

**Amada FLC 3015 AJ 2kW**

Year 2013

Machine hours: about 26.000h



**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/s<sup>2</sup>  
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-F

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

**Options:**

Automatic nozzle changer

Conveyor belt longwise

Multicoater for dust collector





