

Amada FLC 3015 AJ 2kW

Year 2017

Machine hours: about 19.000h



Technical data

Working range: 3100 x 1550 x 100 mm
Table loading weight: 920 kg
Positioning speed (X/Y/Z): 120/120/120 m/min
Drive technology (X/Y/Z): linear drives
Max. acceleration: 30 m/s²
Laser principle: Flying optic
Positioning tolerance: +/- 0,01 mm
Positioning spread: +/- 0,005 mm
Machine weight: 11.000kg

Oscillator:

Laser source: Laser diode-pumped fibre laser
Type: AJ-2000
Laser power: 2000 Watt
Laser wave length: 1,08 µm
Stability: +/- 2%
Pulse frequency: 1 – 10.000 Hz
Duty range: 1-100%

Control:

Type: AMNC 3i

Screen: touchscreen

Interfaces: network, USB

Equipment:

Automatic pallet changer

High pressure cutting device (CleanCut)

Aluminium cutting device

Automatic gas pressure adjustment

NC-focus control

Sensor cutting head

Diode for positioning

Cutting process monitoring

Safety device

Cooling Cut

Peripheral devices:

Transformator

Cooling unit

Dust collector

Pallet changer

Operator panel

Max. material thickness:

Mild steel: 12 mm

Stainless steel: 8 mm

Aluminium: 6 mm

Brass: 4 mm

Copper: 3 mm







