/PRESS RELEASE//MARCH 2021

# New power pack for the VHybrid 360 VOLLMER machine

**Biberach an der Riss, 29th March 2021 – The VHybrid 360 a combined grinding and erosion machine from VOLLMER receives more power for machining tools with PCD (polycrystalline diamond). The Swabian sharpening specialist has put together a performance package for eroding. Compared with the standard equipment, the power pack can significantly increase tool-specific efficiency. Through this, VOLLMER is achieving a new benchmark in the area of eroding rotary tooling. The performance package is offered as part of the V@dison initiative and is available as a V@ boost solution via flexible sales and rental models.**

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

The VHybrid 360 grinding and erosion machine fully captures both sharpening processes – grinding carbide tools and eroding PCD tools. This is based on multi-layer machining, which is implemented through two vertically arranged spindles. The upper spindle of the VHybrid 360 is reserved for grinding, while the lower spindle can run both grinding and erosion processes. VOLLMER has created the new performance package specifically for the erosion process, in order to further increase the efficiency of the machine.

"An internal series of tests with PCD-tipped drills has shown that the efficiency of the VHybrid 360 can be immensely increased with the performance package. We are consequently setting new benchmarks in eroding," says Dr Stefan Brand, CEO of the VOLLMER Group. "This allows flexible customer utilization of our V@ boost solution, enabling customers to easily switch between the two packages for particular tools at the press of a button."

The performance increase depends on the parameters of the tool to be machined making the performance package completely flexible in its structure. If the user wants to use it for a specific tool, they switch it on and then simply switch it off again in the same way when they are finished completely within the tool program. Depending on the invoicing model, users can variably adapt the solution to their requirements

according to the pay-per-use principle or acquire with a one-off investment within the purchase of the machine.

In general, the VHybrid 360 is suitable for the production of different cutting tools, which are used for machining processes with materials such as wood, metal or composite materials. Thanks to various automations, the VHybrid 360 enables unmanned machining of carbide and diamond tools around the clock. In addition, up to eight grinding and eroding wheel packages including coolant supply can be switched fully automatically.

"Our customers get a free allocation of 100 hours, in order to put the performance package through its paces," says Jürgen Hauger, CEO of the VOLLMER Group. "Furthermore, we are by our customers' side with further services such as training, financing or maintenance, so that they can derive maximum benefit from our machines for their individual tool machining."

(Approx. 3100 characters)

**Press images**

**Caption:** The new VOLLMER performance package for the VHybrid 360 grinding and erosion machine can significantly increase the tool-specific machining efficiency of PCD tools.

**Caption:** Tool manufacturers can completely grind and erode both standard and special tools flexibly using the VHybrid 360 grinding and erosion machine from VOLLMER.

**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 leading technology manufacturer's range of products includes the most advanced grinding, eroding, laser cutting and machining tools for rotary tools and circular saws in the woodworking and metalworking industries, as well as for metal-cutting band saws. In offering this, VOLLMER relies heavily on the company's tradition and its strengths: Local contacts for efficient communication channels, 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 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:
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