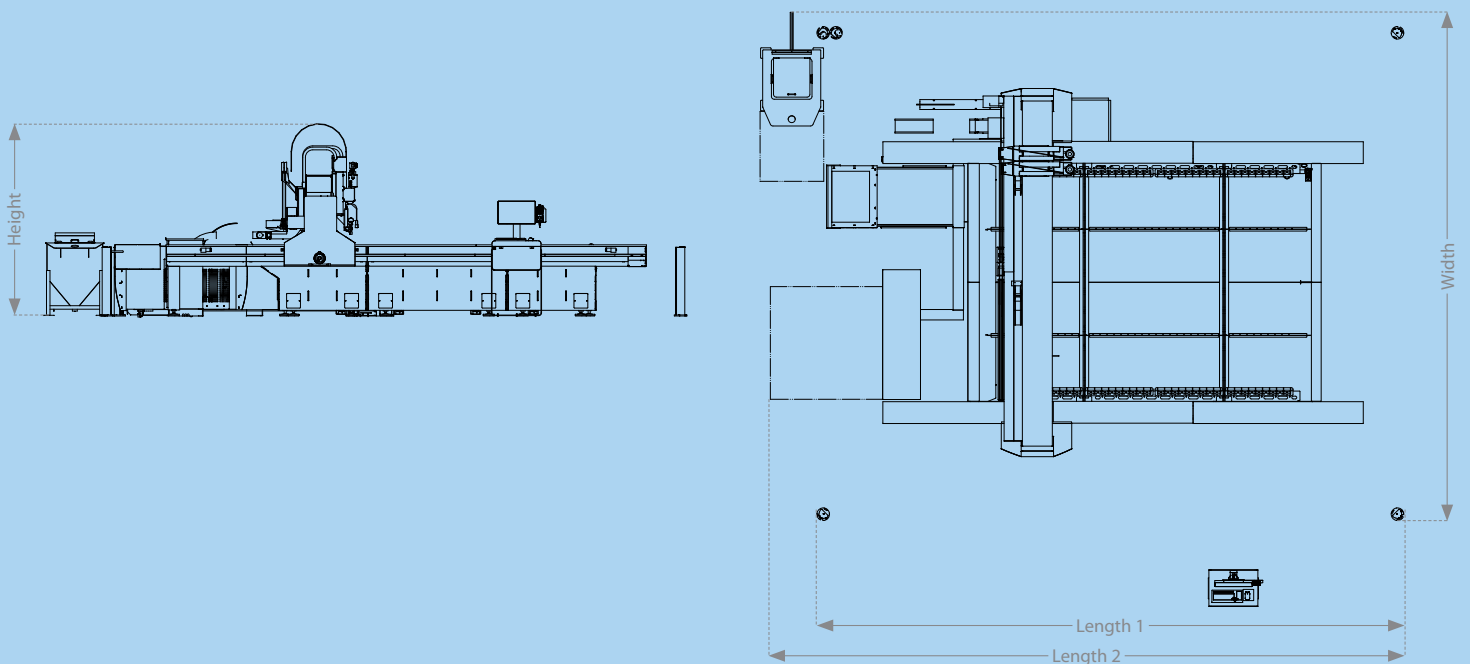


Technical Data

ByJet Flex

	ByJet Flex 1530	ByJet Flex 2030	ByJet Flex 4030	ByJet Flex 6030	ByJet Flex 8030	ByJet Flex 10030	
Length 1	5700	6400	8400	10 400	12 400	14 400	mm
Length 2	6400	7100	9100	11 100	13 100	15 100	mm
Width	7100	7100	7100	7100	7100	7100	mm
Height	2750	2750	2750	2750	2750	2750	mm



Waterjet cutting system

		ByJet Flex 1530	ByJet Flex 2030	ByJet Flex 4030	ByJet Flex 6030	ByJet Flex 8030	ByJet Flex 10 030	
Cutting area	X 2D*	3068	3068	4084	6084	8084	10 084	mm
	Y 2D*	1544	2084	3068	3068	3068	3068	mm
	X 3D**	2368	2368	3384	5384	7384	9384	mm
	Y 3D**	844	1384	2368	2368	2368	2368	mm
	Z	–5/+270	–5/+270	–5/+270	–5/+270	–5/+270	–5/+270	mm
Maximum component height		250	250	250	250	250	250	mm
Maximum workpiece weight***		1600	1600	1600	1600	1600	1600	kg/m²
Maximum positioning speed X, Y		60	60	60	60	60	60	m/min
Number of cutting heads		1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	

Cutting carriage clearance during simultaneous operation of two cutting heads

2 × 2D cutting head (min./max.)	220/1500	220/1500	220/1500	220/1500	220/1500	220/1500	220/1500	mm
2 × 3D cutting head (min./max.)	****/1500	****/1500	****/1500	****/1500	****/1500	****/1500	****/1500	mm

Electrical supply	8,5	8,5	8,5	8,5	8,5	8,5	8,5	kVA
Foundation	normal, reinforced industrial floor according to assembly plan							
Operator terminal	with 21,5" touch screen, keyboard, mouse and manual control unit, Windows 7							

* Maximum clampable sheet size is 20 mm smaller/x- and y-value valid for 2D cutting head and 3D cutting head at a bevel angle of 0° to 10°

** Reduction of cutting area on both sides by 350 mm with a bevel angle of 10° to 46°

*** Static load of new grate slats

**** Minimum head gap of the 3D cutting head depends on the programmed bevel angle (minimum 220 mm from 0° to 10°/minimum 350 mm from 10° to 46°)

High-pressure pump

	ByPump Direct		ByPump Direct+		ByPump Ultra		ByPump Ultra+		
Maximum operating pressure	3600		3600		5300		5300		bar
Minimum operating pressure	400		400		800		800		bar
Smallest possible nozzle size	0,15		0,15		0,08		0,08		mm
Number of pumps per machine	1	2*	1	2	1	2	1	2*	
Electrical supply	17	34	29	58	56	112	110	220	kVA
Supply volume	2,5	5,0	5,0	10,0	3,2	6,4	6,7	13,4	l/min

Maximum nozzle size

in single-head operation at 3600 bar	0,28	–	0,40	–	0,35	–	0,40	–	mm
in double-head operation at 3600 bar	0,20	0,28	0,28	0,40	0,25	0,35	0,40	0,40	mm
in single-head operation at 4100 bar					0,35	–	0,40	–	mm
in double-head operation at 4100 bar					0,25	0,35	0,35	0,40	mm
in single-head operation at 5300 bar					0,28	–	0,40	–	mm
in double-head operation at 5300 bar					0,20	0,28	0,28	0,40	mm

* Technical implementation upon request

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

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