

EasyMounter Odd-Form Component Placer

PRODUCTION
AUTOMATION



- Simple and Easy, Low Cost, Odd Form Pick & Place Unit
- In-Line and Off-line Capable
- For 'Standard' Odd Form Components and Special Applications
- Maximum Efficiency and Productivity
- Minimum Footprint
- Cartesian or 4 Axis Scara Robot for Fast and Efficient Placement
- Intuitive Operator Interface, Easy Programming
- 6 Feeders Slots

OPTTE
EXPERTS IN FACTORY AUTOMATION

EasyMounter Odd-Form Component Placer

Technical Specification	
Cycle time per component:	2 sec per component (Pick and Place time inclusive passive clinching)
Placement accuracy / repeatability XY:	30 μ m / 3 sigma (50 μ m repeatability)
Placement force:	100 N
Feeder bank:	3 feeder slots of 90 mm standard (Optional 6 feeder slots maximum)
Feeder types:	Axial, radial, tape, stick, tray, special feeders on request
Component gripper:	Pneumatic gripper, axial, radial (Optional: piezo, vacuum, servo gripper)
Component weight:	100 gr (max)
PCB transport system:	3 segments (SMEMA)
PCB handling time (import-export):	< 3 sec
PCB transfer height:	950 mm (\pm 25 mm)
PCB bottom clearance:	20 mm
PCB top clearance:	100 mm
PCB edge clearance:	2-3.2 mm
PCB dimensions:	Minimum: 50 x 50 mm (2 x 2") Maximum: 300 x 300 mm (11.8 x 11.8")
PCB thickness:	0.5 - 4.5 mm (0.02 - 0.17")
Energy requirements:	3 x 400 V - 6 kVA - 50/60 Hz
Compressed air:	6 bar, min 40NL/min, according to DIN ISO 8573 3.4.5 (Approx. 10 L/min consumption)
Color:	RAL 7035
Dimensions (L x D x H):	1,000 x 1,300 x 1,840 mm (39 x 52 x 72.4") (without feeders)
Weight:	1,600 kg (without feeders)
Standards:	CE approved
Operating temperature:	10 - 40 °C
Humidity:	20 to 85 % RH non-condensing
Options	
Dual gripper head	
Tool changer bank for 5 grippers (gripper part not included)	
Scanner 1D / 2D	
Feeder bank: extra 3 feeders	
Insertion force control	
Insertion through control	
PCB support plate	
Passive clinch unit	
Active clinch unit	



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