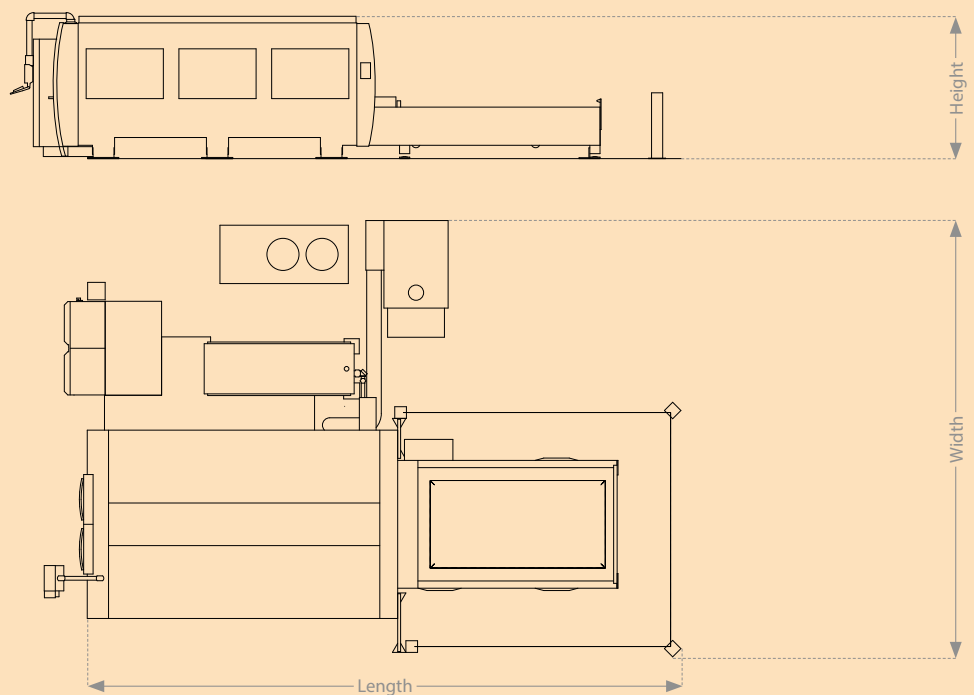


# Technical Data

## 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 <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	
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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