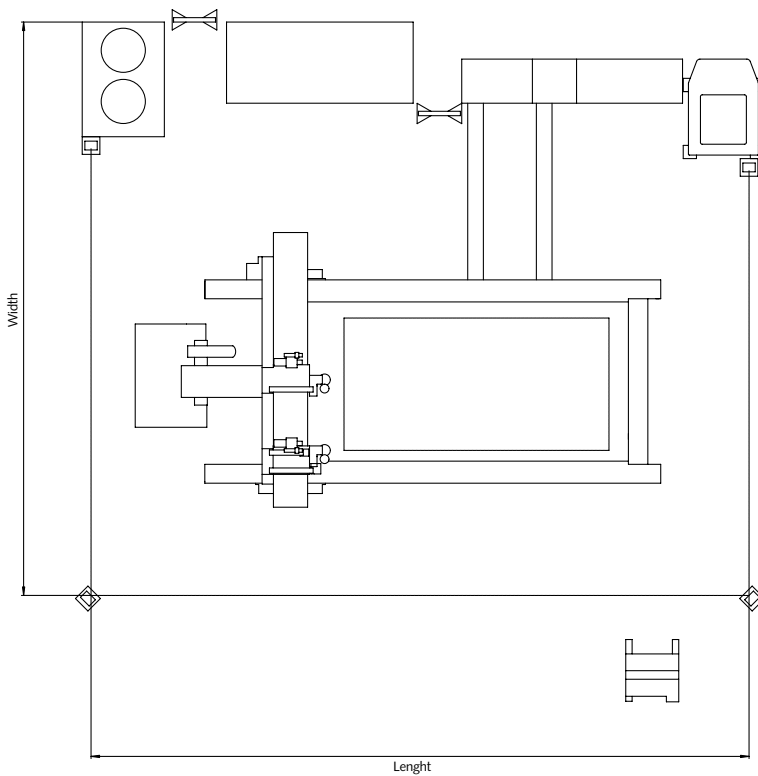
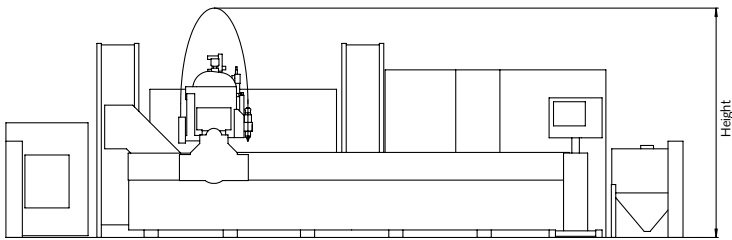


Technical data Byjet



	Byjet 3015	Byjet 4022
Length	7450 mm	8500 mm
Width	6500 mm	7200 mm
Height	2600 mm	2600 mm

Waterjet cutting system	Byjet 3015	Byjet 4022
Working area for sheet processing	x = 3000 mm y = 1500 mm z = 230 mm	x = 4000 mm y = 2250 mm z = 230 mm
Number of cutting heads	1 to 4	1 to 4
Maximum carriage clearance	800 mm	1150 mm
Maximum positioning speed parallel to the x-, y-axis	60 m/min	60 m/min
Maximum simultaneous positioning speed	84 m/min	84 m/min
Maximum cutting speed	50 m/min	50 m/min
Minimum processing speed	0,001 m/min	0,001 m/min
Machine tolerance in accordance with VDI/DGQ 3441	± 0,1 mm/axis	± 0,1 mm/axis
Repetition accuracy	± 0,05 mm/axis	± 0,05 mm/axis
Maximum load capacity of the frame	4000 kg	7000 kg
Load capacity per grate bar	110 kg	110 kg
Maximum number of grate bars	32	42
Maximum workpiece weight on machine bed	3500 kg	6300 kg
Maximum working area for round-part processing*	Ø = 440 mm L = 2700 mm	Ø = 440 mm L = 3700 mm
Maximum workpiece weight for round part	500 kg	500 kg
Max. level difference with automatic lowering of the water level	200 mm	200 mm
Machine weight including additional units**	8000 kg	10 000 kg
Machine weight including additional units with water**	12 000 kg	17 000 kg
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	3800 bar
Supply volume	0 to 5 l/min
Maximum jet size for single-head operation	Ø 0,4 mm
Maximum jet size for two-head operation	Ø 0,3 mm
Recommended jet size for two-head operation	Ø 0,28 mm

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

Your contact
www.bystronic.com