

## Technical data



**CUT 200 mS**



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		CUT 200 mS/Sp	CUT 300 mS/Sp	CUT 400 Sp
<b>Machine</b>				
Type of machining		Submerged wire-cutting	Submerged wire-cutting	Submerged wire-cutting
Dimensions of complete equipment (*)	mm	2020 x 2201 x 2015	2600 x 2600 x 2340	2670 x 2870 x 2645
	in	79.53 x 86.65 x 79.33	102.36 x 102.36 x 92.13	105.12 x 112.99 x 104.13
Total weight of equipment (without dielectric)	kg	2450	3300	6300
	(lbs)	(5401)	(7275)	(13860)
<b>Machining area</b>				
Vertical sliding door		Automatic (mS)	Automatic (mS)	—
Max. workpiece dimensions (*)	mm	1000 x 550 x 220	1200 x 700 x 400	1450 x 900 x 510
	in	39.37 x 21.65 x 8.66	47.24 x 27.56 x 15.75	57.09 x 35.43 x 20.07
Front door dimensions	mm (in)	820 (32.28)	1020 (40.16)	1350 (53.1)
Max. workpiece weight	kg (lbs)	750 (1653)	1500 (3307)	3000 (6600)
Dimensions of table (**)	mm	680 x 450	900 x 600	1240 x 800
	in	26.77 x 17.72	35.43 x 23.62	48.8 x 31.5
Floor-to-table distance	mm (in)	1000 (39.37)	1000 (39.37)	1100 (43.30)
Total volume of dielectric	l (gal)	760 (201)	1200 (317)	1700 (450)
<b>X, Y, Z and U, V axes</b>				
X, Y, Z travel (*)	mm	350 x 220 x 220	550 x 350 x 400	800 x 550 x 510
	in	13.77 x 8.66 x 8.66	21.65 x 13.77 x 15.75	31.5 x 21.65 x 20.07
U, V travel (**)	mm	350 x 220	550 x 350	800 x 550
	in	13.77 x 8.66	21.65 x 13.77	31.5 x 21.65
Rapid movement (X, Y and U, V axes)	m/min	3 (9.8 ft/min)	3 (9.8 ft/min)	3 (9.8 ft/min)
Integrated Collision Protection (ICP)		Standard on 5 axes	Standard on 5 axes	Standard on 5 axes
<b>Taper machining</b>				
Max. taper	°/mm	± 45/220	± 45/400	± 45/510
		(± 30/220 standard)	(± 30/400 standard)	(± 30/510 standard)
	°/in	± 45/8.66	± 45/15.75	± 45/20.07
		(± 30/8.66 standard)	(± 30/15.75 standard)	(± 30/20.07 standard)
<b>Electricity supply (machine)</b>				
Three-phase input voltage**	V	380/400	380/400	380/400
Maximum consumption	kVA	11	11	11
<b>Dielectric</b>				
Paper filters		2 cartridges (option 4 cartridges)		
Dielectric temperature variation	°C	± 1 (± 2 °F)		
Total volume of deionization resin (option)	l	20 (5.3 gal)		
Max. injection pressure	bar	20		

\* Width x depth x height \*\* Width x depth