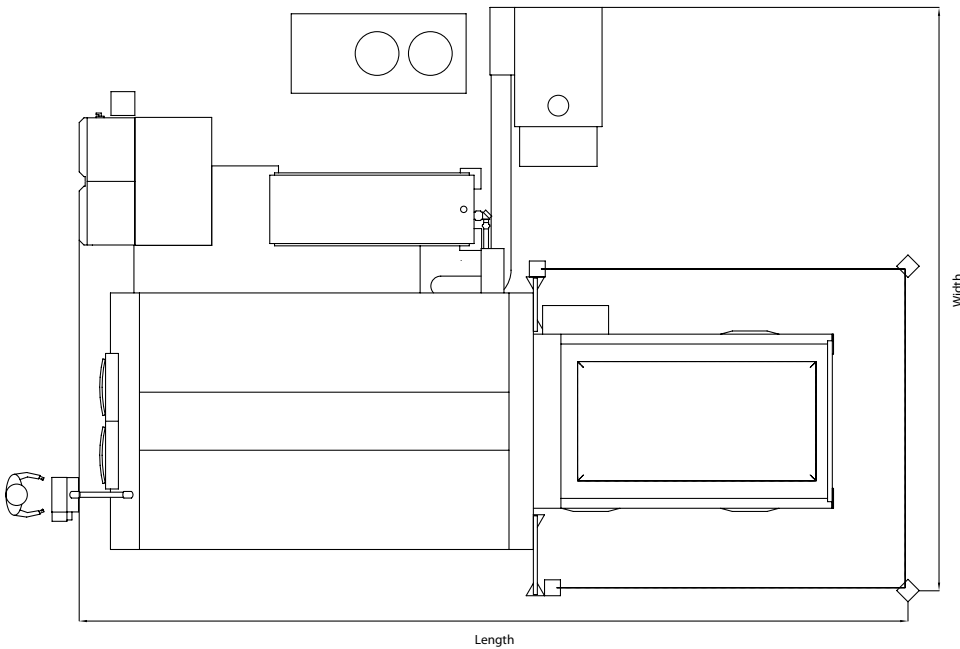
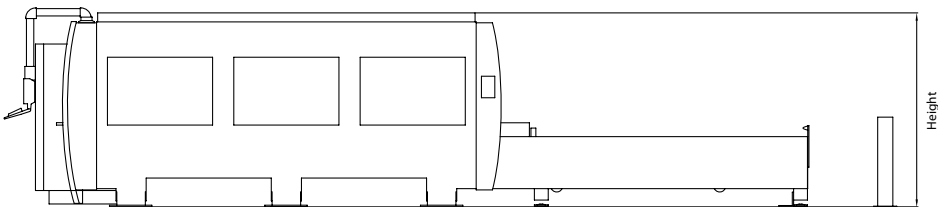


Technical Data BySprint



	with ByLaser 2200	with ByLaser 3300
Length	400 in	409 in
Width	287 in	287 in
Height	94 in	94 in

Top cover as optional extra

Nominal sheet size	x = 120 in y = 60 in
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	3937 in/min
Maximum positioning speed simultaneous	5500 in/min
Maximum axis acceleration	472 in/s ²
Positioning accuracy Pa*	± 0.004 in
Repeatability Ps*	± 0.002 in
Edge detection accuracy	± 0.020 in
Maximum workpiece weight	1650 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" 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	0.600 in	0.750 in
Stainless steel	0.250 in	0.500 in
Aluminum	0.200 in	0.300 in
Maximum electric consumption of the total system****	37 kW	40 kW

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

Laser | Bending | Waterjet
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