

Amada LC-3015 F1 NT 4kW

Year: 2011

Machine hours: about 52.000 h / 31.000h



Amada LC 3015 F1 NT

Technical data machine:

Working area X/Y/Z: 3270x1550x100 mm

Max. sheet weight: 920 kg

Max. positioning speed X/Y/Z: 120/120/120 m/min

Simultaneous: 169 m/min

Technology of axis X/Y/Z: linear drives

Max. acceleration: 30 m/s²

Positioning tolerance: +/- 0,01 mm

Positioning spread: +/- 0,005 mm

Machine weight: 11 to

Laser:

Laser source: Fanuc AF 4000 iB

Max. laser continuous power: 4.000 Watt

Max. laser peak power: 5.000 Watt

Laser gas consumption: 10 l/h

System principle: AC HF animated, quickly passed

Frequency: 5 – 2.000 Hz

Laser wave length: 10,6 µm

Beam divergency:<2 mrad

Control:

CNC type: AMNC-F

Screen: 15" touch screen

Number of controlled axis: 4 (X/Y/Z/B) and laser power control

Memory capacity: 10 MB

Standard options:

Automatic pallet changer

High pressure cutting (CleanCut)

Alumino cutting device

Automatic gas pressure control

Contact-free capacitive laser cutting head HS 2007

Dust collector

Cooling unit

Diode laser for positioning

Beam purge unit

Active cutting monitoring

Cooling Cut



Amada MP FLEXit 3015:

Technical data loading/unloading unit:

Year 2012

Numbers of cutting pallets: 2 pieces

Min. sheet size: 2000 x 1000 mm

Max. sheet size: 3050 x 1525 mm

Sheet thickness: 0.8 – 25 mm

Max. sheet weight: 920 kg

Cycle time: 69 s

Type of fork unload: single fork unload with roller chains

Raw material stack height: 400 mm

Unloading stack height: 300 mm

Min. part size: 180 x180 mm

Machine total height: 2650 mm

