

		<b>Discotom-100</b>
<b>Capacity</b>	Height x Length	65 x 160 mm (2.6 x 6.3")
	Diameter	119 mm (4.7")
	Cutting length	195 mm (7.7")
<b>Cut-off wheel</b>	Diameter	300 mm (12")
	Arbor diameter	32 mm (1.26")
<b>Cut-off wheel motor</b>	Rotational speed	1500-3000 rpm
	Height adjustment of cut-off wheel	165 mm (6.5")
<b>Cutting table</b>	Width	538 mm (21.2")
	Depth	270 mm (10.6")
	T-slots	10 mm (0.39")
	Max. positioning speed	Y = 20 mm/s (0.8"/s). X= 10 mm/s (0.4"/s)
	Feed speed	0.05-2.5 mm/s in 0.05 mm steps (2-200 mils/s in 2 mils steps)
<b>Laser</b>		Optional (Laser class up to 2M)
<b>Software and electronics</b>	Controls	Touch pad
	Display	LCD, TFT-color 5.7", 320 x 240 dots with LED back light
<b>Safety standards</b>		CE-labeled according to EU directives
<b>REACH</b>		For information about REACH, contact your local Struers office.
<b>Operating environment</b>	Surrounding temperature	5 - 40°C (41 - 104°F)
	Humidity	35 - 85 % RH non-condensing
<b>Power supply 1</b>	Voltage/frequency	3 x 200-240 V / 50-60 Hz
	Power inlet	3L + (N) + PE
	Power S1	4 kW (5.4 hp)
	Current, nominal load	16 A
	Current, max.	30 A
	Ampere rating of the largest motor or load	14.7 A

		<b>Discotom-100</b>
<b>Power supply 2</b>	Voltage/frequency	3 x 380-480 V / 50-60 Hz
	Power inlet	3L + (N) + PE
	Power S1	4 kW (5.4 hp)
	Current, nominal load	8 A
	Current, max.	15 A
	Ampere rating of the largest motor or load	8.5 A
<b>Cooling system</b>		Cooling system 4
<b>Exhaust</b>	Recommended capacity	50 m <sup>3</sup> /h (1750 ft <sup>3</sup> /h) at 0 mm (0") water gauge.
<b>Advanced features</b>	X-table, automatic	Yes, size 240 x 270 mm (9.4" x 10.6")
	X-stand, manual	No
	Rotary stand	No
<b>Safety Circuit Categories/Performance Level</b>	Emergency stop	PL c, Category 1 Stop category 0
	Safety guard	PL d, Category 3 Stop category 0
	Safety guard lock	PL a, Category B Stop category 0
	Unintended start of recirculation fluid	PL b, Category 1
	Hold-to-run function	PL d, Category 3 Stop category 0
<b>Residual Current Circuit Breaker (RCCB)</b>		Type B, 30 mA (or better) is required
<b>Noise level</b>	A-weighted sound emission pressure level at workstations	LpA = 79.5 dB(A) (measured value). Uncertainty K = 4 dB(A) Measurements made in accordance with EN ISO 11202
<b>Vibration level</b>	Declared vibration emission	Total vibration exposure to upper parts of the body does not exceed 2.5 m/s <sup>2</sup> .



**TECHNICAL DATA**

**Discotom-100**

		Discotom-100
<b>Dimensions and weight</b>	Width (main body)	92 cm (36.1")
	Width (with handle and flushing gun)	105 cm (41.4")
	Width (one tunnel)	Left: 140 cm (55.1")
	Width (two tunnels)	N/A
	Depth	89 cm (34.9")
	Height (guard closed, handle included)	87 cm (34.2")
	Height (guard open)	108 cm (42.5")
	Weight	204 kg (450 lbs)

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