

		Labotom-5
Capacity	Height x Length	42 x 120 mm (1.7" x 4.7")
	Diameter	90 mm (3.5")
	Cutting length	135 mm (5.3")
Cut-off wheel	Diameter	250 mm (10")
	Arbor diameter	32 mm (1.26")
Cut-off wheel motor	Rotational speed	2910 rpm (50 Hz)/3520 rpm (60 Hz)
	Height adjustment of cut-off wheel	-
Cutting table	Width	316 mm (12.4")
	Depth	225 mm (8.9")
	T-slots	T-slot with exchangeable T-slot plates, 10 mm (6 pcs. + 1 pc.)
	Feed speed	Manual control
Laser		Option (Laser class up to 2M)
Software and electronics	Controls	Button foil
	Display	-
Safety StandardsSafety standards		See the Declaration of Conformity
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 60%	2.2 kW (3 hp)
	Power S3 15 %	3.2 kW (4.3 hp)
	Current, nominal load	9.6 A
	Current, max.	19.2 A
	Ampere rating of the largest motor or load	8.6 A

		Labotom-5
Power supply 2	Voltage/frequency	3 x 200 - 210 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S3 60%	2.2 kW (3 hp)
	Power S3 15 %	3.2 kW (4.3 hp)
	Current, nominal load	10.4 A
	Current, max.	20.8 A
	Ampere rating of the largest motor or load	9.4 A
	Power supply 3	Voltage/frequency
Power inlet		3L + (N) + PE
Power S3 60%		2.2 kW (3 hp)
Power S3 15 %		3.2 kW (4.3 hp)
Current, nominal load		8.5 A
Current, max.		17 A
Ampere rating of the largest motor or load		7.5 A
Power supply 4		Voltage/frequency
	Power inlet	3L + (N) + PE
	Power S3 60%	2.2 kW (3 hp)
	Power S3 15 %	3.2 kW (4.3 hp)
	Current, nominal load	9.2 A
	Current, max.	18.4 A
	Ampere rating of the largest motor or load	8.2 A
	Power supply 5	Voltage/frequency
Power inlet		3L + (N) + PE
Power S3 60%		2.2 kW (3 hp)
Power S3 15 %		3.2 kW (4.3 hp)
Current, nominal load		5.3 A
Current, max.		10.6 A
Ampere rating of the largest motor or load		4.3 A

		Labotom-5
Power supply 6	Voltage/frequency	3 x 380 - 415 V (60 Hz)
	Power inlet	3L + (N) + PE
	Power S3 60%	2.2 kW (3 hp)
	Power S3 15 %	3.2 kW (4.3 hp)
	Current, nominal load	5.7 A
	Current, max.	11.4 A
	Ampere rating of the largest motor or load	4.7 A
	Power supply 7	Voltage/frequency
Power inlet		3L + (N) + PE
Power S3 60%		2.2 kW (3 hp)
Power S3 15 %		3.2 kW (4.3 hp)
Current, nominal load		5.2 A
Current, max.		10.4 A
Ampere rating of the largest motor or load		4.2 A
Cooling system		Option
Exhaust	Recommended capacity	50 m ³ /h (1750 ft ³ /h)
Advanced features	X-table, manual	N/A
	X-stand, manual	N/A
	Rotary stand	N/A
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 c, Category 1 Stop category 0
Residual Current Circuit Breaker (RCCB)		Type A, 30 mA (or better) is required
Noise level	A-weighted sound emission pressure level at workstations	LpA = 70.5 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

Labotom-5

		Labotom-5
Dimensions and weight	Width (main body)	70 cm (27.6")
	Width (with handle and flushing gun)	96 cm (37.8")
	Width (one tunnel)	Left: 132 cm (52")
	Width (two tunnels)	N/A
	Depth	76 cm (30")
	Height (guard closed, handle included)	53 cm (20.8")
	Height (guard open)	90 cm (35.4")
	Weight	75 kg (165 lbs)

Doc. no.: 16047750_D_en
Date of release: 2023.09.12