



		Magnutom-5000
Cutting capacity	Height x Length	190 x 254 mm (7.5 x 10") 184 x 394 mm (7.2 x 15.5") - COW above table 114 x 612 mm (4.5 x 24.1") - COW under table
	Diameter	190 mm (7.5")
	Cutting length	394 mm (15.5") - COW above table 612 mm (24.1") - COW under table
	Cut-off wheel	
	Diameter	508 mm (20")
	Arbor diameter	32 mm (1.26")
Cut-off wheel motor	Rotational speed	1000 - 2500 rpm
Positioning and feed	Positioning range	X: 370 mm (14.6") Y: 394 mm (15.1") Z: 213 mm (8.4") R: 360°
	Max. positioning speed	X: 50 mm/s (2"/s) Y: 70 mm/s (2.8"/s) Z: 40 mm/s (1.6"/s) R: 18°/s
	Feed speed range	0.05-10 mm/s in 0.05 mm steps (2-400 mils/s in 2 mils steps)
	Cutting table (fixed)	
	Width	751 mm (29.6")
	Depth	781 mm (30.7")
	T-slots	12 mm (0.48")
Cutting table (x-table)	Width	524 mm (20.6")
	Depth	781 mm (30.7")
	T-slots	12 mm (0.48")
Cutting table (x-table with rotary table)	Size	Octagonal 493 mm (19.4")
	T-slots	12 mm (0.48")
Laser		Laser class up to 2M
Software and electronics	Controls	Touch pad, joystick, buttons
	Display	TFT-color 5.7", 320 x 240 dots with LED back light
Safety standards		CE-labeled according to EU directives
REACH		For information about REACH, contact your local Struers office.



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Operating environment	Surrounding temperature - storage/transport	5 - 40 °C (40 - 105 °F) / 0 - 60 °C (32 - 140 °F)
	Humidity - storage/transport	10 - 85 % RH, non-condensing / 0 - 90 % RH, non-condensing
Power supply	Voltage/frequency	3 x 380-480V / 50-60Hz
	Power inlet	3L + (N) + PE
	Power S1	11 kW (14.7 hp)
	Power S3 15%	16 kW (21.5 hp)
	Current, nominal load	34 A
	Current, max.	48 A
	Ampere rating of the largest motor or load	31 A
Cooling system		Coolimat-2000
Safety Circuit Categories/Performance Level	Guard interlock	PL d
	Guard interlock lock, chamber access	PL c
	Guard interlock lock, afterrun after STOPI	PL a
	Guard interlock lock, afterrun after power fail	PL a
	Axis hold-to-run with speed monitoring	PL c
	Axis speed monitoring with hold-to-run	PL d
	Emergency stop	PL c
	Unintended start of fluid system	PL b
Exhaust	Recommended capacity	700 m ³ /h (25000 ft ³ /h) at 0 mm (0") water gauge.
Advanced features	X-table, automatic	Yes - option
	X-stand, manual	No
	Rotary table	Yes - option
Noise level	A-weighted sound emission pressure level at workstations	LpA = 69.2 dB(A) (measured value). Uncertainty K = 4 dB(A) Measurements made in accordance with EN ISO 11202



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Dimensions and weight	Width	1866 mm (73.5")
	Width (front door open)	1964 mm (77.3")
	Width (side door open)	2508 mm (98.7")
	Width (both doors open)	2605 mm (102.6")
	Width (with tunnel)	2180 mm (85.8")
	Depth	1462 mm (57.6")
	Height	1944 mm (76.5")
	Weight	2650 kg (5840 lbs)