possible jointly with the customer's service personnel on site.

GENERAL OVERHAUL

Is it always necessary to buy a new machine? In many cases it is more reasonable and effective to consider a general overhaul as an alternative. Keep your „familiar“ machine without sacrificing the need for reliability and quality of a new machine.

Often a general overhaul is also a good alternative for bridging the period until a final new investment. A general overhaul of a machine tool on site or at our plant in Plauen includes the mechanical overhaul or replacement of components and sub-assemblies with the objective of restoring the original performance and the machine geometry, for a large number of machines from most different manufacturers and years of construction.

We apply all our knowledge and experience in order to make sure that your „faithful“ machine will be technically and visually enhanced to become an „as-new“ machine which fulfills its tasks efficiently and reliably again.



General overhaul of 14 CNC milling machines (twin-spindle; maker GROB)



Repair of a rotary table

REPAIR of sub-assemblies

It does not always have to be a complete machine. Of course we also repair individual sub-assemblies which is often less expensive than buying a new one. Furthermore it may occur that a sub-assembly fails for which there is no replacement. In such cases we help timely and flexibly.

SPECIAL SERVICES

In addition to rebuilding, overhauling and general technical service we also provide special services for machine tools.

For example we offer machine users to carry out a CE conformity assessment in accordance with the machinery directive 2006/42/EG for rebuilds including hazard identification, risk assessment and proposed measures to eliminate risks.

We are able to assist you professionally by preparing the conformity documentation for you with focus on machine tools, transfer lines and workpiece transport systems.





OEM Quality Spare Parts

In addition to customary spare parts we offer you for a fair price replacements of original sub-assemblies or substitutes for original spare parts of well-known machine tool manufacturers and provide the relevant warranty on the replaced parts and sub-assemblies.



Spare parts package for quill guide units (example)

WEMA VOGTLAND Technology GmbH

Global Leader in Retrofitting of Machine Tools

WEMA VOGTLAND Technology GmbH, a company of the GLOBAL RETOOL GROUP, is an experienced specialist in supplier-independent modernization and overhauling of machining centers and machine tools of any kind – from single machines for milling, turning, drilling or grinding operations to special-purpose machines and interlinked machining systems.

Retrofit Examples

Before

After



6 CNC lathes; 3 CNC milling machines; 3 CNC turn-broaching machines for crankshaft manufacturing / Maker: BOEHRINGER



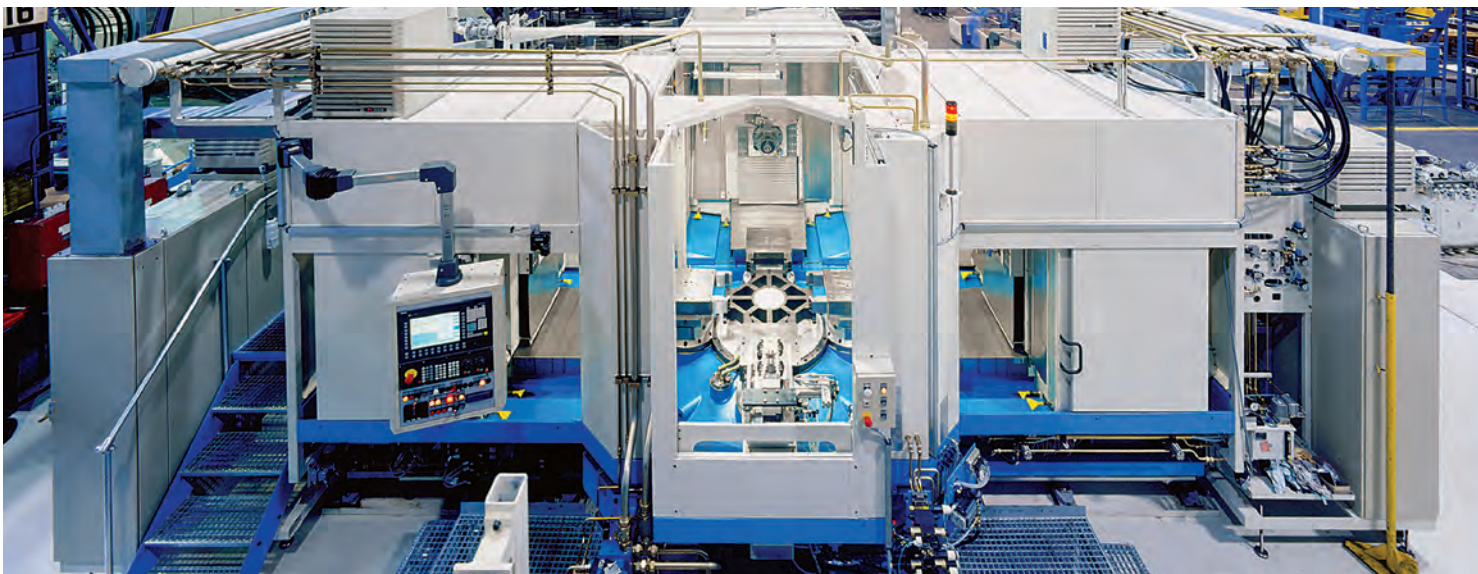
3 lathes for gearwheel manufacturing / Maker: DIEDESHEIM



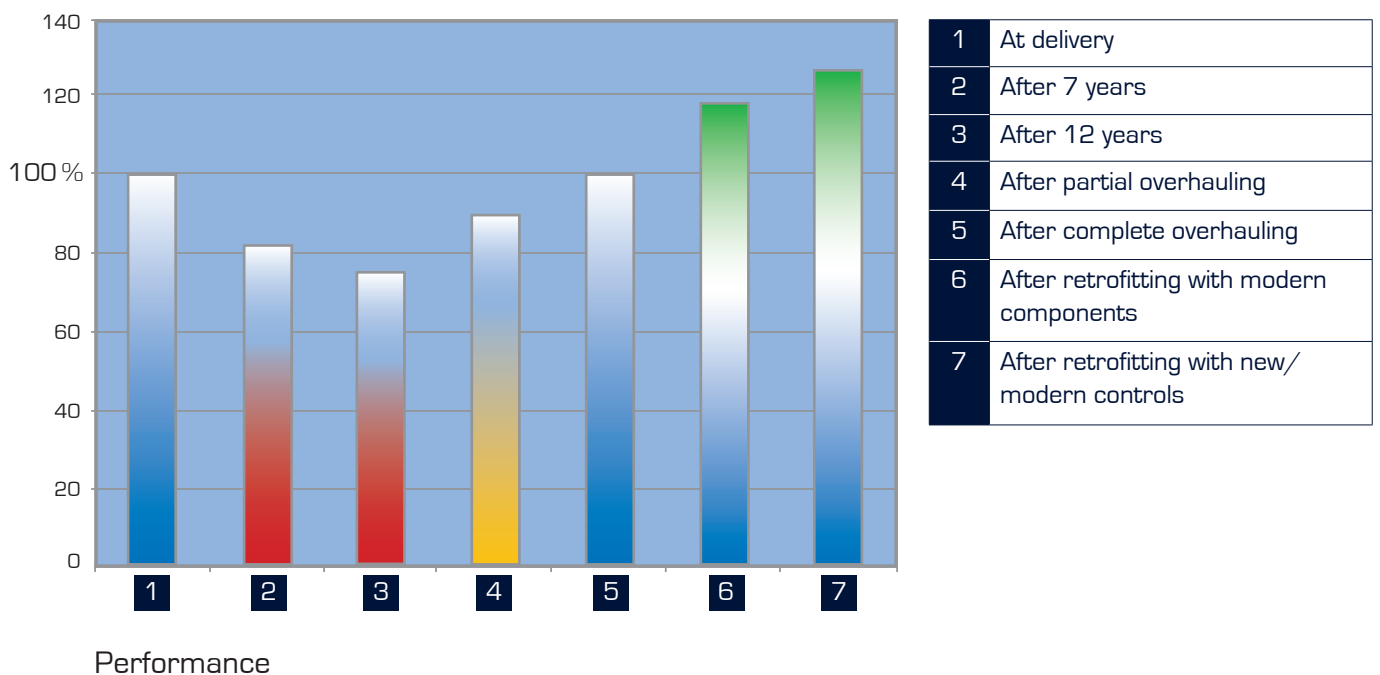
13 broaching machines for brake calipers / Maker: HOFFMANN

RETROFIT

After several years in operation a machine loses accuracy and productivity which affects the economic efficiency of the production. This is where WEMA VOGTLAND steps in. Experienced specialists make the machine fit for the second half of its operating life, i.e. they modernize the machine with new components such as new controls, automation or tool handling in order to restore its machining quality and increase its performance.

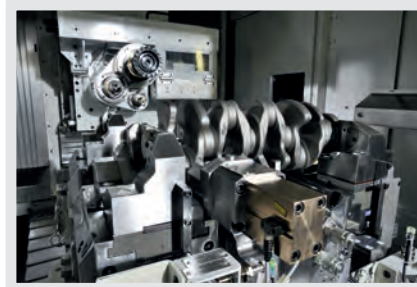


Productivity Increase through Retrofit



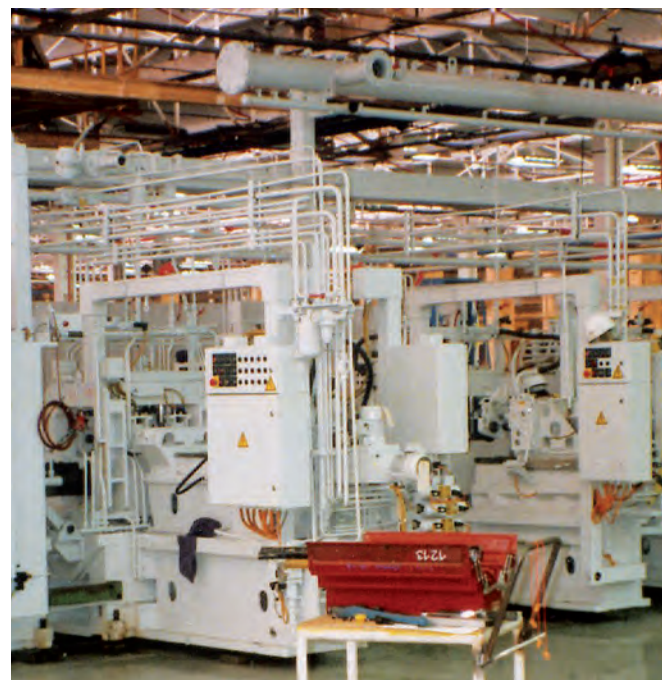
REBUILDING and RELOCATION

A specialty of WEMA VOGTLAND is the rebuilding or retooling of complete manufacturing lines with the goal of implementing new machining processes and workpiece types including supply of new fixtures. Numerous references for most different workpieces and project sizes up to turn-key systems demonstrate the company's comprehensive experience in this field.



Workpiece specific clamping fixture for the machining of crankshafts

In addition to the actual modernization, WEMA VOGTLAND also realizes combinations of machine relocations and overhaul or rebuild activities often becoming necessary when production machinery is transferred to a new location. Based on our broad logistic know-how proven in many successfully completed projects we can offer even relocations of complete manufacturing plants.



Relocation of a complete manufacturing facility with 800 containers of equipment



CYCLE TIME OPTIMIZATION

On the basis of their profound process know how and long years of experience WEMA service specialists develop suitable concepts for the increase of production output and efficiency of a machine or system, e.g. by modification of parameters, new control systems or upgrade to new technologies.

We evaluate the processes of your machines and automation systems together with you, consider all factors affecting the cycle time and analyze your CNC programs. On the basis of such a detailed study we recommend a strategy for the optimization of the cycle time and implement this strategy jointly with you. ROI for such an optimization is often reached after a short period of time.

WEMA VOGTLAND Technology GmbH

Competent Partner for Retooling, Overhauling and Service

The company WEMA VOGTLAND Technology GmbH is a leading specialist for producer-independent retooling and retrofitting of machine tools. In particular in the automotive and the automotive supply industries, but also in the non-automotive sector the name of WEMA VOGTLAND Technology stands for high technological competence in machine building, process technology and application technology.

From Plauen and Aschersleben in Germany, Alessandria in Italy and Yancheng in China the specialists of WEMA VOGTLAND Technology GmbH and its subsidiary WEMA China serve customers worldwide.

As a member of the internationally experienced Global Retool Group, WEMA Vogtland Technology GmbH has developed to become a world leader in its segment.

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