

Laser cutting machine Amada LC 2415 A IV 4kW

Year: 09/2008

Machine hours: about 53.000 h



Technical details

Max. working area X / Y / Z: 2520 x 1550 x 300 mm

With repositioning X / Y / Z: 5040 x 1550 x 300 mm

Max. sheet thickness: 12 mm

Max. sheet weight: 330kg

Cutting speed 0 – 20 m/min

Positioning speed X- / Y- / Z-axis: 80 / 80 / 60 m/min

Positioning tolerance: +/-0,01 mm auf 500 mm

Repeating positioning tolerance: +/-0,005 mm

Work chute Y x X: 1550 x 550 mm

Electrical connection: 400 V, 50 Hz, 3 phases

Power consumption : 70 kVA

Air consumption: 250 l/min; 6 bar

Machine weight: 7.500 kg

Resonator:

Type: Fanuc AF 4000 iB

Laser power: 4000 Watt

Laser wave length: 10,6 μm

Control:

Model: AMNC-F

Screen: 14" LCD

Interfaces: RJ45, USB

Special features:

- Adaptive optics (Active Cut)
- HS-2003 sensor cutting head
- High pressure cutting device (Clean Cut)
- Alumino cutting device (Alu Cut)
- automatic focal point adjustment
- automatic gas pressure adjustment
- automatic repositioning device
- Work chute
- Dust collector
- Cooling unit
- Diode laser for positioning
- Beam purge unit

