

Odd Shape Placement

Fast component placement, high productivity

JOT Automation Odd Shape Placement Unit is designed for placing components that are out of the standard SMT machines placement range. It is diverse, fast, compact, and cost efficient solution for placing odd shape components in demanding production conditions.

JOT Automation Odd Shape Placement Unit provides you with high productivity and quality of process.



KEY FEATURES

Automatic component placement cell for odd shaped components	Accepts different types of component feeders and grippers
Active/passive clinching	Traceability managing capability
Easy set up with graphical user interface	Teach pendant
Production statistics	

MACHINE IDENTIFICATION

Machine name and code:
Odd Shape Placement Unit J504-08L

STANDARD FEATURES

Grasps and Releases gripper

High precision mechanical tools

Automatic tool exchange system

Gripper presence detection

Insertion test

Component presence sensing

Integrated vacuum function

Graphical user interface

PC, mouse, keyboard, and touch screen monitor integrated to the frame

Segmented pass through conveyor

Conveyor width adjustment method: handwheel

SMEMA electrical interface

ESD-safe design

CE-safety compliant

CONTACT US

Please, find all the contact details from our website www.jotautomation.com or send an inquiry to info@jotautomation.com

TECHNICAL CHARACTERISTICS

Machine dimensions (L x D x H):
1000 x 1400 x 1800 mm (39.4" x 55.1" x 70.9")

Robot Working Area (W x L): 500 x 700 mm (19.7" x 27.6")

Track height: 900-950 mm (35.4"-37.4")

Track speed: 12 m/min (39.4 fpm)

Transport direction: from left to right

Fixed edge: front

Flat belts with 3 mm carrying edge

Servo driven manipulator

Feeding capacity: up to 5 different feeders

Average insertion time: 1.7/2.2 s

Max. pressing force: 160 N

Active/passive clinching system

Configurations:

- In-line
- Pass-Back
- Stand alone

OPTIONS

Transport direction: from right to left

Pallet conveyor

Bar code reader

2D reader

Conveyor width adjustment method: automatic

Conveyor speed adjustment

PRODUCT SPECIFICATIONS

Maximum board/pallet dimensions (W x L):

- With active clinching: 320 mm x 380 mm (12.6" x 15")
- With passive clinching: 320 mm x 470 mm (12.6" x 18.5")

Maximum components height:

- On top: 50 mm (2")
- On bottom: 30 mm (1.2")

Maximum board/pallet weight: 2 Kg

Minimum tracking edge per side: 3 mm (0.12")

INSTALLATION REQUIREMENTS

Power supply: 230 VAC (1P+N+PE) - 50/60 Hz - 16 A

Air pressure: 0.6 MPa (6 bar)

