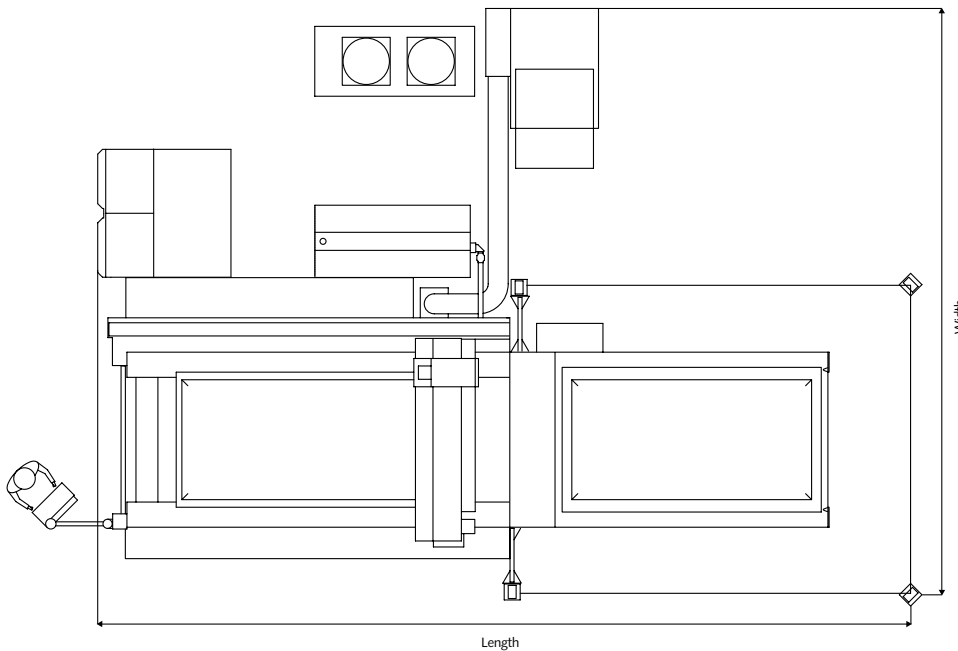
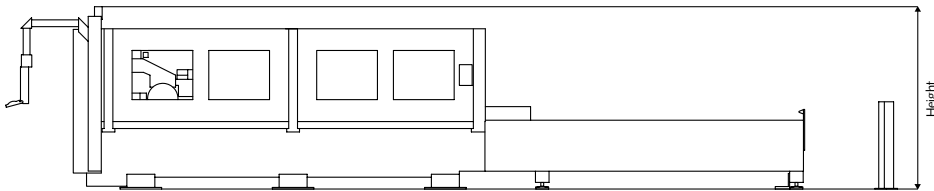


Technical Data

Bysprint



with Bylaser 2200

Length	426 in.
Width	288 in.
Height	115 in.

Nominal sheet size	x = 120 in. y = 60 in.
Cutting range	x = 3,048 mm/ 120 in. y = 1,524 mm/ 60 in. z = 70 mm/2.75 in.
Maximum positioning speed parallel axis x, y	3,937 in./min
Maximum positioning speed simultaneous	5,500 in./min
Maximum axis acceleration	315 in./s ²
Positioning accuracy Pa *	± 0.004 in.
Repeatability Ps *	± 0.002 in.
Edge detection precision	± 0.020 in.
Maximum workpiece weight	1,650 lbs.
Machine weight **	26,400 lbs.
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

CO₂ laser sources

Bylaser 2200

Output	2,200 W
Wavelength	10.6 μm
Polarization	circular
Pulse frequency	1–2,500 Hz
Maximum sheet thickness ***	
Mild steel	0.625 in.
Stainless steel	0.250 in.
Aluminum	0.200 in.
Maximum electric consumption of the total system ****	37 kW

* According to VDI/DGQ 3441 measuring length 39 in. 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