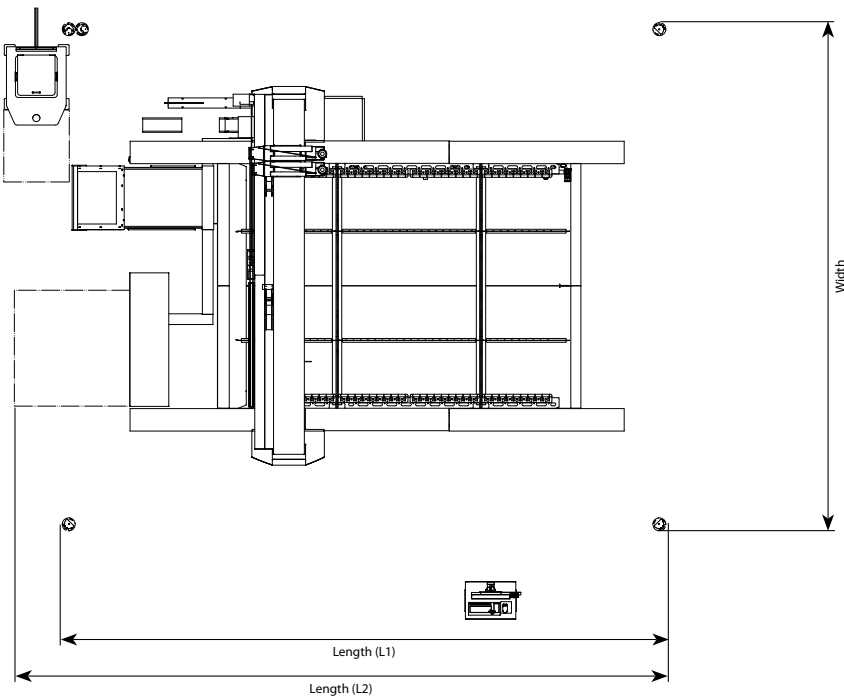
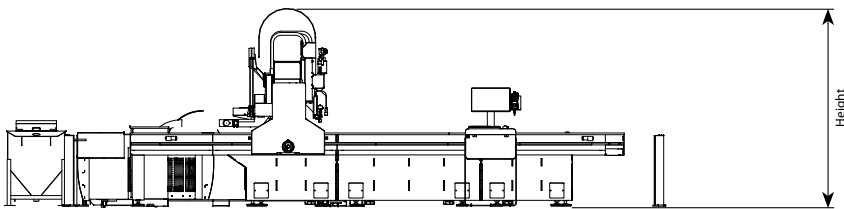


Technical Data

ByJet Flex



ByJet Flex	1530	2030	4030	6030	8030	10030
Length (L1)	5700	6400	8400	10400	12400	14400
Length (L2)	6400	7100	9100	11100	13100	15100
Width	7100	7100	7100	7100	7100	7100
Height	2750	2750	2750	2750	2750	2750

figures in mm

Cutting area			
ByJet Flex 1530	x = 3068 mm	y = 1544 mm	z = 320 mm
ByJet Flex 2030	x = 2084 mm	y = 3068 mm	z = 320 mm
ByJet Flex 4030	x = 4084 mm	y = 3068 mm	z = 320 mm
ByJet Flex 6030	x = 6048 mm	y = 3068 mm	z = 320 mm
ByJet Flex 8030	x = 8084 mm	y = 3068 mm	z = 320 mm
ByJet Flex 10030	x = 10084 mm	y = 3068 mm	z = 320 mm
Number of cutting heads			1 or 2
Minimum and maximum cutting carriage clearance			220/1500 mm
Maximum positioning speed parallel axis x, y/simultaneous			60/84 m/min
Maximum positioning speed z-axis			8 m/min
Positioning accuracy Pa*			± 0,05 mm/m
Repeatability Ps*			± 0,025 mm
Maximum workpiece weight on cutting grid (standard grid slats)**			1600 kg/m ²
Foundation			normal, reinforced industrial floor according to assembly plan
Maximum surface load			4000 kg/m ²
Maximum point load (Ø 150 mm)			1900 kg/dm ²
Machine electrical supply			8,5 kW
Operation via panel			with 21.5" touch screen, keyboard, mouse and manual control unit, Windows 7
Disk drives			DVD-RW, USB
Network connection			RJ45 connection 10/100 Mbits/s

* 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 temperature

** Static load of new (cutting) grate slats

High-pressure pump	ByPump Direct	ByPump Direct ⁺	ByPump Ultra	ByPump Ultra ⁺
Maximum number of pumps per machine	2	2	2	1
Maximum operating pressure	3600 bar	3600 bar	5300 bar	5300 bar
Minimum operating pressure	400 bar	400 bar	800 bar	800 bar
Smallest possible nozzle size	Ø 0,15 mm	Ø 0,15 mm	Ø 0,08 mm	Ø 0,08 mm
Electrical supply	20 kW	41 kW	56 kW	110 kW
Feed capacity	2,5 l/min	5,0 l/min	3,2 l/min	6,7 l/min
Maximum nozzle size in single-head operation at 3600 bar	Ø 0,28 mm	Ø 0,40 mm	Ø 0,35 mm	Ø 0,40 mm
Maximum nozzle size in double-head operation at 3600 bar	Ø	Ø 0,28 mm	Ø 0,25 mm	Ø 0,35 mm
Maximum nozzle size in single-head operation at 4100 bar	Ø		Ø 0,35 mm	Ø 0,40 mm
Maximum nozzle size in double-head operation at 4100 bar	Ø		Ø 0,25 mm	Ø 0,28 mm
Maximum nozzle size in single-head operation at 5300 bar	Ø		Ø 0,28 mm	Ø 0,40 mm
Maximum nozzle size in double-head operation at 5300 bar	Ø		Ø 0,20 mm	Ø 0,28 mm

The right to make changes to dimensions, construction, and equipment is reserved. ISO-9001-certified