

Laser Cutting Machine

BYSTRONIC BYAutonom 3015 - 6000W



stock-no.: 1200734
type of machine: Laser Cutting Machine
make: BYSTRONIC
type: BYAutonom 3015 - 6000W
year of manufacture: 2012
type of control: CNC
country of origin: Switzerland
storage location: Leipzig 5
delivery time: immediately
freight basis: EXW, free on truck unpacked
price: on request



technical details

x-travel:	mm
x-travel:	mm
y-travel:	1500 mm
distance between columns:	2300 (Brücke) mm
Beam Hour:	ca. 22000 h
laser capacity:	6000 W
control:	CNC P 8109-10-600D
table length:	4500 / Auflage: mm
Table width:	2300 mm
total power requirement:	kVA
weight of the machine ca.:	t
rated capacity:	KW
operating pressure:	120hPa
Waterpressure - required:	max. 6,0 bar
voltage:	400 / 50 V / Hz
total power requirement:	kVA
weight of the machine ca.:	t
dimension laser device LxWxH:	ca. L: 3,0 x B: 1,5 m
dimension filtering system LxWxH:	ca. 1,4 x 2,0 x 2,2 m
dimension coolant device LxWxH:	ca. 2,55 x 1,0 x 1,9 m
space requirements of the machine approx.:	gesamt: ca. 12,8 x 5,3 x 4,3 m

additional information

Flatbed laser cutting machine
Application: ind. Cutting and engraving

Laser medium Co²; N²; compressed air
Sheet dimensions/format 3000x 1500mm
Cutting thickness: e.g. steel X5CrNi18-10 = 1 - 25mm / CNS 25mm / aluminum: 1 - 15mm (Tabb. available)
Resonator - laser source ByLaser 6000W, wavelength 10.600mm, beamØ 20mm, circular polarisation
Shuttle table LxWxH: 4500 x 2300 x 1000mm, load capacity 900kg, table support surface = 3200 x 2000mm
Rf cooling type WKL 560, refrigerant R 407C, cooling capacity 65kW, high pressure 27bar, pump 220 l/min, fan
Dedusting system, Donaldson type DFPRO6 (size approx. 1.4 x 2.0 x 2.2m)
Cross conveyor by Kabelschlepp type SRF 040 (size LxW.H: approx. 3630 x 705 x 1000mm)
Light barrier Sick type M 4000

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Cutting bridge: Y-path 3000mm, stand width 2300mm, cutting carriage size LxWxH: 400 x 300 x 650mm
Operating terminal with complete cabinet combination and manual control unit
Cut Control