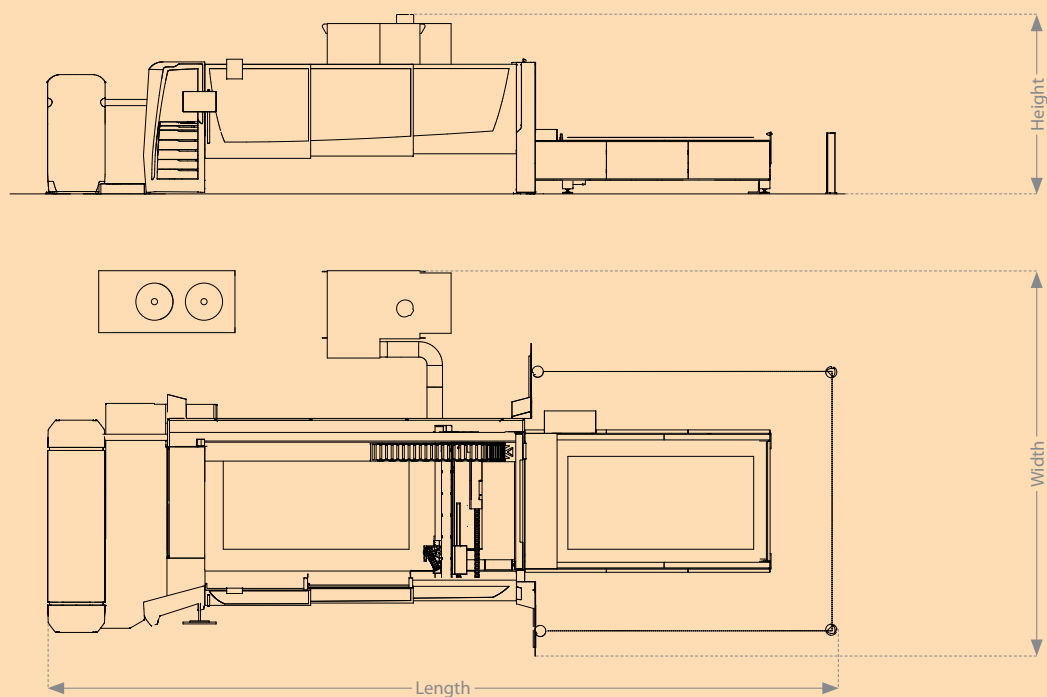


Technical Data

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 y	3000 1500	4000 2000	mm
Cutting area	x y z	3048 1524 80	4090 2060 80	mm
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**		15 000	24 500	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 W H	3450 950 1925	2850 1150 2100	mm
Weight		1750	2050	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

* 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.

Laser | Bending | Waterjet
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