

Semi-automatic or fully automatic wet cutting machine – series CN-432 A



The series CN-432 A1-A3 is able to fulfill extreme cutting tasks owed to its huge motor capacity.

Optional:

- Infinitely variable speed control
- Laser device
- Collection basket for small parts
- Band or magnetic filter, filter bag holder
- With magnetic filter: water tank outside of the machine left
- Different clamping devices
- Cutting wheels



CN-432 A1

Hand lever machine with cross table (longitudinal: servocontrolled; cross: manual). For automatically longitudinal and pulse cutting.

CN-432 A2

Fully automatic machine with servo-controlled longitudinal and cutting wheel movement; manual cross movement. Automatic: chop cut, pulse cut, oscillation cut.

CN-432 A3

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



1 Control panel with touchscreen display and joysticks for all servo axes. Clearly arranged operating soft touch with preselection of the cutting program.

2 Big inside space with extremely long movement of the table and of the cutting wheel.

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

Characteristics:

- + Sturdy, welded machine design
- + Machine completely powder coated
- + Main drive 18.5 kW
- + Max. dimension cutting wheel Ø 432 mm
- + Movement of axes stepless by joystick
- + Storable cutting programs
- + All servo axes with full-automatic speed control
- + Mobile water box with integrated screen for coarse dirt, inside or at side of the machine
- + Hand lever with push button, to fix the cutting wheel position for longitudinal cutting
- + Cutting longitudinal up to 625 mm
- + Side openings for long material

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Technical details:

	CN-432 A1	CN-432 A2	CN-432 A3
Main drive 400 V, 50 Hz, 3 Phases current	18.5 kW	18.5 kW	18.5 kW
Max. cutting wheel size	432 x 3.5 x 32 mm	432 x 3.5 x 32 mm	432 x 3.5 x 32 mm
Circumferential fixed speed	25 – 70 m/s	25 – 70 m/s	25 – 70 m/s
Circumferential variable speed*	25 – 63 m/s	25 – 63 m/s	25 – 63 m/s
Tool table Width x Depth 5 T-slots	480 x 450 mm 14 mm DIN 650	480 x 450 mm 14 mm DIN 650	480 x 450 mm 14 mm DIN 650
Z-axis-cutting wheel	Hand lever 300 mm	Servo axis 300 mm	Servo axis 300 mm
X-axis-longitudinal table of machine	Servo axis 625 mm	Servo axis 625 mm	Servo axis 625 mm
Y-axis-cross table of machine	Hand wheel 120 mm	Hand wheel 120 mm	Servo axis 120 mm
Rate of feed	0,1 – 9,9 mm/s	0,1 – 9,9 mm/s	0,1 – 9,9 mm/s
Greatest speed – rapid traverse	85 mm/s	85 mm/s	85 mm/s
Coolant pump	64 l/min	64 l/min	64 l/min
Water box	approx. 150 l	approx. 150 l	approx. 150 l
Interior lighting 24 VDC	24 V – LED 11 W	24 V – LED 11 W	24 V – LED 11 W
Machine dimension with operating display (Width x Height x Depth)	2,030 x 1,880 x 1,750 mm	2,030 x 1,880 x 1,750 mm	2,030 x 1,880 x 1,750 mm
Weight	1,150 kg	1,180 kg	1,180 kg
Electrical connections	22 kW / 64 A	22 kW / 64 A	22 kW / 64 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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