

YOUR ENTRY INTO PLATE PROCESSING.

The CNC milling machine Active Pure.



Complete package from one source

The Active Pure has optimally matching equipment and is ready for immediate use thanks to the included software. Simply choose between two possible mounting areas: 1.5×2 m or 2×3 m. The matching tools from our own production are also available directly from vhf – everything from one source.



So simple. So affordable.

Getting started in CNC plate processing is easy and affordable with the Active Pure: A pre-defined equipment package with a focus on essential functional features makes it possible. Without compromising on quality, service and support.



Milling with and without compressed air

Simply operate the Active Pure for machining metal with any commercially available compressor. Because a complex and expensive compressed air preparation is not necessary for the use of the cooling/spraying unit. Or you can do without compressed air at all. This is possible, for example, for the dry machining of plastics, wood and aluminium composites.



Approved machine concept

vhf has been building CNC milling machines for 35 years – and this with great success. The special model Active Pure, which is technically based on the proven Active series, also benefits from this success and marks the entry into CNC plate processing. As with all vhf machines, only high-quality industrial components are used for the Active Pure – true to the claim *Creating Perfection*.



Excellent service and support

The Active Pure is available in Germany, Austria and Switzerland including free delivery, setup and instruction. For other countries, we will be pleased to provide you with favorable rates on request. vhf experts are always available for advice and can be reached via a free support hotline.



TECHNICAL DATA

BASIC SYSTEM

Mounting area	two sizes available: 1,500 × 2,000 mm or 2,000 × 3,000 mm
Construction	high-strength aluminium panel profiles
Drives	reversed rack-and-pinion drive with precise double linear guides and hybrid motors for X and Y axis high-revving hybrid motors with gearing for X and Y axis Z axis with ball screw spindles free from backlash with flanged bearings
Repetition accuracy	± 0.05 mm X/Y axis, ± 0.01 mm Z axis
Positioning speed	180 mm/s X/Y axis
Vacuum table	workpiece changes in a matter of seconds due to suction units integrated in the machine table with individually switchable zones

EQUIPMENT

Milling spindle	air-cooled rotary current spindle with manual clamping, up to 30,000 rpm, S1 = 2,200 W, ER25 interface, clamping range up to 16 mm shank diameter, labyrinth seal
Suction unit	reliable chip removal when milling plastics, wood and metals; protection against contact during working process due to monitored suction shoe
Tool cooling	manual cooling and spraying unit
Workpiece height measurement	automatic Z-adjustment

 **made**
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 **Germany**

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 CREATING PERFECTION