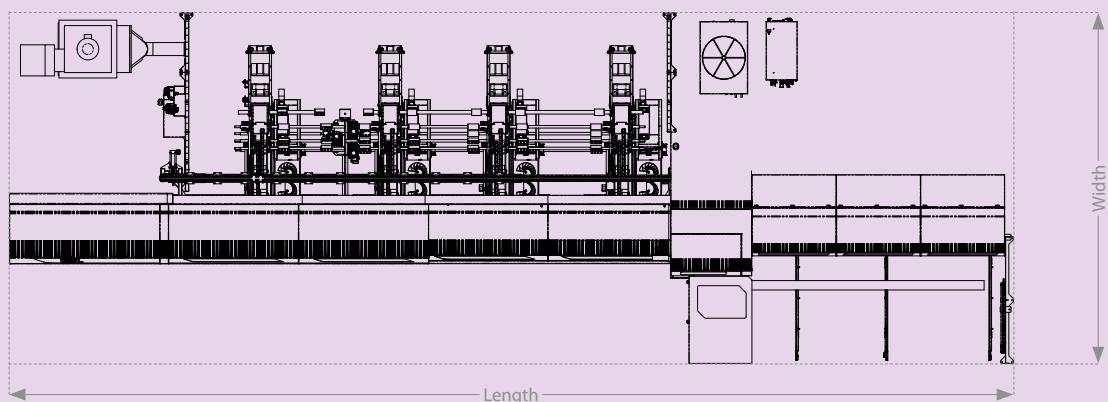
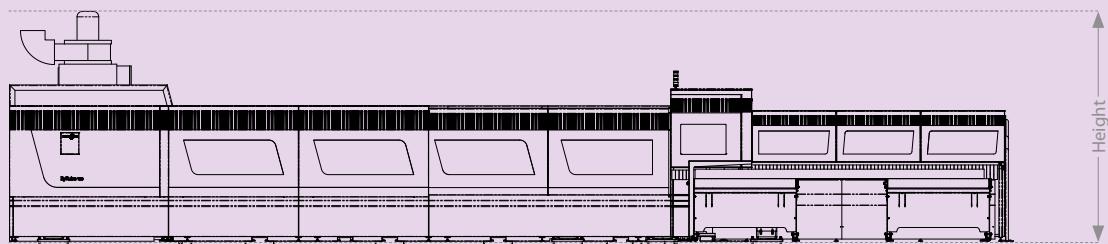


Technical Data

ByTube 130

ByTube 130

Length	542.2	inch
Width	197.8	inch
Height	125.2	inch



Tube processing system

ByTube 130

Min. Tube length (with automatic loading)	8.2	ft
Max. Tube length	21.3 – 27.8	ft
Max. Tube weight	11.42	lbs/ft
Tube sections	round square rectangular oval semi-oval elliptic	
Dimensions round sections (min. – max.)	Ø 0.39 – 5.1	inch
Dimensions rectangular sections (min. – max.)	0.39 x 0.39 – 5.1 x 5.1	inch
Dimensions other sections (min. – max.)	to be inscribed in box with	0.39 x 0.39 – 5.1 x 5.1
Max. linear speed of axis X / Y / Z	7874 / 2362 / 2362	inch/min
Max. rotation speed of mandrels	250	r.p.m.
Max. piece length unloading system	6.56 – 13.12 – 19.68	ft
X, Y and Z axis positioning precision*	± 0.004	inch
Number of controlled axis	6	
Machine weight**	22 050	lbs
Numeric Control	ByVision Cutting	

Laser source	Fiber 2000	Fiber 3000	
Power	2000	3000	W
Control range	200 – 2000	300 – 3000	W
Wavelength	Fiber	Fiber	
Maximum sheet thicknesses***			
Mild Steel O ₂	0.40	0.50	inch
Mild Steel N ₂	0.16	0.20	inch
Stainless steel	0.20	0.25	inch
Aluminum	0.20	0.25	inch
Brass	0.16	0.20	inch
Copper	0.12	0.16	inch
Total electrical consumption of system****	39	44	kW

* Following ISO 230-2:2014(E)

** Entire system without exhaust, chiller and parts conveyor

*** 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)
- the max. allowed weight must be followed

**** Entire system with exhaust and chiller

The right to make changes to dimensions, construction, and equipment is reserved. ISO-9001-certified.

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