

	JUSTCUT 15.15	JUSTCUT 30.15
Laser working area in mm	1,500 x 1,500	3,000 x 1,500
Max. workpiece height in mm	15	
Max. cutting speed	130 m/min	
Max. workpiece weight in kg	800	1,100
Work table	Pull-out table with metal cutting grid (standard)	
Control elements	PC, control panel for pneumatic lift door	
Laser power	3 kW, 6 kW (CW)	
Wavelength	1080 +/- 10 nm	
Cooling	Water cooling	
Focus	Capacitive autofocus	
Motor system	Servo motors	
Positioning accuracy	+/- 0.05 mm/m	
Repeatability	+/- 0.03 mm/m	
Laser source	MAXphotonics	
Laser cutting head	Autofocus - Machining head - JustCut PCH4000	
Process gases	Compressed air, oxygen, nitrogen	
External dimensions in mm (W x D x H)	2,280 x 3,150 x 2,250, 2,280 x 3,950 x 2,850 (open door open, table extended)	4,700 x 2,600 x 2,100, 4,700 x 4,100 x 2,100 (table extended)
Minimum installation area in mm (W x D x H)	4,535 x 4,750 x 3,100	5,700 x 5,000 x 3,500
Machine weight in kg	2,500	4,100
Power connection machine	3 x 400V / 32A	
Power connection laser source	3 x 400V / 32A	
Power connection for water cooling	3 x 400V / 16A	
Power consumption of machine	max. 11 kW	
Power consumption laser source	max. 10 kW (3000 watts) Max. 20 kW (6000 watts)	
Power consumption water cooling	max. 9.72 kW	
Laser class	2	
Safety components	Light barriers, interlock	
Certification	CE conformity, Machinery Directive 2006/42 EC Annex VII, Electromagnetic compatibility (EMC)	
Ambient conditions	Ambient temperature 10°C – 40°C Humidity 40–70%, non-condensing	
Laser software	CypCutE incl. nesting function	
Warranty	12 months	
Other functions	Automatic edge detection, automatic collision avoidance, nozzle cleaning	