

Technical Data S3

Specifications					
repeatability	± 0,03 mm *	± 0.001" *	operating temperature	10 - 35 °C	50-95 °F
position accuracy	± 0,1 mm/m + repeatability *	± 0.0012"/ft + repeatability *	relative humidity	10-80 % non condensing	
speed	1-1414 mm/s	1-55"/s	noise emission	< 75 dB (depending on material and cutting technology)	
max. acceleration	14.1 m/s² **	555"/s² **	max. material thickness	25 mm	0.9"
floor load requirements	200 kg/m²	45 lbs/ft²	max. material weight	10 kg/m²	2 lbs/ft²
interface cutter	RS232C/V24 Ethernet 10/100Mbit			Can affect the evenness of the working surface.	
interface PC	Serial Port RS232, DB 9 Ethernet 10/100 Mbit		electrical requirements	3ph+N+GND 208V 50/60Hz 20A 3ph+N+GND 400V 50/60Hz 16A	

* X/Y drive system, static at constant mean operating temperature (may also vary depending on cutting tool) ** Depending on modules in use and cutter size.

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Materialwidth			
cutterline	M	L	XL
maximum	1580 mm 62"	2050 mm 80"	2520 mm 99"
with materialtransport	1330 mm 52"	1800 mm 70"	2270 mm 89"
vacuum	Steplessly adjustable over the complete working area.		

Working Area (L x W)			
cutterline	M	L	XL
800	830 mm × 1330 mm 32" × 52"		
1200	1230 mm × 1330 mm 48" × 52"	1230 mm × 1800 mm 48" × 70"	1230 mm × 2270 mm 48" × 89"
1600	1630 mm × 1330 mm 64" × 52"	1630 mm × 1800 mm 64" × 70"	

Machine Weight			
cutterline	M	L	XL
800	420 kg 925 lbs		
1200	490 kg 1080 lbs	560 kg 1235 lbs	620 kg 1365 lbs
1600	560 kg 1235 lbs	610 kg 1345 lbs	

Overall Dimensions, incl. Workstation (L x W)			
cutterline	M	L	XL
800	1542 mm × 2626 mm 60" × 103"		
1200	1942 mm × 2626 mm 76" × 103"	1942 mm × 3096 mm 76" × 122"	1942 mm × 3566 mm 76" × 140"
1600	2342 mm × 2626 mm 92" × 103"	2342 mm × 3096 mm 92" × 122"	

Technical data subject to change without notice.