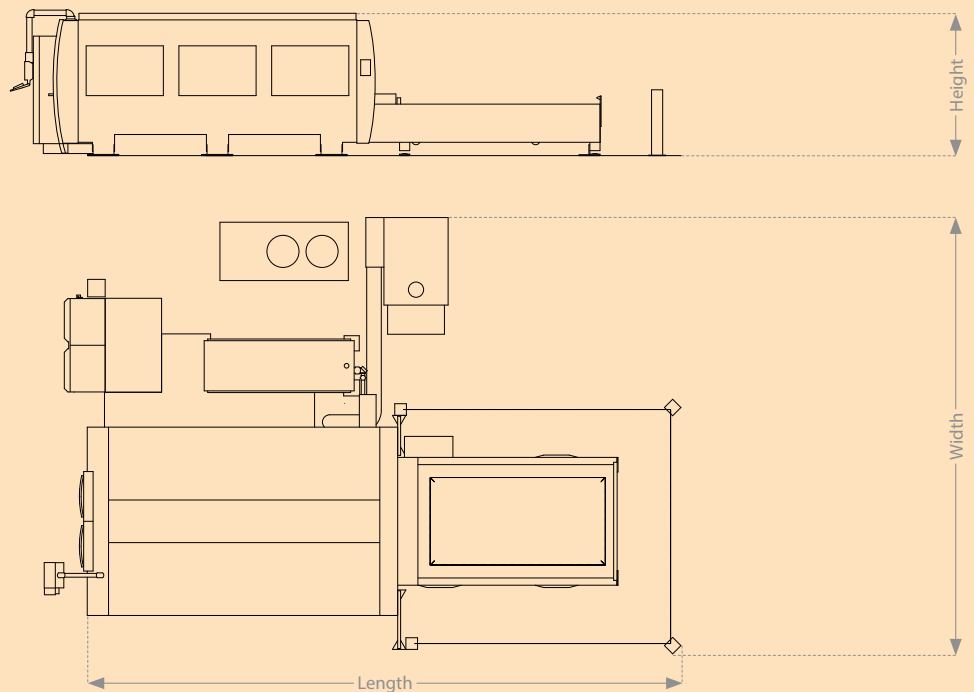


Technical Data

BySprint Pro

	BySprint Pro 3015	BySprint Pro 4020	
Length	409	514	inch
Width	256	278	inch
Height	96	96	inch



Laser cutting system

		BySprint Pro 3015	BySprint Pro 4020	
Nominal sheet size	x	120	157	inch
	y	60	78	
Cutting area	x	120	160	inch/in
	y	60	80	
	z	2.75	2.75	
Maximum positioning speed parallel axis x, y		3937	3937	inch/min
Maximum simultaneous positioning speed		5511	5511	inch/min
Positioning accuracy Pa*		± 0.004	± 0.004	inch
Repeatability Ps*		± 0.002	± 0.002	inch
Maximum workpiece weight		1980	3306	lbs
Machine weight**		26,400	33,069	lbs
Operation via panel		ByVision Touchscreen and manual control unit		

Laser source

		ByLaser 3300	ByLaser 4400	ByLaser 6000	
Power		3300	4400	6000	W
Control range		150-3300	150-4400	150-6000	W
Laser source dimensions	L	114	114	87	inch
	W	36	36	43	
	H	62	62	69	
Weight		3520	3520	4180	lbs
Technology		CO ₂	CO ₂	CO ₂	
Maximum sheet thicknesses***					
Steel		0.75	0.75	1	inch
Stainless steel		0.5	0.75	1	inch
Aluminum		0.312	0.5	0.625	inch
Electrical consumption of total system**** (ByLaser 3015/ByLaser 4020)		40/-	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.

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