TK750 - Jot Automation J501-57 Laser Depaneling Cell (2010)

Model: J501-57 Laser Depaneling Cell

SKU:

Year: 2010



Description:

Jot Automation J501-57 (2010) Laser Depaneling Cell

Brand: Jot Automation
Model: J501-57
Year: 2010
Description: Laser Depaneling Cell

Standard Features
- CO2 laser
- Cutting beam from top side
- Cutting nozzle moved by upper robot axes
- Fume extraction with active carbon fiter
- Product handling by input-output conveyors
- Product flow direction from left to right
- Machine vision
- DXF file support for teaching cutting points
- Graphical User Interface
- ESD-safe design



• CE-safety compliant

Options
• Fume exhaust as factory system: yes
• Different power supply: 400 W
• Fixed edge: rear
• Other language: English

Technical Characteristics
• Machine dimensions (Length x Depth x Height): 500 x 2000 x 1700 mm (20“ x 79“ x 67“) Height 2300 mm (90”) with light beacon
• Weight of router: approx. 600 kg (1323 lbs)
• Input conveyor:
Edge carrier
Fixed edge in front
Width 75...470 mm (3”...18.5”)
Width adjustment automatically
• Output conveyor:
Flat belt conveyor
Width up to 470 mm (18.5”)
Integrated vacuum system
• Cutting speed:
Nozzle speed is up to 1500 mm/s (59”/s).
Net cutting speed depends on product (amount of sweeps).
• Cutting accuracy: ±0.1 mm (±4 mils)
• Width of cutting line: ←0.1 mm (←4 mils)
• Repeatability of robot axes: ±0.02 mm (±0.8 mils)
• Noise level: ←80 dB(A)

Installation Requirements
• Power supply 3P+N+PE 230V / 50Hz / 16A
• Air pressure 0.6 MPa (6 bar)
• Air consumption 150 l/min / max (5.3 cfm)

Board specifications
• Material FR4 without copper, rigid and flexible printed circuits
• Maximum dimensions (Width x Length):
470 x 355 mm (18.5“ x 14”): Off-Line model
470 x 300 mm (18.5“ x 11.8“): In-Line model
200 x 240 mm (7.9“ x 9.5“): In-Line model with

two parallel tracks (dual-line)

- Thickness 0.1 ... 2.5 mm (0.004" ... 0.1")
- Components heights on upper and bottom side 25 mm (1")

