



Technical data

Subject	Metric/International	US	
Cutting Specifications			
Workpiece Dimensions (max.)	<i>Workpiece inside cutting chamber:</i>		
	Height	250 mm	10"
	Width	650 mm	25.6"
	Depth	550 mm	20"
	<i>Workpiece protruding cutting chamber*:</i>		
	Height	165 mm	6.5"
Depth	360 mm	14.2"	
Cutting Capacity **	Max. cutting diameter	160 mm	6.3"
	<i>Rectangular sample:*** (In brackets with AxioCut option)</i>		
	Height	100 mm (100 mm)	3.9" (3.9")
	Depth	300 mm (450 mm)	11.8" (17.7")
Physical Specifications			
Cutting Motor	Cutting power, constant [S1]	7.5 - 9.0 kW	10 - 12 HP
	Cutting power, intermittent [S3, 15%]	10.9 - 13.0 kW	14 - 17 HP
	Maximum power	15 - 18 kW	20 - 24 HP
Cut-off Wheel	Diameter x Thickness x Centre-hole	432 x 3 x 32 mm	17 x 0.12 x 1.26"
	Rotational speed (running idle)	1950 rpm	1950 rpm
Positioning & Feed	Positioning range (of cut-off wheel)	0 - 250 mm	0 - 9.8"
	Max. positioning speed	50 mm/s	2.0"/s
	Feed Speed range (adjustable in steps of)	0.05 - 5 mm/s (0,05 mm/s)	0.002 - 0.2"/s (0.002"/s)
	Cutting force	Max. 700 N	Max. 150 lbf
Cutting table	Width	2 x 297 mm	2 x 11.7"
	Depth	564 mm	22.2"
	T-slots	12 mm	0.48"
Dimensions and Weight	Height (closed/open hood)	1756/2300 mm	69/90.5"
	Width (ex/including control panel)	1050/1350 mm	41.3"/53.1"
	Depth	1500 mm	59.1"
	Weight	820 kg	1810 lbs
X-table (Optional)	Positioning range	0-150 mm	0-5.9"
Coolimat-200 bandfilter (Optional)	Tank volume	200 l	53 gallons
	Approx. flow	60 l/min (large pump)	13.2 gallons/min (large pump)
Cooling System 2 for Exotom-150	Tank volume 150 l / 33 gallons	Approx flow 60 l/min (large pump)	13.2 gallons/min (large pump)
Environment			
Noise level	78 dB(A) measured at idle running, at a distance of 1.0 m/39.4" from the machine.		
Electrical Data			
Voltage/Frequency	3 x 200 V / 50 Hz / Max. power 15 kW / Max. load 69 A		
	3 x 200-210 V / 60 Hz / Max. power 15 kW / Max. load 67 A		
	3 x 220-230 V / 50 Hz / Max. power 15 kW / Max. load 60 A		
	3 x 220-240 V / 60 Hz / Max. power 15 kW / Max. load 55 A		
	3 x 380-415 V / 50 Hz / Max. power 15 kW / Max. load 34 A		
	3 x 380-415 V / 60 Hz / Max. power 15 kW / Max. load 32 A		
	3 x 460-480 V / 60 Hz / Max. power 18 kW / Max. load 34 A		

*Requires accessory box-extensions.

**Projected cutting capacity with new cut-off wheel. Actual cutting capacity depends on sample material, cut-off wheel and clamping technique.

***Example of cutting capacity. Please refer to Cutting Diagram above.

Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards.
(Please contact your local supplier for details)



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Specifications

Exotom-150, X-table and AxioCut

Automatic cut-off machine with OptiFeed, AxioCut, ExciCut and Direct Cut. 7.5-9.0 kW (10-12 HP). For 432 mm (17") cut-off wheels. Moveable cutting table for parallel cuts with 12 mm T-slots. Recirculation cooling unit (Coolimat-200 061611xx or Coolimat-200 static filter 061612xx), quick-clamping devices (05876911+05876912), and vertical clamping system (05046904) respectively, are ordered separately.

Cat. no:

050468xx

Exotom-150, AxioCut

Automatic cut-off machine with OptiFeed, AxioCut, ExciCut and Direct Cut. 7.5-9.0 kW (10-12 HP). For 432 mm (17") cut-off wheels. Fixed cutting table with 12 mm T-slots. Recirculation cooling unit (Coolimat-200 061611xx or Coolimat-200 static filter 061612xx), quick-clamping devices (05876911+05876912), and vertical clamping system (05046904) respectively, are ordered separately.

050467xx

Exotom-150, X-table

Automatic cut-off machine with OptiFeed, ExciCut and Direct Cut. 7.5-9.0 kW (10-12 HP). For 432 mm (17") cut-off wheels. Moveable cutting table with 12 mm T-slots for parallel cuts. Recirculation cooling unit (Coolimat-200 061611xx or Coolimat-200 static filter 061612xx), quick-clamping devices (05876911+05876912), and vertical clamping system (05046904) respectively, are ordered separately.

050466xx

Exotom-150

Automatic cut-off machine with OptiFeed, ExciCut and Direct Cut. 7.5-9.0 kW (10-12 HP). For 432 mm (17") cut-off wheels. Fixed cutting table with 12 mm T-slots. Recirculation cooling unit (Coolimat-200 061611xx or Coolimat-200 static filter 061612xx), quick-clamping devices (05876911+05876912), and vertical clamping system (05046904) respectively, are ordered separately.

050465xx

Accessories

Coolimat-200

with band filter. Capacity 200 litres

06161116

Coolimat-200 static filter

with static filter Capacity 200 litres

06161216

Filter paper for Band Filter Unit

Replacement filter paper for band filter unit. Width: 51 cm, Length: 500 m

06166901

Cooling System 2 for Exotom-150

Internal static filter. With 150 l tank, Large pump, Cooli-1, XL filter bag with adapter

057674xx

Moveable Cutting Table

Moveable cutting table for mounting on Exotom-150. Positioning range: 150 mm. Movement in With 12 mm slots. Mounted on left hand side in cutting chamber

05046916

Replacement Stainless Steel Bands

For Exotom-150

60 x 225 mm. Set of 2

05046919

60 x 564 mm. Set of 2

05046920

Quick clamping tool for 12 mm T-slots.

Complete with backstop.

Left side

05876911

Right side

05876912

Vertical Clamping System for 12 mm T-slots

For clamping irregularly shaped workpieces. Clamping height up to 92 mm. Complete with operating key and one flat clamping shoe

05046904

Swivel Shoes for Vertical Clamping System

For clamping irregularly shaped workpieces. Set of four multi-shaped swivel shoes

05116911

Riser Block for 12 mm Vertical Clamping System

For elevating Vertical Clamping System when clamping high workpieces. To increase clamping height by 74 mm

05046905

Arm Extension for 12 mm Vertical Clamping System

For extending arm of Vertical Clamping System

05046906

Chain Spanner for 12 mm T-slots

For clamping irregularly shaped workpieces. Complete with anchor block and operating key

05046912

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

Please refer to separate brochure for Struers' comprehensive range of clamping tools.

