

Wet cutting machines for small and medium sized workpieces – series VN-300 A



The wet cutting machines in **Series VN-300 A** are characterised by their very large cutting area. All machines are designed in powder-coated welded structure. To be used for Corundum-, Rubber-, Diamond- or CBN-cutting discs.



VN-300 A1

Wet cutting machine for small and medium-sized workpieces with lift top, cutting disk adjustment with hand lever.

VN-300 A2

Wet cutting machine for small and medium-sized workpieces with lift top, cutting disk adjustment using servo axis.

All the machines in this series are certified with the CE mark in accordance with EC guideline 2006/42EG.

Characteristics:

- + Low-maintenance, long-life servo drives, stageless regulation
- + Clamping table with manual cross travel (Y-axis)
- + Fixed table
- + Side openings to insert longer workpieces
- + Chop, longitudinal and oscillation cut
- + Easy operation using touch display up to 10 programmes storable per cutting mode

Optional:

- Magnetic filter or belt magnetic filter unit
- Laser display of the cutting line, infeed and outlet and removal units
- Clamping equipment and side feed opening for long parts
- Base cabinet, infinitely variable speed control

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Technical details:

	VN-300 A1	VN-300 A2
Main motor 400 V, 50 Hz, 3-phase rotary current	4.0 kW	4.0 kW
Max. cutting disc size	300 x 2.5 x 32 mm	300 x 2.5 x 32 mm
Circumferential speed fixed	45 m/s	45 m/s
Circumferential speed variable*	25 – 70 m/s	25 – 70 m/s
Clamping surface table Width x Depth 5 T-slots	350 x 250 mm 14 mm DIN 650	350 x 250 mm 14 mm DIN 650
Z-axis-cutting disk adjustment	Hand lever 200 mm	Servo axis 200 mm
X-axis-longitudinal machine table adjustment using servo axis	285 mm	285 mm
Y-axis-cross machine table adjustment using hand lever	40 mm	40 mm
Coolant pump	25 l/min	25 l/min
Coolant container	approx. 80 l	approx. 80 l
Interior lighting 24VDC	LED 9 W	LED 9 W
Machine dimension with hood closed (Width x Height x Depth)	1,000 x 800 x 1,000 mm	1,000 x 800 x 1,000 mm
Weight	280 kg	280 kg
Electrical connections 230/400 V, 50 Hz	4.6 kW / 16 A	4.6 kW / 16 A

*optional

Everything from a single source:

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects** we are able to offer you not just production and specialist cutting-off machines but also the appropriate testing technology to test surfaces as well as for dimensional accuracy.

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