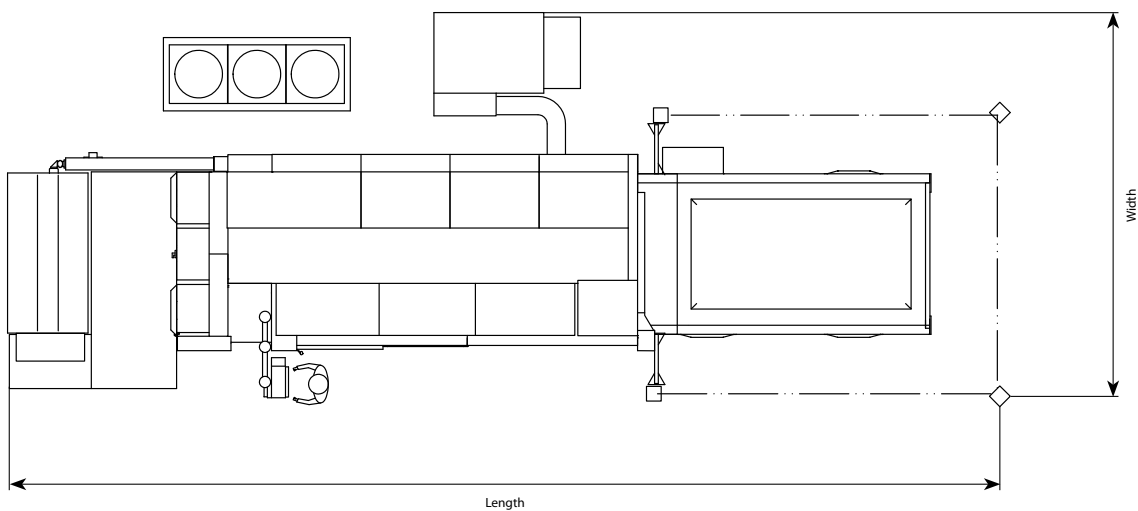
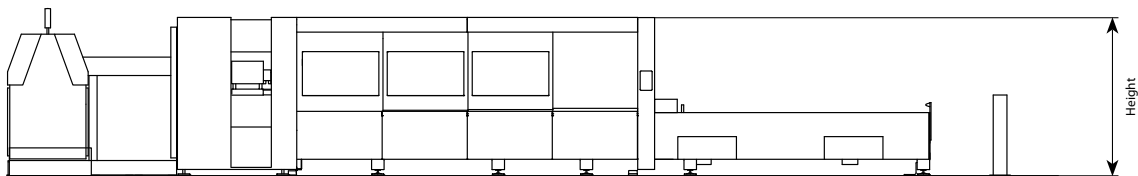


Technical Data

BySpeed Pro 3015



BySpeed Pro 3015

Length	13 500 mm
Width	5 200 mm
Height	2 200 mm

Nominal sheet size	x = 3000 mm y = 1500 mm
Cutting area	x = 3048 mm/120 in y = 1524 mm/ 60 in z = 100 mm/3,90 in
Maximum positioning speed parallel axis x, y	120 m/min
Maximum positioning speed simultaneous	169 m/min
Maximum axis acceleration	30 m/s ²
Positioning accuracy Pa*	± 0,1 mm
Repeatability Ps*	± 0,05 mm
Edge detection accuracy	± 0,5 mm
Maximum workpiece weight	890 kg
Machine weight**	20000 kg
Foundation	normal, reinforced industrial floor according to assembly plan
Cutting heads	5" and 7,5"
Cutting gas consumption	depending on material
Operation via panel	with 15" touch screen, keyboard and manual control unit
Disk drives	DVD-RW, USB 2.0
Network connection	RJ45 connection 10/100 Mbit/s
ByVision (see separate datasheet for specifications)	standard

Laser source	ByLaser 4400	ByLaser 6000
Power	4400 W	6000 W
Wavelength	10,6 µm	10,6 µm
Polarization	circular	circular
Pulse frequency	1–2500 Hz	1–2500 Hz
Maximum sheet thicknesses***		
Steel	25 mm	25 mm
Stainless steel	20 mm	25 mm
Aluminum	12 mm	15 mm
Total electrical consumption of system****	51 kW	78 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 pretreatment as well as the sheet size and its temperature

** Entire system without exhaust and chiller

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

- optimally maintained and adjusted laser cutting systems
- the materials must be of the quality specified 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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