

vhf surprises FESPA audience with new special model and other highlights

Active Pure – the simple and inexpensive entry into professional CNC machining of panel materials

Ammerbuch, May 16, 2023 – At this year's FESPA, vhf camufacture AG presents the *Active Pure*, a special model for panel processing which boasts its simplicity, quality and excellent price-performance ratio. The compact CNC milling machine made in Germany is technically based on the proven Active series from vhf and is suitable for the precise CNC machining of panel materials of different types – without any special requirements on the compressed air quality. For the first time, trade visitors can experience the newcomer live in Munich's exhibition hall A2 from May 23 to 26, 2023. In addition, vhf will present its high-end milling machine X as well as numerous precision milling tools from its own production.

The new CNC milling machine *Active Pure* is vhf's entry-level model when it comes to milling applications of panel materials and features a fixed basic equipment as well as a selectable travel range of 1.5 x 2 m or 2 x 3 m. The heart of the machine is a high-quality spindle with a power of 2.2 kW, which is clamped manually and reaches a maximum speed of 30.000 rpm. In addition, the vhf *Active Pure* is equipped with an automatic z-adjustment, which allows a comfortable and precise measuring of the workpiece zero point in z-direction. Furthermore, a fully integrated vacuum table is used for workpiece fixing. With these features the vhf *Active Pure* is, for example, interesting for users who have planned a prototype and series production of plastic and aluminum parts or for sign makers who are looking for a pure milling system without a cutting unit.

Regardless of the area in which the vhf *Active Pure* is used, it always guarantees a safe production process due to its proven machine concept. The high-quality machining spindle, which guides each milling tool effortlessly and precisely through a wide range of materials, also contributes to this. In combination with the integrated cooling and spraying device as well as a chip extraction system, which enables the best milling results with minimal cleaning effort – and all this at an excellent price-performance ratio. The compressed air-optimized concept of the *Active Pure* also contributes to high cost efficiency throughout the entire product life cycle. This is because there is no need for complex and therefore expensive compressed air preparation, as would be necessary for spindles with sealing air, for example – the spindle of the *Active Pure* has a labyrinth seal. Instead, users can operate the *Active Pure* with any commercially available air compressor. Depending on the panel material to be machined, compressed air may not even be required at all.

"When designing the new Active Pure, we focused on simplicity, quality and an attractive price-performance ratio for our customers," Lucas Kehl, Head of Product at vhf, summarizes the core of the development goal. "With regard to the simple, yet high-quality equipment as well as the reduced compressed air requirement, we have succeeded very well with the new CNC milling machine Active Pure. We are convinced that we have put together an equipment package that focuses on essential user requirements and thus represents a very interesting solution."

Like all vhf machines, the Active Pure is 100 % developed and manufactured in Germany at the main location Ammerbuch near Stuttgart. Only high-quality industrial components are used – true to the motto *Creating Perfection*. Furthermore, a free delivery and installation service with instruction within the DACH region as well as a free support hotline are included in the purchase of a vhf Active Pure.

Image material



With the special model Active Pure, vhf offers an easy and inexpensive entrance into the professional CNC machining of panel materials.

About vhf camufacture AG

vhf is a leading manufacturer of modern CNC milling machines and high-quality milling tools as well as a provider of intuitive CAM software. The proven mechanical engineering specialist with headquarters in Ammerbuch near Stuttgart has been offering complete milling solutions for more than 35 years - and all from one source. With international locations in New York and Shanghai, the vhf group currently employs more than 350 people and has successfully established itself as a solution provider for CNC manufacturing in industry as well as in the advertising technology and dental sectors. In Baden-Württemberg, vhf develops, designs and produces all machines and precision tools at the main location itself. True to the motto *Creating Perfection*, this means for vhf customers best quality made in Germany paired with excellent service and support.

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