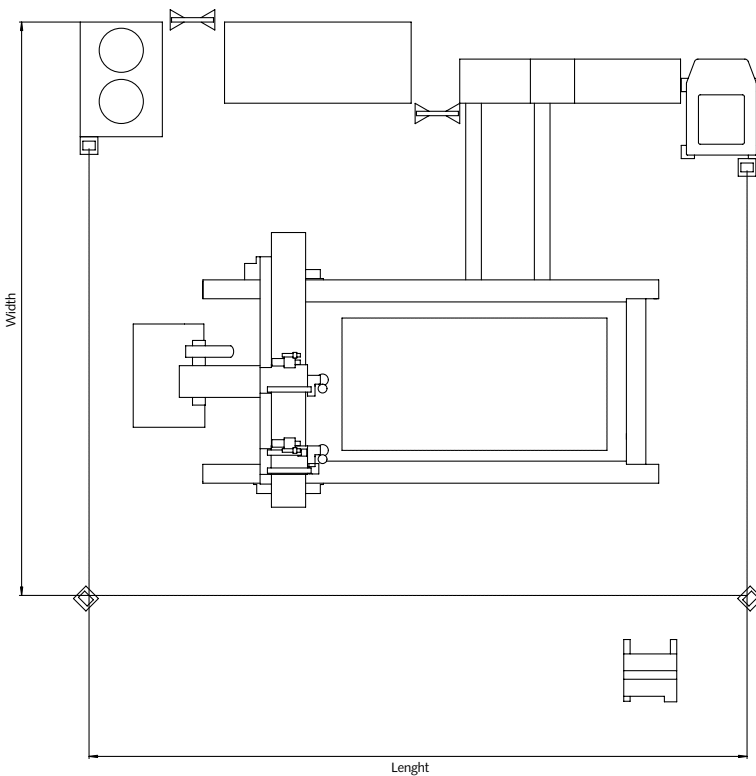
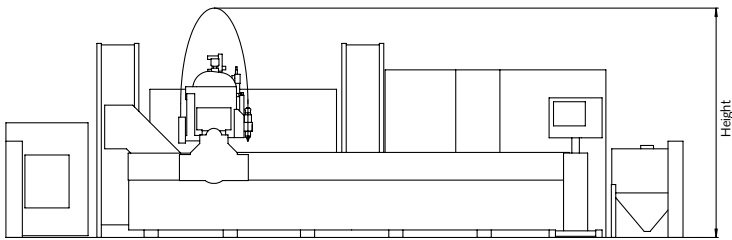


Technical data Byjet



	Byjet 3015	Byjet 4022
Length	293 in.	334 in.
Width	255 in.	283 in.
Height	102 in.	102 in.

Waterjet cutting system	Byjet 3015	Byjet 4022
Working area for sheet processing	x = 120 in. y = 60 in. z = 9 in.	x = 160 in. y = 90 in. z = 9 in.
Number of cutting heads	1 to 4	1 to 4
Maximum carriage clearance	32 in.	45 in.
Maximum positioning speed parallel to the x-, y-axis	2 362 in./min	2 362 in./min
Maximum simultaneous positioning speed	3 300 in./min	3 300 in./min
Maximum cutting speed	1 968 in./min	1 968 in./min
Minimum processing speed	0.039 in./min	0.039 in./min
Machine tolerance in accordance with VDI/DGQ 3441	± 0.003 in./axis	± 0.003 in./axis
Repetition accuracy	± 0.002 in./axis	± 0.002 in./axis
Maximum load capacity of the frame	8 820 lbs.	15 432 lbs.
Load capacity per grate bar	243 lbs.	243 lbs.
Maximum number of grate bars	32	42
Maximum workpiece weight on machine bed	7 716 lbs.	13 888 lbs.
Maximum working area for round-part processing*	Ø = 17322 in. L = 106 in.	Ø = 17322 in. L = 146 in.
Maximum workpiece weight for round part	1 102 lbs.	1 102 lbs.
Max. level difference with automatic lowering of the water level	8 in.	8 in.
Machine weight including additional units**	17 636 lbs.	22 046 lbs.
Machine weight including additional units with water**	26 455 lbs.	37 478 lbs.
Foundation	normal, reinforced industrial flooring in accordance with the installation plan	
Total electrical load for the machine	45 kW	45 kW
Prefusing	125 AT	125 AT
Operation via panel	with 15" touch screen, keyboard, mouse and hand-held controller	
Disk drives	3,5" floppy disk, ZIP 100 disk, CD writer	
Network connection	connection RJ45 10/100 Mbits/s	

* Longer tubes on request

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

Waterjet source	Byump 50 APC
Maximum operating pressure	55.000 psi
Supply volume	0 to 5 l/min
Maximum jet size for single-head operation	Ø 0.016 in.
Maximum jet size for two-head operation	Ø 0.012 in.
Recommended jet size for two-head operation	Ø 0.011 in.

Changes to dimensions, construction and equipment are reserved. Certified in accordance with ISO 9001

Your contact
www.bystronic.com