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VOLLMER puts together PCD package for improved performance

Biberach an der Riss, 19th February 2019 – The Swabian sharpening specialist VOLLMER has further optimised the machining processes for PCD (polycrystalline diamond) tools for its QXD 250 erosion machine. With its new performance package, VOLLMER is reducing the machining time and therefore significantly increasing the efficiency of the machine. This is achieved through the seamless interaction between generator technology, process parameters, gap evaluation and drive technology in the QXD 250. The company is offering a new payment model for this, which can be individually adapted to customer requirements. The performance package is part of VOLLMER's new V@dison initiative for further advancing its digital strategy.

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

"Thanks to their resistance, PCD tools have a crucial role in machining metal and composite materials," explains Dr Stefan Brand, CEO of the VOLLMER Group. "We have an extensive range of products for manufacturers of PCD tools, including the QXD 250 disc erosion machine, which we intensively worked on to achieve process optimisation. We are now offering a new performance package consisting of software and hardware, which can be used to significantly improve machine performance when it comes to efficiency."

With the QXD 250, different PCD tools can be sharpened accurately in just one set-up. The VPulse EDM generator technology ensures excellent surface quality at the highest material removal rate. In addition to the comprehensive software available for PCD tools with inserts, the ExLevel Pro software permits hybrid

sharpening (eroding and grinding) of cylindrical slugs with sintered or soldered-in PCD to produce drills, mills and reamers.

The newly developed performance package for the QXD 250 is aimed at both existing and future customers and offers cost-efficiency benefits thanks to the optimised interaction of generator technology, process parameters, gap evaluation and drive technology.

VOLLMER can retrofit the package, consisting of a software and hardware component, on any QXD 250 that is being used by a customer. Implementation is performed on-site by a service technician, who checks the machine's condition and technical requirements. VOLLMER's service also includes a test phase, during which users can test the efficiency of the performance package for their application areas on the QXD 250 without high costs and without risk.

The performance package is one of the first products from VOLLMER's new V@dison digital initiative, which aims to integrate the machine construction company's grinding and erosion machines in an IoT (Internet of Things) environment in order to help tool manufacturers implement their Industry 4.0 projects.

"We have designed this product so that it is flexible, enabling it to be activated as required – depending on whether or not the customer would like to use it for certain tools," explains Dr Stefan Brand. "The billing model is also new. After paying a flat-rate installation fee for the software and hardware, charges are based on the pay-per-use model. This means that a certain amount is due for each hour of use. For this, the customer buys a customised hourly quota from VOLLMER. No costs are incurred when the performance package is not activated."

(approx. 3600 characters)

Press images

Caption: The new performance package for VOLLMER's QXD 250 disc erosion machine is an integral part of the machine construction company's V@dison digital initiative.

Caption: Dr. Stefan Brand, CEO of the VOLLMER Group: "We are offering a new performance packet consisting of software and hardware for our QXD 250 disc erosion machine, which can be used to significantly improve machine performance when it comes to efficiency."

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 technological leader's range of products contains the most advanced grinding, erosion and machine 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 550 of these at the main headquarters in Biberach alone, including more than 50 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-us/company/press/press-releases

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