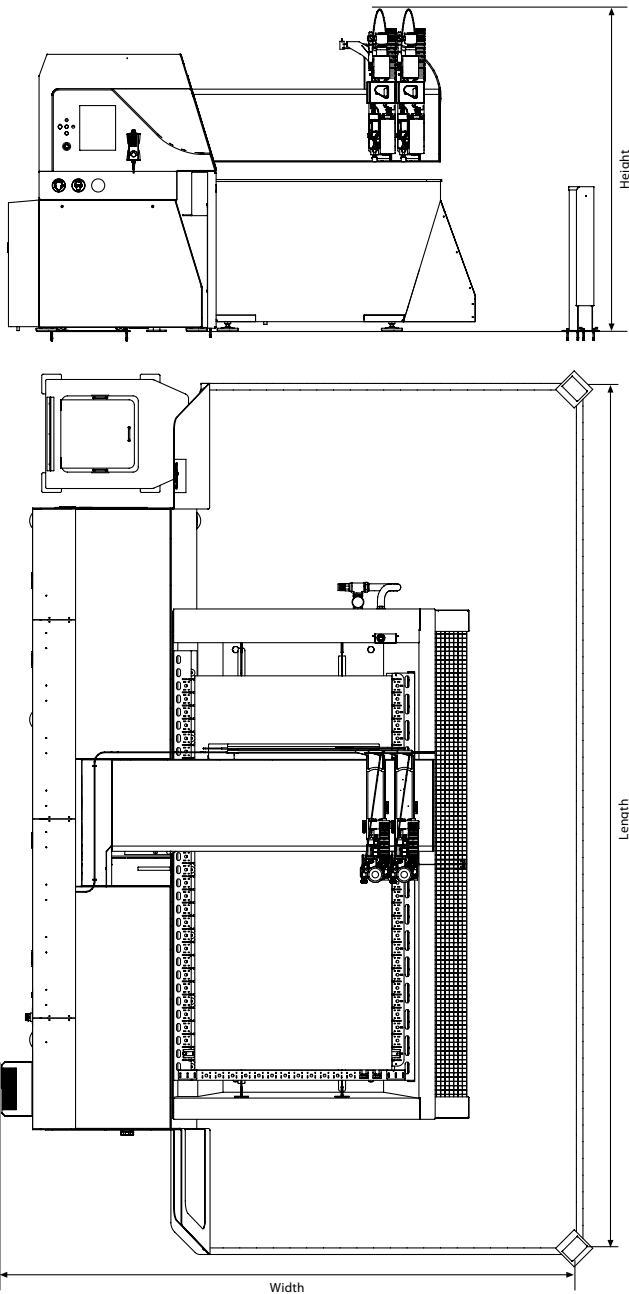


Technical data

ByJet Smart 3015



ByJet Smart 3015

Length	6800 mm
Width	4500 mm
Height	2500 mm

Nominal material size (flat)	x = 3000 mm y = 1500 mm
Cutting area	x = 3068 mm y = 1544 mm z = 250 mm
Number of cutting heads	1 or 2
Minimum and maximum cutting carriage clearance	220/772 mm
Maximum positioning speed parallel axis x, y/simultaneous	20/28 m/min
Maximum positioning speed z-axis	12 m/min
Minimum traverse speed	0,001 m/min
Positioning accuracy Pa*	± 0,08 mm/axis
Repeatability Ps*	± 0,025 mm/axis
Maximum workpiece thickness	200 mm
Maximum load capacity per support bar (standard)**	240 kg
Maximum number of support bars	30
Maximum workpiece weight on cutting grid (standard grid slats)**	1600 kg/m ²
Capacity of the cutting tank	4,2 m ³
Foundation	normal, reinforced industrial floor according to assembly plan
Maximum surface load	1000 kg/m ²
Maximum point load (∅ 150 mm)	2825 kg
Total electrical supply machine with 18.5 kW/37 kW high-pressure pump	32/50 kW
Operation via panel	with 17" touch screen, keyboard, mouse, and manual control unit
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

** Statistical load of new grid slats

High-pressure pump (HP pump)

18,5 kW/37 kW

Maximum operating pressure	3600 bar
Maximum supply volume with 18.5 kW HP pump	2,5 l/min
Maximum supply volume with 37 kW HP pump	5,0 l/min
Maximum nozzle size in single-head operation with 37 kW HP pump	∅ 0,4 mm
Maximum nozzle size in single-head operation with 18.5 kW HP pump, in two-head operation with 37 kW HP pump	∅ 0,28 mm

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

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