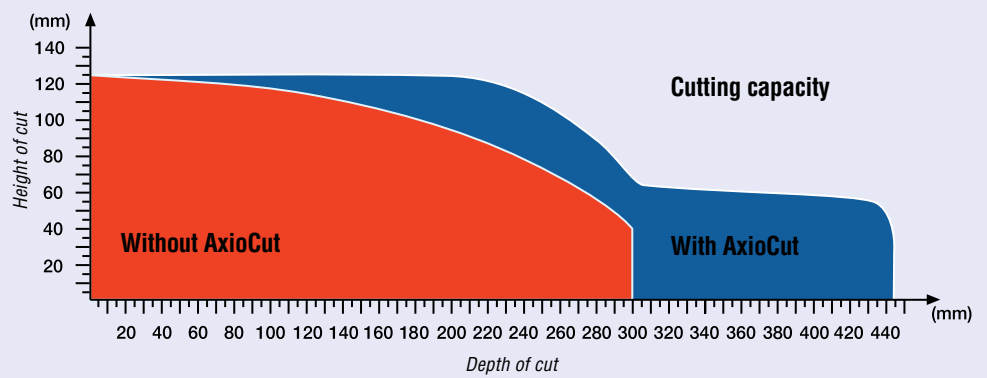


Technical Data

NB: Please note that the actual cutting capacity depends on the material type and the cut-off wheel wear. It is also important to mention that the cutting capacity cannot be fully utilized when using the quick clamping devices. More flexible clamping tools have to be used to utilize the maximum cutting capacity.



Subject	Specification				
CUTTING SPECIFICATIONS					
	Metric / Imperial				
Workpiece Dim. (max)	Height	200 mm / 7.9"			
	Width	650 mm / 25.6"			
	Depth	440 mm / 17.3"			
	Workpiece protruding cutting Chamber*				
	Height	120 mm / 4.7"			
	Depth	170 mm / 6.7"			
	*requires extension box (accessory)				
Cutting Capacity (max)	Max. workpiece diameter	ø125 mm / 4.9"			
	Max. size of cut for irregular workpieces	Please refer to above Cutting Diagram			
PHYSICAL SPECIFICATIONS					
Cutting Motor	Cutting power S1	5.5 – 6.5 kW			
	Cutting power S3	7.7 – 9.2 kW			
	Maximum power	11 - 13 kW			
Cut-off Wheel	Diameter x Thickness x Centre-hole	350 x 2.5 x 32 mm / 14 x 0.12 x 1.26"			
	Rotational speed (at rated load)	1950 rpm			
Positioning & Feed	Positioning range (of cut-off wheel)	0-300 mm			
	Max. height of sample underneath cut-off wheel	200 mm			
	Max. positioning speed	50 mm/sec			
	Feed Speed range (adjustable in steps of)	0.05 – 5 mm/s / 0.002 – 0.2"/s (0.05 mm/s) / (0.002"/s)			
	Cutting force	50-700 N / 10-150 lbf			
Cutting table	Width x Depth	591 x 492 mm / 23.3 x 19.4"			
	T-slots	12 mm			
Dimensions and Weight	Height	1745 mm / 5' 9"			
	Width	1155 mm / 3' 9"			
	Depth	1305 mm / 4' 4"			
	Weight	758 kg / 1670 lbs			
ENVIRONMENT					
Noise level	Approx. 65 dB(A) running idle, at a distance of 1.0 m / 39.4" from the machine.				
ELECTRICAL DATA					
	Specification				
	Cutting Power at constant duty, S1	Cutting Power at intermittent duty, S3 15%	Max. Power	Nom. Load	Max. Load
Voltage / frequency:					
3 x 200 V / 50 Hz	5.5 kW	7.7 kW	11 kW	24.0 A	59.0 A
3 x 200-210 V / 60 Hz	5.5 kW	7.7 kW	11 kW	22.4 A	56.5 A
3 x 220-230 V / 50 Hz	5.5 kW	7.7 kW	11 kW	20.0 A	50.3 A
3 x 220-240 V / 60 Hz	5.5 kW	7.7 kW	11 kW	19.4 A	45.8 A
3 x 380-415 V / 50 Hz	5.5 kW	7.7 kW	11 kW	11.3 A	28.6 A
3 x 380-415 V / 60 Hz	5.5 kW	7.7 kW	11 kW	11.0 A	26.0 A
3 x 460-480 V / 60 Hz	6.5 kW	9.2 kW	13 kW	11.3 A	26.6 A

Specifications

Axitom-5

Automatic cut-off machine with ExciCut, AxioCut Step, MultiCut, Direct Cut and OptiFeed. With automatic x-table and automatic y-table. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05486129	3 x 200 V / 50 Hz
05486130	3 x 200 - 210 V / 60 Hz
05486135	3 x 220 - 230 V / 50 Hz
05486136	3 x 220 - 240 V / 60 Hz
05486146	3 x 380 - 415 V / 50 Hz
05486147	3 x 380 - 415 V / 60 Hz
05486154	3 x 460 - 480 V / 60 Hz

Axitom-5

Automatic cut-off machine with ExciCut, AxioCut Step, Direct Cut and OptiFeed. With automatic y-table. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05486229	3 x 200 V / 50 Hz
05486230	3 x 200 - 210 V / 60 Hz
05486235	3 x 220 - 230 V / 50 Hz
05486236	3 x 220 - 240 V / 60 Hz
05486246	3 x 380 - 415 V / 50 Hz
05486247	3 x 380 - 415 V / 60 Hz
05486254	3 x 460 - 480 V / 60 Hz

Axitom-5

Automatic cut-off machine with ExciCut, MultiCut, Direct Cut and OptiFeed. With automatic x-table. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05486329	3 x 200 V / 50 Hz
05486330	3 x 200 - 210 V / 60 Hz
05486335	3 x 220 - 230 V / 50 Hz
05486336	3 x 220 - 240 V / 60 Hz
05486346	3 x 380 - 415 V / 50 Hz
05486347	3 x 380 - 415 V / 60 Hz
05486354	3 x 460 - 480 V / 60 Hz

Axitom-5

Automatic cut-off machine with ExciCut, Direct Cut and OptiFeed. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05486429	3 x 200 V / 50 Hz
05486430	3 x 200 - 210 V / 60 Hz
05486435	3 x 220 - 230 V / 50 Hz
05486436	3 x 220 - 240 V / 60 Hz
05486446	3 x 380 - 415 V / 50 Hz
05486447	3 x 380 - 415 V / 60 Hz
05486454	3 x 460 - 480 V / 60 Hz

Axitom-5

Automatic cut-off machine with MultiCut, Direct Cut and OptiFeed. With automatic x-table. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05487329	3 x 200 V / 50 Hz
05487330	3 x 200 - 210 V / 60 Hz
05487335	3 x 220 - 230 V / 50 Hz
05487336	3 x 220 - 240 V / 60 Hz
05487346	3 x 380 - 415 V / 50 Hz
05487347	3 x 380 - 415 V / 60 Hz
05487354	3 x 460 - 480 V / 60 Hz

Axitom-5

Automatic cut-off machine with Direct Cut and OptiFeed. 5.5 - 6.5 kW Motor. For 350 mm dia. cut-off wheels. Cooling unit, drain and clamping tools have to be ordered separately.

Cat. no:	Voltage
05487429	3 x 200 V / 50 Hz
05487430	3 x 200 - 210 V / 60 Hz
05487435	3 x 220 - 230 V / 50 Hz
05487436	3 x 220 - 240 V / 60 Hz
05487446	3 x 380 - 415 V / 50 Hz
05487447	3 x 380 - 415 V / 60 Hz
05487454	3 x 460 - 480 V / 60 Hz

Drain

Drain for Axitom-5 for use with static filter.

Cat. no:
05486908

Drain for Axitom-5 for use with external cooling unit.

Cat. no:
05486909

Safety Extension Box for Axitom-5

For cutting of long samples protruding the cutting chamber, to be mounted on the left hand side of Axitom-5. For samples with a maximum size of h x w: 120 x 170 mm / 4.7" x 6.7"

Cat. no:
05486911

Replacement Stainless Steel Bands for Axitom-5

60 x 220 mm. Set of 2

Cat. no:
05486905

60 x 493 mm. Set of 2

Cat. no:
05486906

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

Struers' products are subject to constant product development.

Therefore, we reserve the right to introduce changes in our products without notice.

Axitom-5 is protected under EP Pat no. 0743889.



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