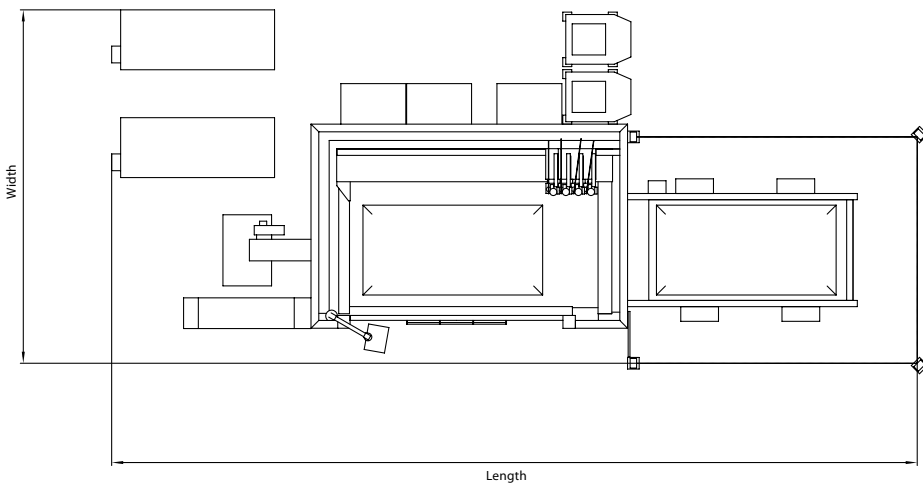
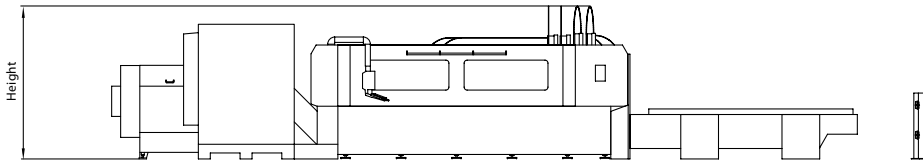


Technical Data

ByJet Pro



ByJet Pro 3015

Length	530
Width	232
Height	100

figures in inches

Work area for flat processing	x = 120 in. y = 60 in. z = 9 in.
Number of cutting heads	1, 2, 4
Minimum and maximum 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 processing speed	0.039 in./min
Positioning accuracy Pa***	± 0.003 in./axis
Repeatability Ps***	± 0.001 in./axis
Maximum load capacity of the frame	8820 lbs.
Maximum load capacity per grate bar	265 lbs.
Maximum number of grate bars	30
Maximum workpiece weight flat part	1.124 lbs./in. ²
Maximum work area for round-part processing*	∅ = 16.535 in. L = 117 in.
Maximum workpiece weight round part	1102 lbs.
Maximum level difference with automatic water level reduction	11.4 in. (2 in. above material support grate)
Machine weight including units**	21,715 lbs.
Machine weight including units with water**	31,416 lbs.
Foundation	normal, reinforced industrial flooring in accordance with the installation plan
Total electrical load machine	64 kW
Prefusing	125 AT
Operation via control panel	with 15" touch screen, keyboard, mouse, and hand-held controller
Disk drives	USB, DVD burner
Network connection	RJ45 connection 10/100 Mbits/s

* Longer tubes on request

** The precise data can vary depending on the individual installation plan

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

High-pressure pump

ByPump Active

Maximum operating pressure	55,000 psi
Supply volume	0 to 5 l/min
Maximum jet size in single-head operation	∅ 0.016 in.
Maximum jet size in two-head operation	∅ 0.012 in.
Recommended jet size in two-head operation	∅ 0.011 in.

For material thicknesses above 5.91 inches, 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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