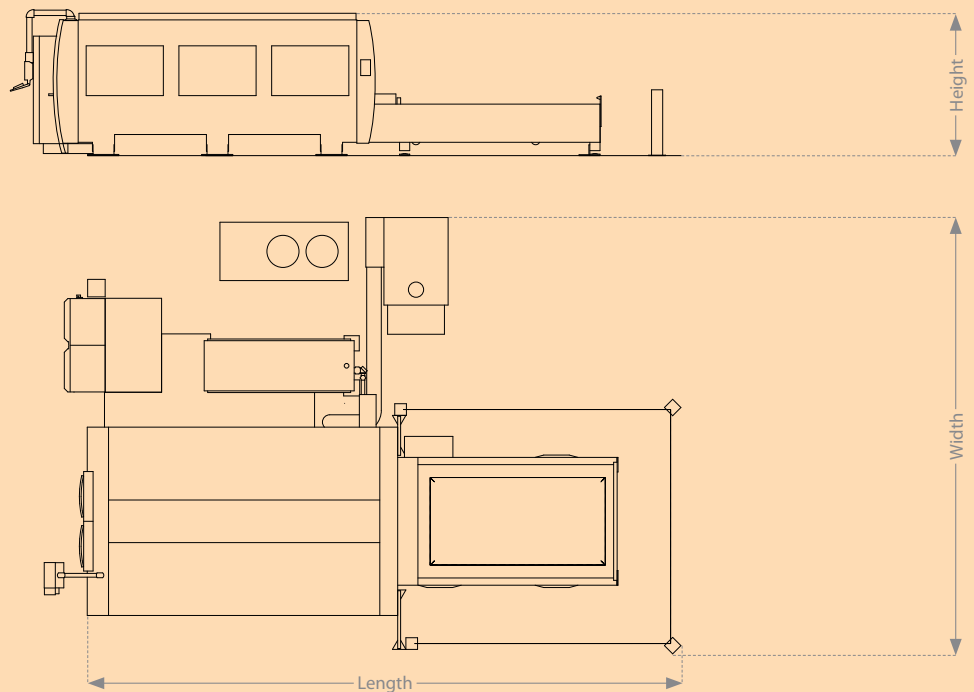


Technical Data

BySprint Pro

	BySprint Pro 3015	BySprint Pro 4020	
Length	10400	13050	mm
Width	6500	7050	mm
Height	2450	2450	mm



Laser cutting system

		BySprint Pro 3015	BySprint Pro 4020	
Nominal sheet size	x	3000	4000	mm
	y	1500	2000	
Cutting area	x	3048	4064	mm
	y	1524	2032	
	z	70	70	
Maximum positioning speed parallel axis x, y		100	100	m/min
Maximum simultaneous positioning speed		140	140	m/min
Positioning accuracy Pa*		± 0,1	± 0,1	mm
Repeatability Ps*		± 0,05	± 0,05	mm
Maximum workpiece weight		750	1580	kg
Machine weight**		12 000	15 000	kg
Operation via panel		ByVision Touchscreen and manual control unit		

Laser source

		ByLaser 4400	ByLaser 6000	
Power		4400	6000	W
Control range		150–4400	150–6000	W
Laser source dimensions	L	2840	2220	mm
	W	920	1100	
	H	1580	1750	
Weight		1600	1900	kg
Technology		CO ₂	CO ₂	
Maximum sheet thicknesses***				
Steel		25	25	mm
Stainless steel		20	25	mm
Aluminum		12	15	mm
Electrical consumption of total system**** (3015/4020)		51/53	78/80	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.

Laser | Bending | Waterjet
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