

# G3 Technical Data

## Specifications

<b>Repeatability</b>	+/- 0,03mm/0.001"	<b>Operating temperature</b>	+10 up to +35°C
<b>Position accuracy</b>	+/- 0,1mm/m static at constant temperature	<b>Relative humidity</b>	10-80% non condensing
<b>Speed</b>	1-1414mm/s, in vector direction	<b>Noise emission</b>	< 75dB (depending on material and cutting technology)
<b>Acceleration</b>	max. 9,1m/s <sup>2</sup> , in vector directions. (depending on modules in use and cutter size)	<b>Electrical requirements</b>	AC 3ph+N+GND 200/400V 50/60Hz 32A
<b>Max. material weight</b>	55kg/m <sup>2</sup>	<b>Material clearance</b>	Standard 60mm/2.3" (optional 30mm/1.1")
<b>Interface Cutter</b>	RS232C/V24 (10m/39" data cable DB9/25 included in delivery)	<b>Interface PC</b>	Serial Port RS232, DB 9
<b>Floor load requirements/m<sup>2</sup></b>	200kg		

Materialwidth	M	L	XL	2XL	3XL
<b>maximum</b>	1610mm/63"	2080mm/81"	2550mm/100"	3020mm/118"	3490mm/137"
<b>with material-transport</b>	1330mm/52"	1800mm/70"	2270mm/89"	2740mm/107"	3210mm/126"
<b>Number of vacuumzones</b>	12	18	24	30	36

Work area (for all Tools)	M	L	XL	2XL	3XL
<b>-1600</b>	1600mm x 1330mm 63" x 52"		1600mm x 2270mm 63" x 89"	1600mm x 2740mm 63" x 107"	1600mm x 3210mm 63" x 126"
<b>-2500</b>	2500mm x 1330mm 98" x 52"	2500mm x 1800mm 98" x 70"			
<b>-3200</b>		3200mm x 1800mm 125" x 70"	3200mm x 2270mm 125" x 89"	3200mm x 2740mm 125" x 107"	3200mm x 3210mm 125" x 126"

Overall dimension incl. Workstation	M	L	XL	2XL	3XL
<b>-1600</b>	2512mm x 2355mm 98" x 92"		2512mm x 3295mm 98" x 129"	2512mm x 3765mm 98" x 148"	2512mm x 4235mm 98" x 166"
<b>-2500</b>	3412mm x 2355mm 134" x 92"	3412mm x 2825mm 134" x 111"			
<b>-3200</b>		4112mm x 2825mm 161" x 111"	4112mm x 3295mm 161" x 129"	4112mm x 3765mm 161" x 148"	4112mm x 4235mm 161" x 166"

Machine weight	M	L	XL	2XL	3XL
<b>-1600</b>	665,2kg		888,1kg	972,5kg	1116,9kg
<b>-2500</b>	835,2kg	967,6kg			
<b>-3200</b>		1111,6kg	1283,1kg	1413,5kg	1.609kg

All illustrations, descriptions, and technical data are non-binding and subject to change without notice. Zünd high-performance cutters carry the CE mark and therefore conform to EU safety regulations. ZS101-2009

**Headquarter**  
**Zünd Systemtechnik AG**  
 Industriestrasse 8  
 CH-9450 Altstätten  
 T +41 71 757 81 00  
 F +41 71 757 81 11  
 info@zund.com  
 www.zund.com

**ZÜND**  
 swiss cutting systems