

Fixed wet cutting machine for medium and large workpieces – series CN-500/600



The **CN-500/600 series** is able to fulfill extreme cutting tasks because of its huge motor capacity.



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

Characteristics:

- + Sturdy, welded machine design
- + Huge sliding door, completely powder coated
- + Main drive 18,5 kW – 30 kW
- + Max. dimension cutting wheel Ø 500/600 mm
- + Movement of axes stepless by joystick
- + Storable cutting programs
- + Low maintenance, long life hydraulic gears
- + Loading by crane possible
- + Chop cut, longitudinal cut, oscillation cut

Optional:

- Magnetic filter or belt filter
- Laser indicating of cutting line
- Centrifugal separator
- Different clamping devices

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Technical details:

	CN-500	CN-600
Main drive 400 V, 50 Hz, 3 Phases current	18.5 kW	30 kW
Max. cutting wheel size	500 x 5.0 x 32 mm	600 x 5.0 x 32 mm
Circumferential fixed speed	45 m/s	45 m/s
Circumferential variable speed*	25 – 65 m/s	25 – 65 m/s
Table with T-slots	Width x Depth 5 T-slots	800 x 600 mm 14 mm DIN 650
Z-axis-cutting wheel adjustment by hydraulic cylinder	Z-axis: 380 mm X-axis: 450 mm Y-axis: 150 mm	Z-axis: 440 mm X-axis: 600 mm Y-axis: 200 mm
Rate of feed	0.1 – 6,0 mm/s	0.1 – 6,0 mm/s
Greatest speed – rapid traverse	120 mm/s	120 mm/s
Oscillation speed	0.1 – 2,0 mm/s	0.1 – 2,0 mm/s
Coolant pump (including bed flushing)*	100 l/min	100 l/min
Water box	approx. 170 l	approx. 170 l
Machine dimension (Width x Height x Depth)	1,850 x 2,060 x 2,000 mm	2,950 x 2,200 x 1,950 mm
Weight	1,850 kg	3,500 kg
Electrical connections 230/400 V, 50 Hz	20,5 kW / 63 A	34 kW / 80 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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