



**Hall 11, Booth No. E06 / F 05**

## **PRESS RELEASE**

**30 August, 2019**

### **Equipped for future challenges**

Production of the future will be the central theme of this year's EMO in Hannover.

The GLOBAL RETOOL GROUP and its subsidiaries present their comprehensive range of solutions for digitization and connectivity, automation and robotization as well as the conversion of production facilities to new parts and components for the mobility of the future.

### **WEMA VOGTLAND - efficiently adapt to changing production tasks**

Meeting the challenges of tomorrow's production with solutions for retooling and modernization of machine tools - this is the task that WEMA VOGTLAND Technology GmbH has dedicated to. It does not always take a completely new machine park to master changed production tasks because often the modernization or the expansion of existing plants is sufficient.

Due to its decades of extensive experience with a wide variety of machine types and brands, including large machines, WEMA VOGTLAND is able to act as a manufacturer-independent retooling and retrofitting supplier.

### **Business unit Large Machinery at a new location**

The business unit for retrofitting of large machinery which has been operating for two years, moved into its new location in Aschersleben. Here, a team of experienced employees from the field of large machines takes care of the modernization and service of boring mills, vertical lathes, horizontal lathes, grinding machines and portal milling machines of a "slightly larger" kind.

Service for spindle units and spare parts for all brands of large machines are just as much part of WEMA Aschersleben's portfolio as maintenance and technology support.

## **NEW: WEMA Grind – experience maximum flexibility in cylindrical grinding live at our booth**

As a highlight and novelty, WEMA VOGTLAND Italy presents the TRIPLEGRIND, a machine of its own series of cylindrical grinding machines live on the exhibition stand.

Robust, compact, flexible, modular and configurable, clever in design and of maximum engineering accuracy - this is how the new machine series presents itself. Machines are available in two different basic configurations as a T-series and a series with a cross axis.

The machine scores with the following innovative features:

- Maximum flexibility: allows to grind any round or non-round customer pieces, clamped between center and non-center points, as well as rotors and shafts of all kinds, normally without further settings
- Simple configuration according to customer requirements thanks to modular design
- Cycle time minimization through state-of-the-art grinding cycles
- Reduced retooling costs to adapt to new, flexible processes
- The ideal choice for future technologies in the automotive industry
- Extremely good accessibility for maintenance work through movable control cabinet
- Space-saving design thanks to integrated, pull-out hydraulic unit

## **GAS – Grinding as a Service**

With Grinding As a Service (GAS), the GLOBAL RETOOL GROUP launches at the exhibition its new all-round carefree package which includes an innovative rental, manufacturer monitoring, service, spare parts and an industry 4.0 application.

GAS offers the following added value for the customer:

- Low investment costs spread over the term
- Machine always under warranty
- Maintenance and spare parts included in GAS
- Spare parts included in GAS
- Short and predictable delivery
- Simplified operator instructions and manufacturer monitoring to prevent errors

## **softQare® - the Retrofit 4.0 solution for existing production plants**

Under the brand name of softQare® the GLOBAL RETOOL GROUP offers a new bundled solution comprising a software product, electrical hardware and a retrofit service package to make existing production systems fit for the future by creating the necessary connectivity through a Retrofit 4.0.

The applied software is able to collect data from multiple sources and in a variety of different formats and to pool them in one consistent format. This allows meaningful process monitoring, data analysis and predictive maintenance even in a heterogeneous machine environment.

## **New business unit Assembly Systems**

New to the GLOBAL RETOOL GROUP's portfolio is the Assembly Systems business unit. WEMA VOGTLAND Technology GmbH supplies manual, semi-automatic and fully automated assembly systems and professionally rebuilds existing equipment.

Tailored to the customers' needs, the company designs and builds systems and equipment of all sizes for the assembly of components in the car/commercial vehicle sector (engine, transmission, steering, seats, battery, etc.) and also for all other applications in the NON automotive market (sensors, power tools, mechatronics ...) – from individual stations to complete assembly lines.

## **Automation solutions for machining, welding and assembly**

With the SPICHER® brand, the GLOBAL RETOOL GROUP offers its customers highly productive and efficient solutions for parts production and component assembly.

At the exhibition, visitors can find out about the extensive product spectrum, including loading of raw parts, interlinkage and special automation solutions and even robot processing, e.g. welding, deburring, polishing etc.

We interlink individual production machines and cells and provide solutions for the automation of complete processing lines and factory halls - from loading of the rough parts to unloading of the finished parts. All products can be used for both new installations and retrofitting.

## **Grinding machines for knives and hand tools**

The GLOBAL RETOOL GROUP's long-established brand of SIEPMANN® represents stands for high quality grinding machines for the production of knives, blades and hand tools. For a wide range of production tasks, different machine types are available in several sizes.

Since automation is essential for efficient manufacturing , today the majority of SIEPMANN machines are supplied as automated grinding cells or fully automatic lines which increasingly integrate robot processing such as deburring, polishing and sharpening, as well as additional manufacturing steps. Upon request, SIEPMANN machines come equipped with Industry 4.0 capability.

The portfolio of the GLOBAL RETOOL GROUP is rounded off by engineering services with a focus on equipment design, project planning and project management, robot simulation, product development and documentation.

At the Group's stand, visitors will find a carefully chosen range of products and services whose individual components are intelligently matched, thus making the GLOBAL RETOOL GROUP an interesting turnkey partner in many production areas.

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