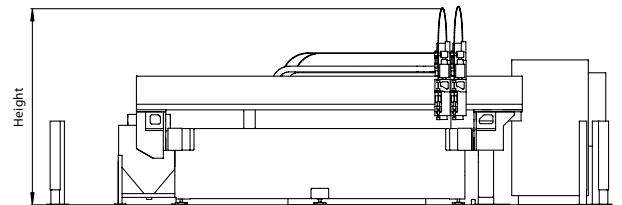
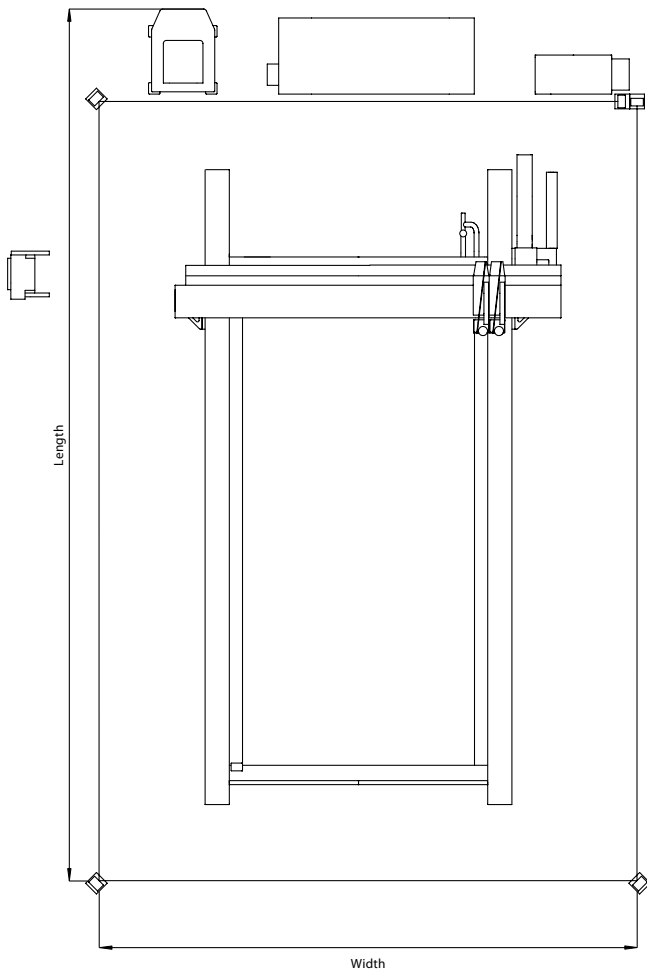


Technical Data

ByJet Classic L



ByJet Classic L	2030	4030	6030	8030	10030
Length	305	384	462	541	620
Width	279	279	279	279	279
Height	102	102	102	102	102

figures in inches

Nominal material size (flat)

ByJet Classic L 2030	x = 79 in	y = 120 in
ByJet Classic L 4030	x = 157 in	y = 120 in
ByJet Classic L 6030	x = 236 in	y = 120 in
ByJet Classic L 8030	x = 315 in	y = 120 in
ByJet Classic L 10030	x = 394 in	y = 120 in

Cutting range

ByJet Classic L 2030	x = 81 in	y = 120 in	z = 9 in
ByJet Classic L 4030	x = 160 in	y = 120 in	z = 9 in
ByJet Classic L 6030	x = 240 in	y = 120 in	z = 9 in
ByJet Classic L 8030	x = 318 in	y = 120 in	z = 9 in
ByJet Classic L 10030	x = 397 in	y = 120 in	z = 9 in

Number of cutting heads

1 or 2

Minimum and maximum cutting carriage clearance	8.6 in/59.1 in
Maximum positioning speed parallel to the x, y axis	2362 in/min
Maximum cutting speed	1968 in/min
Minimum traverse speed	0.039 in/min
Positioning accuracy Pa*	± 0.002 in/ft
Repeatability Ps*	± 0.001 in/axis
Maximum workpiece thickness	7.9 in
Maximum workpiece weight flat part	up to 1742 lbs/in ²
Foundation	normal, reinforced industrial floor according to assembly plan
Surface load	4.35–5.80 lbf/in ²
Concentrated load (Ø 150 mm)	5620 lbs
Total electrical supply machine	64 kW
Operation via panel	with 15" touch screen, keyboard, mouse, and manual control unit
Disk drives	DVD-RW, USB
Network connection	10/100 Mbps/s RJ45 connection

* Machine precision according to VDI/DGQ 3441.

The cutting 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	55,000 psi
Feed rate	0 to 5 l/min
Maximum nozzle size in single-head operation	Ø 0.016 in
Maximum nozzle size in two-head operation	Ø 0.012 in
Recommended nozzle size in two-head operation	Ø 0.011 in

For material thicknesses above 5.91 inches, a ByPump Ultra respectively a ByPump Ultra+ with over 72,519 psi 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

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