

Semi-automatic or fully automatic wet cutting machine – series MN-350A



Semi-automatic or fully automatic wet cutting machines of the **series MN-350A1–A3** are designed with a very sturdy way.



- 1 Operating interface with joysticks and touchscreen panel for all servo axes.
- 2 Big inside space with extremely long movement of the table and of the cutting wheel.
- 3 Mobile water tank with dirt filter, inside machine stand or at side. Optional with magnetic filter.

MN-350A1

Hand lever machine with servo driven x-axis and manual y-cross axis. For automatically longitudinal and pulse cutting.

MN-350A2

Fully automated machine with servo driven x-axis and manual y-cross axis and servo driven z-axis. Automatically longitudinal-, puls- and oscillation cutting.

MN-350A3

Additionally with servo driven cross-axis movement (y-axis).

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

Characteristics:

- + Control panel with touchscreen display and joystick for all servo axes
- + Fixed table with T-slots
- + Wet parting mechanism, special clamping device
- + Swiveling worktable
- + Laser for positioning the table to the cutting wheel

- + Lateral feedthroughs left and right
- + Automatic crop cut and pulse cut function
- + Integrated water box V= 100 l, pump 60 l/min
- + Drive power 7.5 kW
- + Max. cutting wheels Ø 350 mm

Optional:

- Infinitely variable speed control
- Laser device
- Collection basket for small parts
- Band or magnetic filter, filter bag holder
- Centrifugal separator
- Different clamping devices
- Cutting wheels

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Technical details:

	MN-350A1	MN-350A2	MN-350A3
Main drive 400 V, 50 Hz, 3 Phases current	7.5 kW	7.5 kW	7.5 kW
Max. cutting wheel size	350 x 3.0 x 32 mm	350 x 3.0 x 32 mm	350 x 3.0 x 32 mm
Circumferential fixed speed	45 m/s	45 m/s	45 m/s
Circumferential variable speed*	25–63 m/s	25–63 m/s	25–63 m/s
Tool table	Width x Depth 400 x 400 mm	Width x Depth 400 x 400 mm	Width x Depth 400 x 400 mm
	5 T-slots 14 mm DIN 650	5 T-slots 14 mm DIN 650	5 T-slots 14 mm DIN 650
Z-axis-cutting wheel	Hand lever 255 mm	Hand lever 255 mm	Servo axis 255 mm
X-axis-longitudinal table of machine	Servo axis 400 mm	Servo axis 400 mm	Servo axis 400 mm
Y-axis-cross table of machine	Hand wheel 100 mm	Hand wheel 100 mm	Servo axis 100 mm
Rate of feed	0.05–9.9 mm/s	0.05–9.9 mm/s	0.05–9.9 mm/s
Greatest speed – rapid traverse	85 mm/s	85 mm/s	85 mm/s
Coolant pump	60 l/min	60 l/min	60 l/min
Water box	approx. 100 l	approx. 100 l	approx. 100 l
Interior lighting 24 VDC	24 V – LED 7 W	24 V – LED 7 W	24 V – LED 7 W
Machine dimension with operating display (Width x Height x Depth)	820 x 1,810 x 1,560 mm	820 x 1,810 x 1,560 mm	820 x 1,810 x 1,560 mm
Weight	620 kg	650 kg	680 kg
Electrical connections	9.5 kW / 32 A	9.5 kW / 32 A	9.5 kW / 32 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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