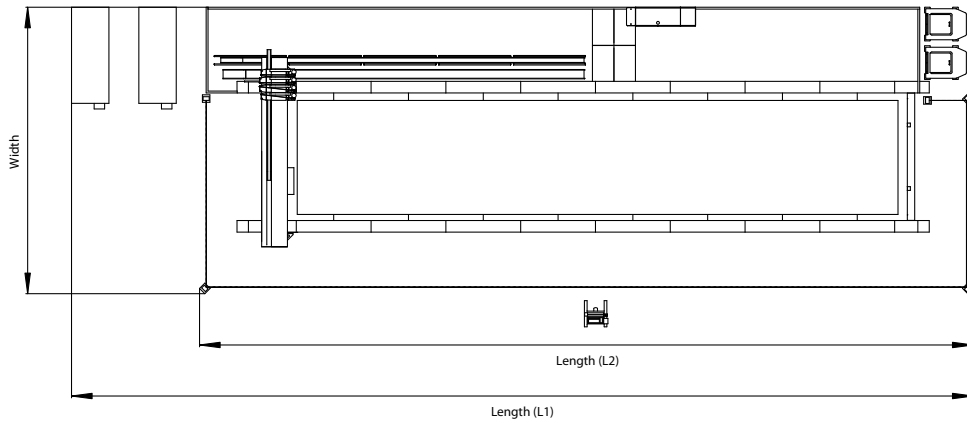
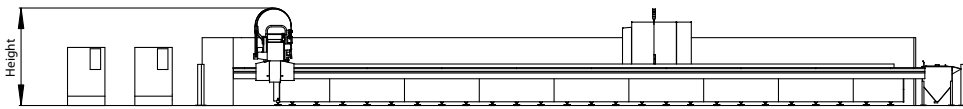


Technical Data ByJet Pro L



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)	8 565	8 685	10 685	12 685	14 685	16 685	18 685	20 685
Width	7 660	7 660	7 660	7 660	7 660	7 660	7 660	7 660
Height	2 607	2 607	2 607	2 607	2 607	2 607	2 607	2 607

figures in mm

Nominal material size (flats/round)

ByJet Pro L 2030	x = 2000 mm	y = 3000 mm	∅ = 500 mm	L = 1700 mm
ByJet Pro L 4030	x = 4000 mm	y = 3000 mm	∅ = 500 mm	L = 3700 mm
ByJet Pro L 6030	x = 6000 mm	y = 3000 mm	∅ = 500 mm	L = 5700 mm
ByJet Pro L 8030	x = 8000 mm	y = 3000 mm	∅ = 500 mm	L = 7700 mm
ByJet Pro L 10030	x = 10000 mm	y = 3000 mm	∅ = 500 mm	L = 7700 mm
ByJet Pro L 12030	x = 12000 mm	y = 3000 mm	∅ = 500 mm	L = 7700 mm
ByJet Pro L 14030	x = 14000 mm	y = 3000 mm	∅ = 500 mm	L = 7700 mm
ByJet Pro L 16030	x = 16000 mm	y = 3000 mm	∅ = 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 = 10048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 12030	x = 12048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 14030	x = 14048 mm	y = 3068 mm	z = 250 mm
ByJet Pro L 16030	x = 16048 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/m ²
Maximum workpiece weight round part	500 kg
Base	normal, reinforced industrial floor according to assembly plan
Surface load	3 – 4.0 N/cm ²
Lumped load	(∅ 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	∅ 0.4 mm
Maximum jet size in two-head operation	∅ 0.3 mm
Recommended jet size two-head operation	∅ 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
bystronic.com