

Successful conversion of production without extensive new investments

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The reorientation of the automotive industry is in full swing and will lead to far-reaching changes in vehicle or component production. A company like GLOBAL RETOOL GROUP (GRG) can provide valuable support for the necessary conversion.



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have to be converted to fulfill new product requirements, i.e. new workpieces have to be set up and the machining processes and work sequences have to be changed. In this case, we speak of retooling.

It is also possible that retooled and overhauled existing machines have to be combined with new machines to form a complete line. In such cases, WEMA VOGTLAND takes over the process set-up and integration of the new machines independently of the manufacturer.

Often, in connection with a rebuild, machines are moved to a new location in the plant and have to be adapted to new conditions. This is another service provided by WEMA VOGTLAND. Even the turnkey relocation of entire production lines up to complete plants abroad including overhaul and retrofit of the equipment has already been realized by WEMA.

All these services are daily practice of WEMA VOGTLAND Technology GmbH.

While in the past the company was primarily involved with production expansions or retooling to new vehicle, platform, or engine models, today it is increasingly facing challenges from the technological shift toward electromobility and growing digitization.

Whether new or rebuilt – a machine park requires professional maintenance and service with short response times including the necessary spare parts. This another service provided by WEMA VOGTLAND. Maintenance concepts are developed and implemented together with the customers.

In addition, the safety assessment of machines and systems (risk assessment and CE conformity) plays an important role. This does not only apply to machines and plants rebuilt by WEMA VOGTLAND. As a service provider for other machines, the company also provides professional support and prepares the verification documentation for external customers.

One more word on the subject of cost reduction: savings through retooling or retrofitting cannot only be achieved in investment costs. Measures for the reduction of the total energy consumption, the more effective use of production areas and available resources are therefore also essential points in the projects developed by WEMA VOGTLAND for its customers.

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Summary

Erfolgreiche Produktionsumrüstung ohne umfangreiche Neuinvestitionen

Die Neuausrichtung der Automobilbranche ist in vollem Gang und wird zu weitreichenden Veränderungen in der Fahrzeug- bzw. Komponentenproduktion führen. Ein Unternehmen wie die GLOBAL RETOOL GROUP (GRG) kann bei notwendigen Umrüstungen wertvolle Unterstützung leisten.

Als international agierende Maschinenbau-Gruppe steht die GRG mit Sitz in Lebach/Saarland für gesamtheitliche und technisch komplexe Lösungen bis hin zu Turnkey-Anlagen. Mit ihren Tochterunternehmen SVQ GmbH und ...

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As an internationally operating mechanical engineering group, GRG with headquarters in Lebach/Saarland stands for integrated and technically complex solutions up to turnkey systems. With its subsidiaries SVQ GmbH and WEMA VOGTLAND Technology GmbH as well as the brands Siepmann, Spicher, SATEG and LASERplusS, GRG covers the areas of machine tool rebuilding, manufacturing automation and Industry 4.0 as well as welding and laser systems.

Within the group, WEMA VOGTLAND Technology GmbH is the specialist for manufacturer-independent rebuilding and overhaul. The company has decades of experience in the automotive and supplier industry worldwide and can verify on the basis of numerous references that investment costs could be significantly reduced by retrofitting existing equipment.

The procedure for overhaul and rebuild projects can be roughly imagined as follows:

As a rule, the first step is a survey and evaluation of the existing machines with regard to condition and suitability for rebuild.

This is followed, depending on requirements and customer wishes, by overhaul measures or a retrofit, e.g. with new drives or a new control system. In other cases machines