

/ PRESS RELEASE // FEBRUARY 2024

GrindingHub 2024: VOLLMER unveils four exciting innovations

Biberach an der Riss, 28th February 2024 – In May, the international trade fair GrindingHub 2024 opens its doors in Stuttgart. The Swabian sharpening specialist VOLLMER is using its trade fair presence in Hall 7 Stand D71 to showcase its portfolio of automated grinding, eroding, and laser machines, services and digital V@dison solutions. Four VOLLMER innovations are celebrating their premieres: A filtration system for cooling oil and dielectric, two eroding machines for PCD circular saws and a solution for grinding PcBN tools. VOLLMER's subsidiaries Loroach and ultraTEC innovation are also exhibiting their machines at GrindingHub.

(The press release and accompanying images can be found at the following link: <https://www.vollmer-group.com/en/company/press/press-releases#>)

The GrindingHub trade fair, which has established itself as an international hub for grinding technologies and superfinishing, is taking place for the second time since 2022. Biberach-based sharpening specialist VOLLMER, will also be represented in Stuttgart from 14th to 17th May 2024. As a full-line supplier, the global VOLLMER Group, with its subsidiaries Loroach and ultraTEC innovation covers various production technologies that can be used for the highly precise machining of rotary tools and circular and band saws from ultra-hard cutting materials.

Coolant filtration and precise PcBN machining

VOLLMER is presenting its VFS 400 filtration system for the first time at GrindingHub. Visitors to the trade fair can experience live how the space-saving system carries out ultra-fine filtration of cooling oil or dielectric during the sharpening process. Depending on the machine type, up to two VOLLMER sharpening machines can be connected to the VFS 400.

The second innovation from VOLLMER is a feature for the VGrind 360S grinding machine. Thanks to an optional dressing unit for the grinding wheel, tools with the ultra-hard cutting material PcBN (polycrystalline cubic boron nitride) can, in future, also be ground in two machining steps – first roughing and then high-precision finishing. PcBN machining is possible with the VGrind 360S because the machine

has a very high system rigidity on the one hand and the X, Y and Z axes are driven by linear induction motors on the other, which implements oscillating tool machining.

The VHybrid 260 grinding and eroding machine and the VLaser 370 laser machine can also be seen live on the VOLLMER stand. The VFS 400 filtration system is connected to the two CHX 840 and CS 860 grinding machines, which sharpen carbide-tipped circular saws. Various automated systems also document how tool manufacturers can use VOLLMER machines unmanned and around the clock.

Machines for PCD circular saws and services

Another new announcement at GrindingHub is the QS 860 and QSF 860 eroding machines, which can machine PCD-tipped (polycrystalline diamond) circular saws. Although the machines will not be on show in Stuttgart, VOLLMER will be providing information about them both digitally and in face-to-face meetings. VOLLMER's presence at the trade fair will be rounded off by services for maintenance, servicing, training, financing and digitalisation. Among them are the services of the V@dison digital initiative, which include, for example, the "Performance Package for VHybrid 260" V@ boost solution.

In addition to its machines, VOLLMER is also showcasing products and services from its subsidiaries Loroach and ultraTEC innovation. Loroach is bringing the three sharpening machines TWIN 860, Solution K850-T and KSC 710 to Stuttgart. ultraTEC innovation is providing information about its ultrasonic deburring systems, which can be used to deburr metal or plastic components without contact.

"For us as a sharpening specialist, GrindingHub is the central trade fair for presenting our innovations for tool machining to an international trade audience and for engaging in an intensive dialogue with our customers," says Jürgen Hauger, CEO of the VOLLMER Group.

(approx. 4100 characters)

Press picture



Caption: In Hall 7, Stand D71 at the Stuttgart trade fair, sharpening specialist VOLLMER awaits visitors to GrindHub 2024 to present its portfolio of automated grinding, eroding and laser machines as well as services and digital services.

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, Russia and Thailand/Taiwan – enjoys global success as a tool machining specialist in the areas of both production and service. The technological leader's range of products 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. In offering this, VOLLMER draws heavily on the company's long-standing expertise 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 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/company/press/press-releases#>)

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