

Amada EML 3610 NT 4kW

Year: 2005

Machine hours: about 108.000h



Technical data:

Control: AMNC-F

Punch force: 300kN

Working area punch operation (XxY): 3050 x 1875 mm

Working area laser operation (XxY): 2550 x 1525 mm

Working area combined operation (XxY): 2500 x 1500 mm

Working area laser axis (Z): 380 mm

Max. material thickness: 6 mm

Max. table loading weight: 220 kg

Feed rate X/Y: 100 / 80 m/min

Simultaneous: 128 m/min

Positioning tolerance : +/- 0,1 mm

Number of stations in turret: 45

Thereof rotating stations: 4

Feed rate turret: 30 1/min

Max. number of hits: 780/min

Type of tables: brush tables

Part flap: 400 x 1525 mm

Machine frame: Bridge frame

Punching drive: servo-electric

Drives turret + table: AC servo motors

Machine weight: 29 to

Laser:

Resonator: FANUC AF4000E
 Max. continuous laser power: 4000 W
 Laser gas consumption: 10 l/h
 Laser wave length: 10,6 μ m
 Beam divergence: < 2mrad

Control:

CNC type: AMNC-F
 Screen: 14" LCD
 Number of controlled axis: 7 (X/YP/YL/Z/T/C)
 Memory capacity: 10 MB Flash ROM
 Data mediums: 3,5" HD, CD-ROM
 Interfaces: USB, RS 232, Ethernet

Equipement:

- Part flap
- Air Jet Vakuum
- Barcode reader
- Wedge leveling elements
- Sheet tilt up monitoring
- „Punch and forming“
- integrated 4 times tapping unit
- Nozzle and lense quick changing system
- Automatic focal system
- Automatic gas pressure adjustment
- High pressure cutting device (CleanCut)
- Aluminum cutting device (AluCut)
- Dust collector
- Chiller unit





