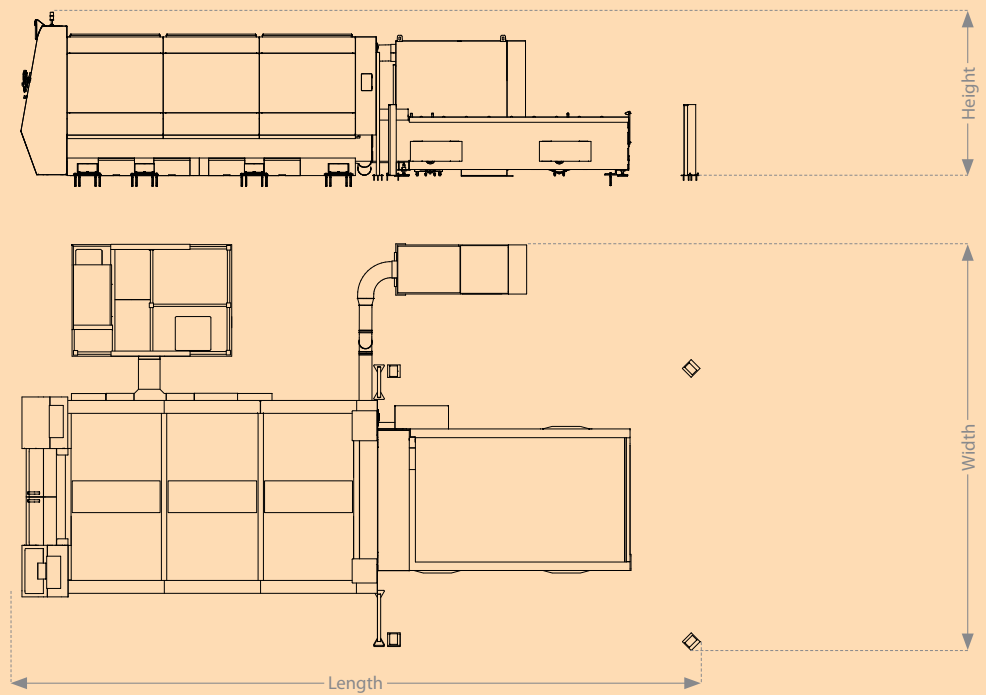


# Technical Data

## BySmart Fiber

BySmart Fiber  
3015

Length	10 900	mm
Width	6200	mm
Height	2600	mm



## Laser cutting system

BySmart Fiber  
3015

Nominal sheet size	x	3000	mm
	y	1500	
Cutting area	x	3150	mm
	y	1620	
	z	65	
Maximum positioning speed parallel axis x, y		100	m/min
Maximum simultaneous positioning speed		140	m/min
Positioning accuracy Pa*		± 0,1	mm
Repeatability Ps*		± 0,05	mm
Edge detection accuracy		± 0,5	mm
Maximum workpiece weight		750	kg
Machine weight**		13 000	kg
Operation via panel		ByVision Touchscreen and manual control unit	

## Laser source

	Fiber 2000	Fiber 3000	Fiber 4000	
Power	2000	3000	4000	W
Control range	200–2000	300–3000	400–4000	W
Wavelength	Fiber	Fiber	Fiber	
Maximum sheet thicknesses***				
Steel (max. cutting sheet thickness)	12	20	20	mm
Stainless steel (max. cutting sheet thickness)	6	12	15	mm
Aluminum (max. cutting sheet thickness)	8	12	15	mm
Copper (max. sheet thickness)	3	6	8	mm
Brass (max. sheet thickness)	4	6	8	mm
Total electrical consumption of system****	17,3	21,3	25	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.


**TRUST PACK FIBER**  
 by Bystronic

\* Trust Pack Fiber: Extended warranty on high-quality laser source parts

# Bystronic: Best choice.

 Laser | Bending | Waterjet  
 bystronic.com