

Curriculum Vitae of the machine Reference number: 26523



CNC LASER BYSMART FIBER 4020 , FIBER 6000 CNC LASER

Production Year: 2020
Counter: 3600 hours

Availability: immediately

Sale Reason: closing company



Condition of the Machine: very good condition, well maintained, worn out according to its age not in production but still plugged in

Disclaimer: The Condition of the Machine assessment presented in this CV was either obtained from the last machine operator or is based on an inspection performed by our employee, just to provide you with as much information as possible. For more certainty we recommend your own check or an assessment of an independent mechanic. We cannot provide you with any machine guarantee.

More Details:

smart access to fiber laser technology
excellent cutting performance and high-quality cutting of thin to medium-thickness sheet metal.
a wide range of applications. In addition to steel, stainless steel, and aluminum, non-ferrous metals can also be processed with excellent quality.
easy operation and intuitive process control enable quick adoption of fiber laser technology.
higher profit per part. Fast cutting processes combined with relatively low operating costs and minimal maintenance requirements.
flexible process solutions. Bystronic's software and automation solutions optimally integrate the BySmart Fiber into sheet metal processing environments.

machine length (L): 12,765 mm
machine width (W): 7,535 mm
machine height (H): 2,880 mm
nominal sheet size (X): 4,000 mm
nominal sheet size (Y): 2,000 mm
cutting area (X): 4,120 mm
cutting area (Y): 2,110 mm
cutting area (Z): 100 mm
maximum positioning speed of parallel X/Y axes: 100 m/min
maximum simultaneous positioning speed: 140 m/min
bidirectional positioning repeatability of one axis R (according to ISO 230-2:2014): 0.05 mm
mean bidirectional positioning deviation of one axis M (according to ISO 230-2:2014): 0.1 mm
edge detection accuracy: ± 0.5 mm
maximum workpiece weight: 1,900 kg
laser source: Fiber 6000
power: 6,000 W
power range: 600–6,000 W
wavelength: Fiber
table change time: 36 s
maximum material thicknesses:
steel*: 25 mm
stainless steel: 30 mm
aluminum: 30 mm
copper: 12 mm
brass: 15 mm
with optional BeamShaper function
chiller: Yes
dust extractor: Yes
automatic plate loading: No
total system power consumption (including extraction and chiller): * 21 kW
* power consumption data represents an average based on 4 reference cutting plans for structural steel with thicknesses from 1–10 mm.
the machine has been regularly serviced.
no components have been replaced.

