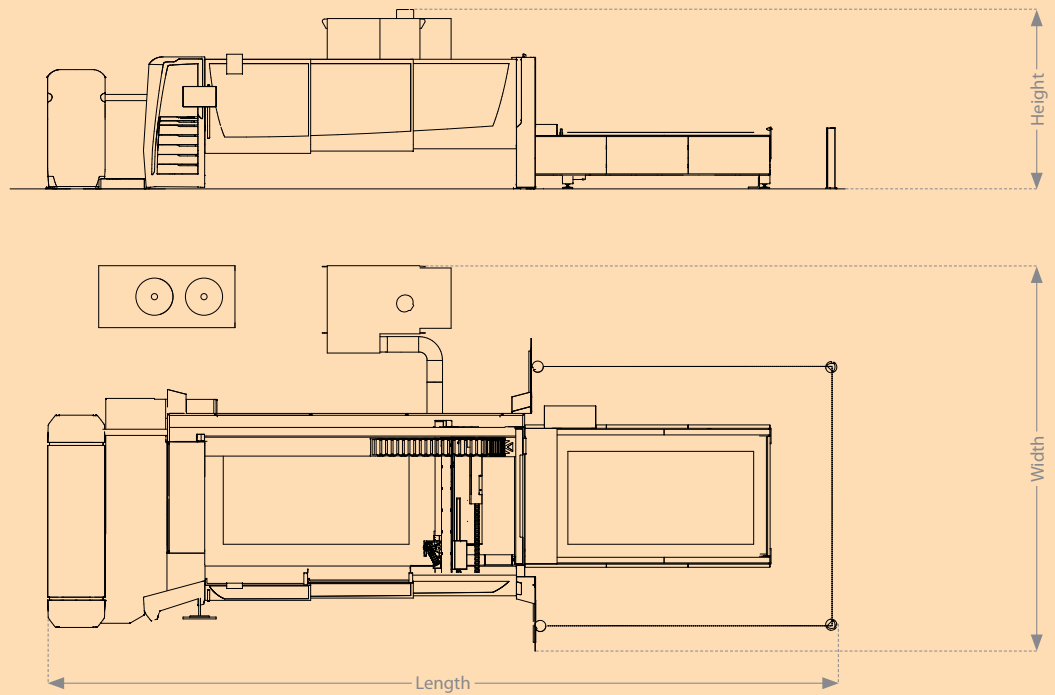


# Technical Data

## ByAutonom

	ByAutonom 3015	ByAutonom 4020	
Length	12750	15000	mm
Width	6250	7700	mm
Height	2400	2400	mm



## Laser cutting system

		ByAutonom 3015	ByAutonom 4020	
Nominal sheet size	x	3000	4000	mm
	y	1500	2000	
Cutting area	x	3048	4090	mm
	y	1524	2060	
	z	80	80	
Maximum positioning speed parallel axis x, y		120	120	m/min
Maximum simultaneous positioning speed		169	169	m/min
Averaged, bilateral position deviation of one axis M*		± 0,1	± 0,1	mm
Bilateral repeatability of positioning of one axis R*		± 0,05	± 0,05	mm
Maximum workpiece weight		890	1580	kg
Machine weight**		15000	24500	kg
Operation via panel		ByVision Touchscreen and manual control unit		
Circumscribed circle diameter of the rotary axis		15–315	15–315	mm

## Laser source

		ByLaser 4400	ByLaser 6000	
Power		4400	6000	W
Control range		150–4400	150–6000	W
Laser source dimensions	L	3450	2850	mm
	W	950	1150	
	H	1925	2100	
Weight		1750	2050	kg
Technology		CO <sub>2</sub>	CO <sub>2</sub>	
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

\* Following ISO 230-2:2006(E)

\*\* 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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