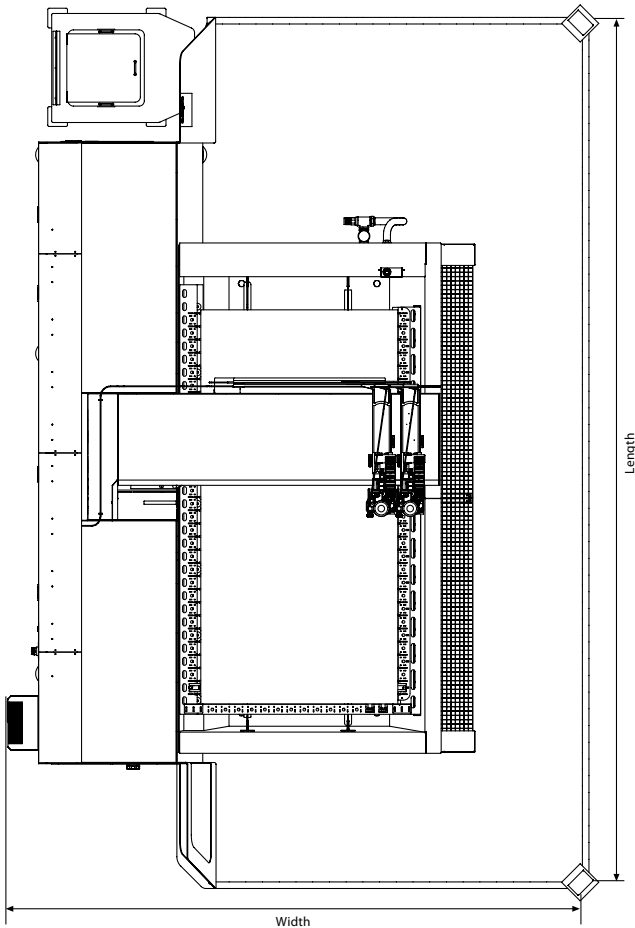
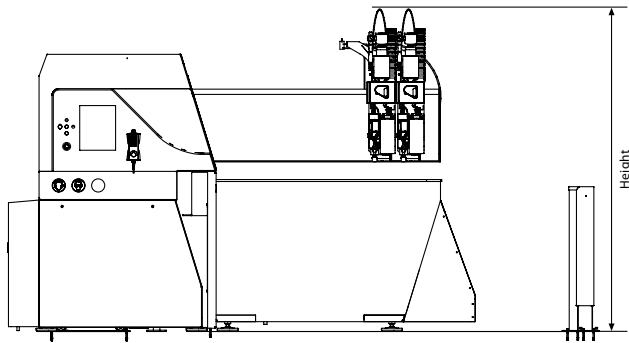


# Technical Data

## ByJet Smart



**ByJet Smart 3015**

<b>Length</b>	6800 mm
<b>Width</b>	4500 mm
<b>Height</b>	2500 mm
<b>Set-up space (length x width)</b>	30.6 m <sup>2</sup>

Nominal material size	x = 3000 mm y = 1500 mm
Cutting range	x = 3048 mm y = 1524 mm z = 250 mm
Number of cutting heads	1 or 2
Minimum and maximum cutting carriage spacing	220 mm/750 mm
Maximum positioning speed parallel to the x, y axis	20 m/min
Maximum positioning speed simultaneous	28 m/min
Maximum positioning speed Z-axis	12 m/min
Minimum traverse speed	0.001 m/min
Positioning accuracy Pa**	± 0.08 mm/m
Repeatability Ps**	± 0.025 mm/axis
Maximum load capacity per support bar	120 kg
Maximum number of support bars	30
Maximum workpiece weight flat part	790 kg/m <sup>2</sup>
Maximum workpiece thickness	200 mm
Empty weight (transport weight)*	13 000 kg
Maximum total weight including units, water, sludge, etc.*	29 000 kg
Capacity of the cutting tank	4.2 m <sup>3</sup>
Foundation	normal, reinforced industrial floor according to assembly plan
Average area loading	1000 kg/m <sup>2</sup>
Maximum concentrated load (∅ 150 mm)	2825 kg
Total electrical supply machine with 18.5 kW/37 kW high-pressure pump	32 kW/50 kW
Operation via panel	with 17" touch screen in portrait format and touch keyboard
Disk drives	USB
Network connection	Connection RJ45 10/100 Mbit/s

\* The precise data can vary depending on the individual assembly plan

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

High-pressure pump (HD pump)	18.5 kW/37 kW
Maximum operating pressure	3800 bar
Feed capacity with 18.5 kW HD pump	0 to 2.5 l/min
Feed capacity with 37 kW HD pump	0 to 5.0 l/min
Maximum nozzle size in single-head operation with 37 kW HD pump	∅ 0.40 mm
Maximum nozzle size in single-head operation with 18.5 kW HD pump, in two-head operation with 37 kW HD pump	∅ 0.28 mm

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

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