

Amada EMZ 3610 NT + Tapping + PDC II + L III + PR UL III

Year: 11/2010

Machine hours: about 35.000 h



Technical data:

Control: AMNC-F

Punching force: 300kN

Working area X/Y: 2500 x 1525 mm

With repositioning: 5000 x 1525 mm

Max. sheet thickness: 4,5 mm (mild steel)

Max. table loading weight: 160 kg

Feed rate X/Y: 100 / 80 m/min (128 m/min simultaneous)

Positioning tolerance: +/- 0,1 mm

Number of stations in Z-turret: 45

AutoIndex stations: 4 (2 x B, 2 x C)

Feed rate turret: 30 1/min

Max. number of hits: 1000/min

Machine frame: Bridge frame

Punching drive: servo-electric Twin Drive

Drives turret + table: AC-Servo motors

Clamps: pneumatical

Electrical connection: 400V / 50Hz

Electrical consumption: 1kW – 7kW

Air consumption machine: 250 l/min

Air consumption Air Jet Vakuum: 250 l/min

Machine weight: 23 to

Tapping Unit:



8 stations

- Station 1: T411 (M8, lead 1,25)
- Station 2: T412 (M6, lead 1,0)
- Station 3: T413 (M5, lead 0,8)
- Station 4: T414 (M4, lead 0,7)
- Station 5: T415 (M3, lead 0,5)
- Station 6: T416 (M3, lead 0,5)
- Station 7: T417 (M2,5, lead 0,45)
- Station 8: T418 (M2,5, lead 0,45)

PDC II (tool changer):



220 stations, thereof:

- 120 x A station
- 80 x B station
- 12 x C station
- 8 x D/E station

Tool changing time: 12 - 40 seconds per tool

Static address system

Weight: 5.000 kg

At tool changing process punches and dies can be changed parallel or only the dies can be changed.

Up to 3 dies can be related to each punch.

Loading unit Loader L III 300:



Sheet size min.: 1000 x 300 mm

Sheet size max.: 3000 x 1500 mm

Material thickness: 0,5 – 8,0 mm

Max. loading weight: 300 kg

Max. stack height: 300 mm

Max. pallet weight: 3000 kg

Max. feed rate traverse: 70 m/min

Number of suction cups: 34 pieces

Double sheet control: yes, with sheet thickness detector

Air consumption: 510 l/min, 6 bar inlet pressure

Electrical connection: 400V

Unloading unit Parts Remover PR III UL 300:



Part size min. / max.: 150 x 150 mm / 2500 x 1000 mm

Sheet thickness: 0,5 – 3,0 mm (4mm for EM-Serie)

Max. part weight: 50kg

Storage table size: 3400 x 1400 mm

Min. part size for unloading clamps: 1600 x 300 mm

Max. part size for unloading clamps: 3000 x 1500 mm

Max. stack height skeleton table: 450mm

Max. weight skeleton table: 2000kg

Max. stack height storage table: 450mm

Max. weight storage table: 4000kg

Max. feed rate X- / Y-direction: 180 / 90 m/min

Air consumption: 1000 l/min, 6 bar inlet pressure

Electrical connection: 400V