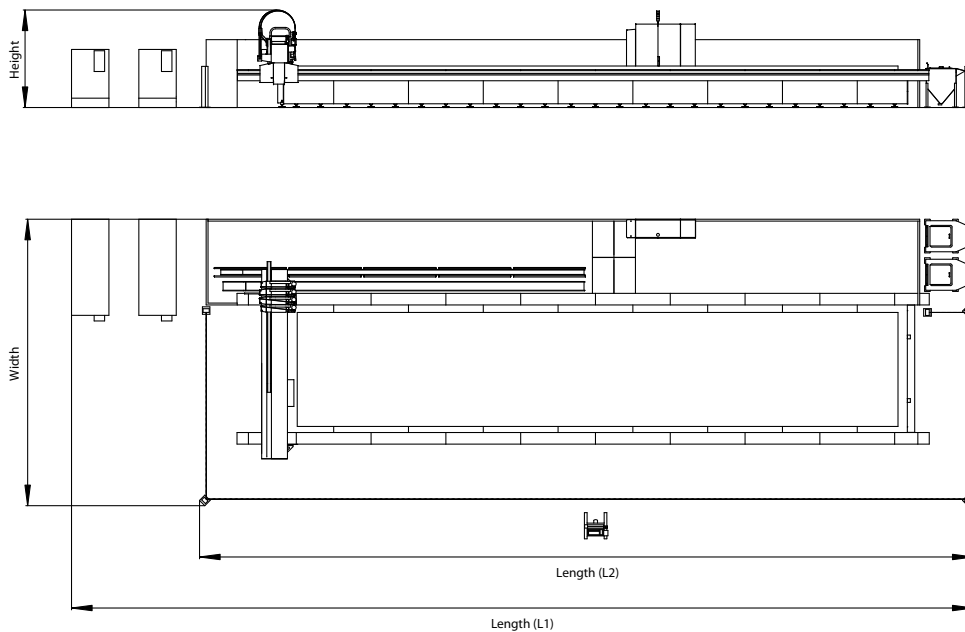


Technical Data

ByJet Pro L



ByJet Pro L	2030	4030	6030	8030	10030	12030	14030	16030
Length (L1)	11 985	12 105	14 105	16 105	18 105	20 105	22 105	24 105
Length (L2)	8565	8685	10 685	12 685	14 685	16 685	18 685	20 685
Width	7660	7660	7660	7660	7660	7660	7660	7660
Height	2607	2607	2607	2607	2607	2607	2607	2607

figures in mm

Nominal material size (flats/round)

ByJet Pro L 2030	x = 2000 mm	y = 3000 mm	Ø = 500 mm	L = 1700 mm
ByJet Pro L 4030	x = 4000 mm	y = 3000 mm	Ø = 500 mm	L = 3700 mm
ByJet Pro L 6030	x = 6000 mm	y = 3000 mm	Ø = 500 mm	L = 5700 mm
ByJet Pro L 8030	x = 8000 mm	y = 3000 mm	Ø = 500 mm	L = 7700 mm
ByJet Pro L 10030	x = 10 000 mm	y = 3000 mm	Ø = 500 mm	L = 7700 mm
ByJet Pro L 12030	x = 12 000 mm	y = 3000 mm	Ø = 500 mm	L = 7700 mm
ByJet Pro L 14030	x = 14 000 mm	y = 3000 mm	Ø = 500 mm	L = 7700 mm
ByJet Pro L 16030	x = 16 000 mm	y = 3000 mm	Ø = 500 mm	L = 7700 mm

Cutting range

ByJet Pro L 2030	x = 2048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 4030	x = 4048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 6030	x = 6048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 8030	x = 8048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 10030	x = 10 048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 12030	x = 12 048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 14030	x = 14 048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 16030	x = 16 048 mm	y = 3068 mm	z = 250 mm

Number of cutting heads	1, 2, 4
Minimum and maximum carriage clearance	220 mm / 1500 mm
Maximum positioning speed parallel axis x, y	60 m/min
Maximum cutting speed	50 m/min
Minimum processing speed	0.001 m/min
Positioning accuracy Pa*	± 0.05 mm/m
Repeatability Ps*	± 0.025 mm/axis
Maximum workpiece thickness	200 mm
Cassette size with integrated material support	2000 x 3000 mm
Maximum workpiece weight flat part	up to 790 kg/m²
Maximum workpiece weight round part	500 kg
Base	normal, reinforced industrial floor according to assembly plan
Surface load	3 – 4.0 N/cm²
Lumped load	(Ø 150 mm) 15 000 N
Operation via panel	with 15" touch screen, keyboard, mouse, and manual control unit
Drives	DVD-RW, USB
Network connection	RJ45 connection 10/100 Mbits/s

* Machine precision according to VDI/DGQ 3441. The precision depends on the type of material and its pretreatment, the material thickness, the sheet size and its warming.

High-pressure pump

ByPump Active

Maximum operating pressure	3800 bar
Supply volume	0 – 5 l/min
Maximum jet size in single-head operation	Ø 0.4 mm
Maximum jet size in two-head operation	Ø 0.3 mm
Recommended jet size two-head operation	Ø 0.28 mm

For material thicknesses above 150 mm, a ByPump Ultra respectively a ByPump Ultra+ with over 5000 cutting pressure is recommended. Please contact your sales advisor.

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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