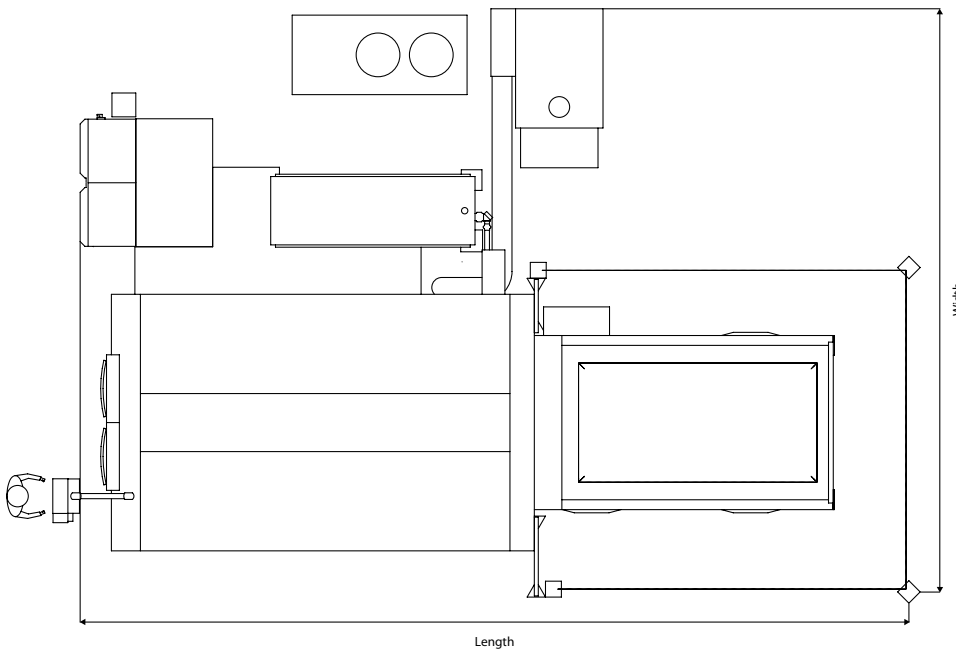
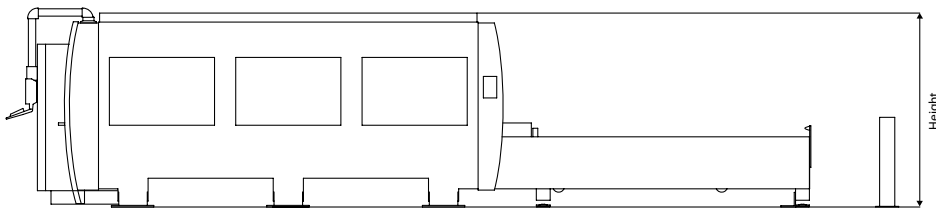


Technical Data BySprint



	with ByLaser 2200	with ByLaser 3300
Length	10 150 mm	10 400 mm
Width	7 300 mm	7 300 mm
Height	2 380 mm	2 380 mm

Top cover as optional extra

Nominal sheet size	x = 3000 mm y = 1500 mm
Cutting area	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	12 m/s ²
Positioning accuracy Pa*	± 0.1 mm
Repeatability Ps*	± 0.05 mm
Edge detection accuracy	± 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" touch screen, keyboard and manual control unit
Drives	DVD-RW, USB 2.0
Network connection	RJ45 connection 10/100 MBit/s

CO ₂ laser sources	Bylaser 2200	ByLaser 3300
Power	2200 W	3300 W
Wavelength	10.6 µm	10.6 µm
Polarization	circular	circular
Pulse frequency	1–2500 Hz	1–2500 Hz
Maximum sheet thicknesses***		
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	40 kW

* According to VDI/DGQ 3441 measurement length 1 m. The precision of the sheet metal part depends on the respective material and its pre-treatment as well as the sheet size and its warming.

** Complete laser cutting system with shuttle table without exhaust, chiller and automation

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

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

**** Entire system with exhaust and chiller

The right to make changes to dimensions, construction, and equipment is reserved. ISO-9001-certified

Bystronic Best choice.

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