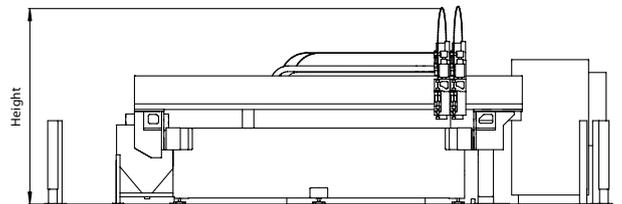
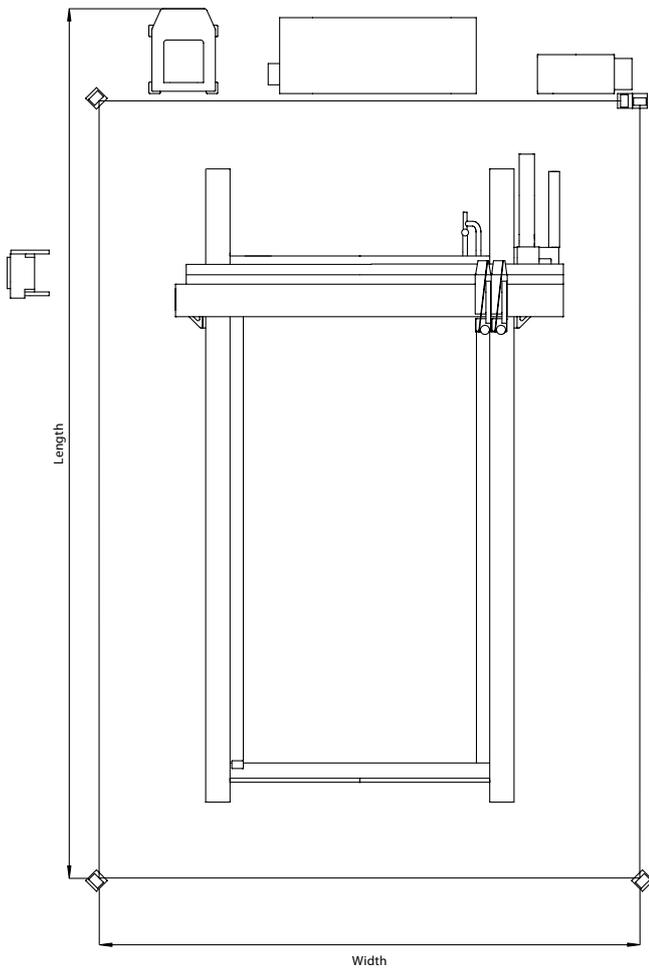


Technical Data

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/in²

Foundation

normal, reinforced industrial floor according to assembly plan

Surface load

4.35–5.80 lbf/in²

Concentrated load (∅ 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 Mbits/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	∅ 0.016 in
Maximum nozzle size in two-head operation	∅ 0.012 in
Recommended nozzle size in two-head operation	∅ 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 Best choice.

Laser | Bending | Waterjet
bystronic.com