

		Discotom-10
Capacity	Height x Length	65 x 150 mm (2.6 x 5.9")
	Diameter	94 mm (3.7")
	Cutting length	190 mm (7.5")
Cut-off wheel	Diameter	250 mm (9.8")
	Arbor diameter	32 mm (1.26")
Cut-off wheel motor	Rotational speed	2900 rpm
	Height adjustment of cut-off wheel	165 mm (6.5")
Cutting table	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)
Laser		Optional (Laser class up to 2M)
Software and electronics	Controls	Touch pad
	Display	LCD, 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.
Operating environment	Surrounding temperature	5 - 40 °C (41 - 104 °F)
	Humidity	35 - 85 % RH non-condensing
Power supply 1	Voltage/frequency	3 x 200 V (50 Hz)
	Power inlet	3L + (N) + PE
	Power S3 70%	2.5 kW (3.4 hp)
	Current, nominal load	10.8A
	Current, max.	21.6A
	Ampere rating of the largest motor or load	9.6 A

		Discotom-10
Power supply 2	Voltage/frequency	3 x 200-210 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S3 70%	3 kW (4 hp)
	Current, nominal load	11.8 A
	Current, max.	23.6 A
	Ampere rating of the largest motor or load	10.6 A
	Power supply 3	Voltage/frequency
Power inlet		3L + (N) + PE
Power S3 70%		2.5 kW (3.4 hp)
Current, nominal load		9.6 A
Current, max.		19.2 A
Ampere rating of the largest motor or load		8.4 A
Power supply 4		Voltage/frequency
	Power inlet	3L + (N) + PE
	Power S3 70%	3 kW (4 hp)
	Current, nominal load	10.8A
	Current, max.	21.6A
	Ampere rating of the largest motor or load	9.6 A
	Power supply 5	Voltage/frequency
Power inlet		3L + (N) + PE
Power S3 70%		2.5 kW (3.4 hp)
Current, nominal load		5.4 A
Current, max.		10.8 A
Ampere rating of the largest motor or load		4.8 A
Power supply 6		Voltage/frequency
	Power inlet	3L + (N) + PE
	Power S3 70%	3 kW (4 hp)
	Current, nominal load	6.1 A
	Current, max.	12.2 A
	Ampere rating of the largest motor or load	5.5 A

		Discotom-10
Power supply 7	Voltage/frequency	3 x 460-480 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S3 70%	3 kW (4 hp)
	Current, nominal load	5.4 A
	Current, max.	10.8 A
	Ampere rating of the largest motor or load	4.8 A
	Cooling system	
Exhaust	Recommended capacity	50 m ³ /h (1750 ft ³ /h) at 0 mm (0") water gauge.
Advanced features	X-table, automatic	Yes. Size 240 x 270 mm (9.4" x 10.6")
	X-stand, manual	No
	Rotary stand	No
Safety Circuit Categories/Performance Level	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
	Residual Current Circuit Breaker (RCCB)	
Noise level	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
Vibration level	Declared vibration emission	Total vibration exposure to upper parts of the body does not exceed 2.5 m/s ² .



TECHNICAL DATA

Discotom-10

		Discotom-10
Dimensions and weight	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	200 kg (441 lbs)

Doc. no.: 16257750_E_en
Date of release: 2024.07.03