

		<b>Labotom-20</b>
<b>Capacity</b>	Height x Length	95 x 200 mm (3.7" x 10")
	Diameter	110 mm (4.7")
	Cutting length	305 mm (12")
<b>Cut-off wheel</b>	Diameter	350 mm (14")
	Arbor diameter	32 mm (1.3")
<b>Cut-off wheel motor</b>	Rotational speed	2500 rpm
	Height adjustment of cut-off wheel	-
<b>Cutting table</b>	Width	340 mm (13.4")
	Depth	313 mm (12.3")
	T-slots	T-slot with exchangeable T-slot plates, 10 mm (4 pcs. + 3 pcs.)
	Feed speed	Manual control
<b>Laser</b>		Class 2M
<b>Software and electronics</b>	Controls	Touch pad
	Display	N/A
<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 V (50 Hz)
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	5.5 kW (7.4 hp)
	Power S3 15 %	7.5 kW (10 hp)
	Current, nominal load	22.9 A
	Current, max.	45.8 A
	Ampere rating of the largest motor or load	21.9 A

		<b>Labotom-20</b>
<b>Power supply 2</b>	Voltage/frequency	3 x 200 - 210 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	6.6 kW (8.8 hp)
	Power S3 15 %	8.5 kW (11.4 hp)
	Current, nominal load	27.1 A
	Current, max.	54.2 A
	Ampere rating of the largest motor or load	26.1 A
	<b>Power supply 3</b>	Voltage/frequency
Power inlet		3L + (N) + PE
Power S1		N/A
Power S3 60%		5.5 kW (7.4 hp)
Power S3 15 %		7.5 kW (10 hp)
Current, nominal load		20.1 A
Current, max.		40.2 A
Ampere rating of the largest motor or load		19.1 A
<b>Power supply 4</b>		Voltage/frequency
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	6.6 kW (8.8 hp)
	Power S3 15 %	8.5 kW (11.4 hp)
	Current, nominal load	22.5 A
	Current, max.	45 A
	Ampere rating of the largest motor or load	21.5 A

		<b>Labotom-20</b>
<b>Power supply 5</b>	Voltage/frequency	3 x 380 - 415V (50 Hz)
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	5.5 kW (7.4 hp)
	Power S3 15 %	7.5 kW (10 hp)
	Current, nominal load	12 A
	Current, max.	24 A
	Ampere rating of the largest motor or load	11 A
<b>Power supply 6</b>	Voltage/frequency	3 x 380 - 415V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	6.6 kW (8.8 hp)
	Power S3 15 %	8.5 kW (11.4 hp)
	Current, nominal load	13.4 A
	Current, max.	26.8 A
	Ampere rating of the largest motor or load	12.4 A
<b>Power supply 7</b>	Voltage/frequency	3 x 460 - 480 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S1	N/A
	Power S3 60%	6.6 kW (8.8 hp)
	Power S3 15 %	8.5 kW (11.4 hp)
	Current, nominal load	12.4 A
	Current, max.	24.8 A
	Ampere rating of the largest motor or load	11.4 A
<b>Cooling system</b>	Option	Cooling System 4
<b>Exhaust</b>	Recommended capacity	150 m <sup>3</sup> /h (5300 ft <sup>3</sup> /h) at 0 mm (0") water gauge.
<b>Advanced features</b>	X-table, manual	Option
	X-stand, manual	N/A
	Rotary stand	N/A

<b>Labotom-20</b>		
<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 c, Category 1 Stop category 0
<b>Residual Current Circuit Breaker (RCCB)</b>		Type A, 30 mA (or better) is required
<b>Noise level</b>	A-weighted sound emission pressure level at workstations	LpA = 72 dB(A) (measured value). Uncertainty K = 4 dB
<b>Vibration level</b>	Declared vibration emission	a <sub>nd</sub> = 0.5 m/s <sup>2</sup> (measured value). Uncertainty K = 0.2 m/s <sup>2</sup>
<b>Dimensions and weight</b>	Width (main body)	73 cm (28.9")
	Width (with handle)	89 cm (35.2")
	Width (one tunnel)	Left: 134 cm (52.8") Right: 126 cm (49.4")
	Width (two tunnels)	170 cm (67")
	Depth	94 cm (37.1")
	Height (guard closed, handle included)	90 cm (35.6")
	Height (guard open)	122 cm (48")
	Weight	225 kg (496 lbs)