

		Accutom-100
<b>Capacity</b>	Height x Length	50 x 130 mm (2" x 5.1")
	Cutting length	40 mm/195 mm (1.6"/7.7") for 25 mm diameter
<b>Cut-off wheel</b>	Diameter	75 mm (3") - 150 mm (6")
	Arbor diameter	12.7 mm (0.5")
<b>Grinding capacity</b>	Height x Length	95 x 95 mm (3.7" x 3.7")
<b>Cup wheel</b>	Diameter	100 mm (4") - 150 mm (6") dia.
	Arbor diameter	12.7 mm (0.5")
<b>Motor</b>	Rotational speed	300-5000 rpm, adjustable in steps of 50 rpm
	Cutting feed speed	Feed speed: 0.005 - 3 mm/s, adjustable in steps of 0.005 mm/s
	Grinding feed speed	Feed speed: 0.5 - 7.5 mm/s, adjustable in steps of 0.5 mm/s
	Positioning speed	Y = 13 mm/s
	Positioning length	Y direction: 110 mm (precision 0.1 mm)
<b>Specimen holder arm</b>	X-movement	Yes
	Rotation	Yes
	Oscillation	Yes
	Automatic rotation of specimen holder (before cutting)	Yes
	Positioning speed	X = 10 mm/s. Positioning range X direction: 60
	Positioning length	X direction: 60 mm (precision 0.005 mm)
<b>Software and electronics</b>	Controls	Touch pad, Turn/push knob
	Display	LCD, TFT-colour, 320 x 240 dots with LED back light
<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	< 85 % RH non-condensing

		<b>Accutom-100</b>
<b>Power supply</b>	Voltage/frequency	200-240 V / 50-60 Hz
	Power inlet	1-phase (N+L1+PE) or 2-phase (L1+L2+PE) The electrical installation must comply with Installation Category II
	Power S1	1080 W
	Power S3	N/A
	Power, idle	45 W
	Current, max.	9.1 A
<b>Cooling system</b>	Built-in	4.75 l (1¼ gallon), 1.6 l/min. (0.4 gallon/min)
<b>Exhaust</b>	Recommended capacity	30 m³/h (1060 ft³/h)
<b>Advanced features</b>	X-table, automatic	No
	X-stand, manual	No
	Rotary stand	No
<b>Safety Circuit Categories/Performance Level</b>	Guard safety switch system	PL d, Category 3 Stop category 0
	Guard lock	PL b, Category 3 Stop category 0
	Hold-to-run function	PL d, Category 3 Stop category 0
	Emergency stop	PL c, Category 1 Stop category 0
	Unintended start of fluid system	PL b, Category 3
	Speed monitoring - cut-off wheel/cup wheel consol movement	PL d, Category 3 Stop category 0
	Rotational speed of cut-off wheel/cup wheel monitoring	PL d, Category 3
<b>Residual Current Circuit Breaker (RCCB)</b>		N/A
<b>Noise level</b>	A-weighted sound emission pressure level at workstations	LpA = 67 dB(A) (measured value). Uncertainty K = 4 dB
<b>Vibration level</b>	Declared vibration emission	N/A
<b>Dimensions and weight</b>	Width	65 cm (25")
	Depth, with plug	78 cm (30.9"), with plug
	Height, guard closed	44 cm (17.3"), guard closed
	Height, guard open	106.5 cm (42"), guard open
	Weight	68 kg (150 lbs)



**TECHNICAL DATA**

**Accutom-100**

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