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AMB 2022: VOLLMER is hitting the ground running at the metalworking trade fair

Biberach an der Riss, 18th July 2022 – "2022 – We are hitting the ground running." Under this motto, the Swabian sharpening specialists VOLLMER are presenting at the AMB metalworking trade fair in Stuttgart. From 13th–17th September 2022, the machine manufacturer is presenting their 5S campaign "Sharp. Smart. Sustainable. Social. Strong." and is offering live demonstrations of sharpening machines, services and digital solutions. Among other things, they will be showcasing new features for the VHybrid 260 grinding and erosion machine as well as the tool-grinding machines from the VGrind family. VOLLMER services for maintenance or training, as well as digital V@dison solutions round off the trade fair appearance in Hall 5 at stand 5C31.

(You can also find the press release with relevant images at: https://www.vollmer-group.com/en-uk/company/press/press-releases.html)

Following the enforced break caused by coronavirus, the international world of metalworking is once again convening at the AMB trade fair in Stuttgart. This includes the sharpening specialists VOLLMER, who are presenting their full-line range of grinding, eroding and laser machines there, along with automations for unmanned machining. With their extensive range, VOLLMER always provides the ideal solution for manufacturing circular saws as well as rotary tools – regardless of the manufacturing process, and for a wide range of tool types including carbide/high-speed steel and PCD (polycrystalline diamond) tips.

VHybrid 260 with pioneering process innovation

At the AMB, interested parties can, for the first time, take a look under the microscope at the latest process innovation of the VHybrid 260 grinding and eroding machine – not just figuratively, but literally too. Thanks to an optimised eroding process, surface qualities of up to 0.05 µm/Ra (micrometre/average roughness value) can be precisely eroded.

On the VHybrid 260, surfaces on PCD tools can therefore be created in a way that has never been seen before, which is currently only possible with time-intensive and costly grinding work. This raises the question of how eroding can be further established in the future based on the process innovation in the manufacturing process.

Tool manufacturers can use the VHybrid 260 to machine as usual with reliable process management in an unmanned operation. Eroding can therefore be used, for example, as a key technology for machining for small PCD tools, such as drills and milling cutters with diameters of 1 millimetre and even smaller.

VGrind grinding machines for carbide machining

At the VOLLMER trade fair stand, the new VGrind argon tool-grinding machine can also be inspected – as with the VGrind 260 and VGrind neon, it has only recently been added to the machine manufacturer's range. As with all VGrind machines, they are based on VOLLMER's double-spindle concept, which allows for efficient multi-level machining of carbide tools via two vertically configured spindles. While the VGrind 260 can be configured to meet specific customer requirements, VGrind argon and neon are two special models that have been assembled for special applications.

The VGrind 340S grinding machine is also present at the AMB and is ideal for producing and resharpening the smallest of carbide tools with a diameter of between 0.3 and 12.7 millimetres. Such drills and milling cutters are in particularly high demand in sectors like car manufacturing, the electronics industry and medical engineering, where assembly spaces and components are becoming smaller and smaller. Furthermore, VOLLMER provides information about additional sharpening machines, such as the VLaser 370 laser machine or the QXD 250 eroding machine.

Comprehensive services for sharpening technologies

Maintenance, training and finance are at the heart of VOLLMER services, and these are increasingly digital and web-based thanks to V@dison solutions. Software solutions control sharpening machines and automated processes, and can increase machine performance as required. Smart solutions are also available for evaluating process data or cross-connecting users directly with VOLLMER services.

"With the 5S campaign – Sharp. Smart. Sustainable. Social. Strong. – we are combining our services for maximum sharpness on the cutting edge, and we

accompany this with smart services," says Jürgen Hauger, CEO of the VOLLMER GROUP. "In doing so, a clean environment and a sense of social togetherness with our customers and employees are of the utmost importance to us. At the AMB trade fair, we are pleased to present to our customers a live demonstration of how all of this makes our company stronger."

(Approx. 4600 characters)

Press images

Caption: At the AMB 2022 trade fair in Stuttgart, VOLLMER is demonstrating to the international metalworking industry their sharpening machines and services for the efficient machining of rotary tools that are made of carbide or tipped with PCD.

Caption: VOLLMER is starting 2022 off strong. At the AMB 2022, the machine manufacturer is presenting their 5S campaign: Sharp. Smart. Sustainable. Social. Strong.

About the VOLLMER GROUP
With its comprehensive range of machinery, the VOLLMER GROUP – which has sites in Germany, Austria, Great Britain, France, Italy, Poland, Spain, Sweden, the USA, Brazil, Japan, China, South Korea, India and Russia – enjoys global success as a tool machining specialist in terms of both production and service. The range of products offered by this leader in technology includes the most advanced grinding, eroding, laser and machining tools for rotary tools and circular saws in the woodworking and metalworking industries, as well as for metal-cutting band saws. With this offer, VOLLMER relies heavily on tradition and the company's strengths: Local branches, quick decisions and rapid action by a family-run company. The VOLLMER GROUP currently employs approximately 800 workers worldwide, with around 580 of these at the main headquarters in Biberach alone, including more than 75 trainees. The company invests around eight to ten per cent of its turnover in the research and development of new technologies and products. As a provider of technology and services, the VOLLMER GROUP is a reliable partner to its customers.

Further information and relevant images are available at:
https://www.vollmer-group.com/en-uk/company/press/press-releases.html

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