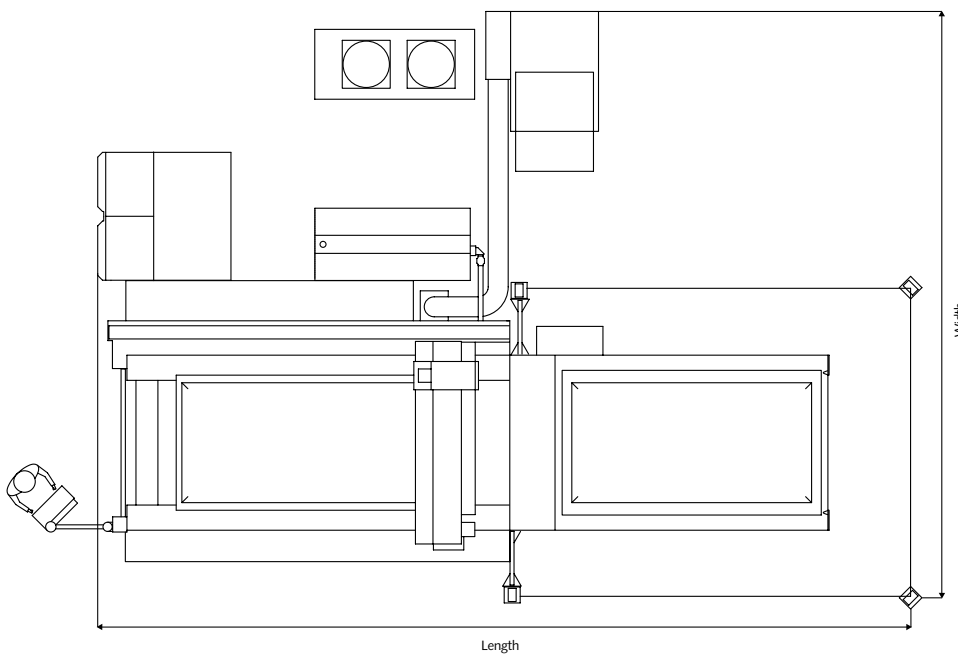
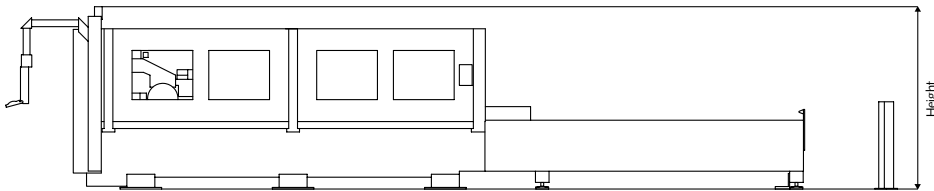


Technical Data Bysprint



	with Bylaser 2200	with Bylaser 3000
Length	10 800 mm	12 900 mm
Width	7 300 mm	7 000 mm
Height	2 920 mm	2 920 mm

Nominal sheet size	x = 3000 mm y = 1500 mm
Cutting range	x = 3048 mm/ 120 in. y = 1524 mm/ 60 in. z = 70 mm/2.75 in.
Maximum positioning speed parallel axis x, y	100 m/min
Maximum positioning speed simultaneous	140 m/min
Maximum axis acceleration	8 m/s ²
Positioning accuracy Pa *	± 0.1 mm
Repeatability Ps *	± 0.05 mm
Edge detection precision	± 0.5 mm
Maximum workpiece weight	750 kg
Machine weight **	12 000 kg
Base	normal, reinforced industrial floor according to assembly plan
Cutting heads	5" and 7.5"
Cutting gas consumption	dependent on material
Operation via panel	with 15" touchscreen, keyboard and manual control unit
Drives	DVD-RW, USB 2.0
Network connection	RJ45 connector 10/100 MBit/s

CO ₂ laser sources	Bylaser 2200	Bylaser 3000
Output	2200 W	3000 W
Wavelength	10.6 µm	10.6 µm
Polarization	circular	circular
Pulse frequency	1–2500 Hz	1–2500 Hz
Maximum sheet thickness ***		
Mild steel	15 mm	20 mm
Stainless steel	6 mm	12 mm
Aluminum	5 mm	8 mm
Maximum electric consumption of the total system ****	37 kW	42 kW

* According to VDI/DGQ 3441 measuring length 1 m. The precision of the sheet metal part depends on the material in question and its previous handling as well as the table size and its warming.

** Complete laser cutting system with rotating table without suction, cooling equipment and automation

*** In order to cut the maximum thicknesses, the following conditions must be met:

- Optimally suspended and set laser cutting system
- The materials must be of the quality demanded by Bystronic (laser materials)

**** Entire system with suction and cooling equipment

Changes to dimensions, construction and equipment are reserved. Certified in accordance with ISO 9001

Your contact

www.bystronic.com