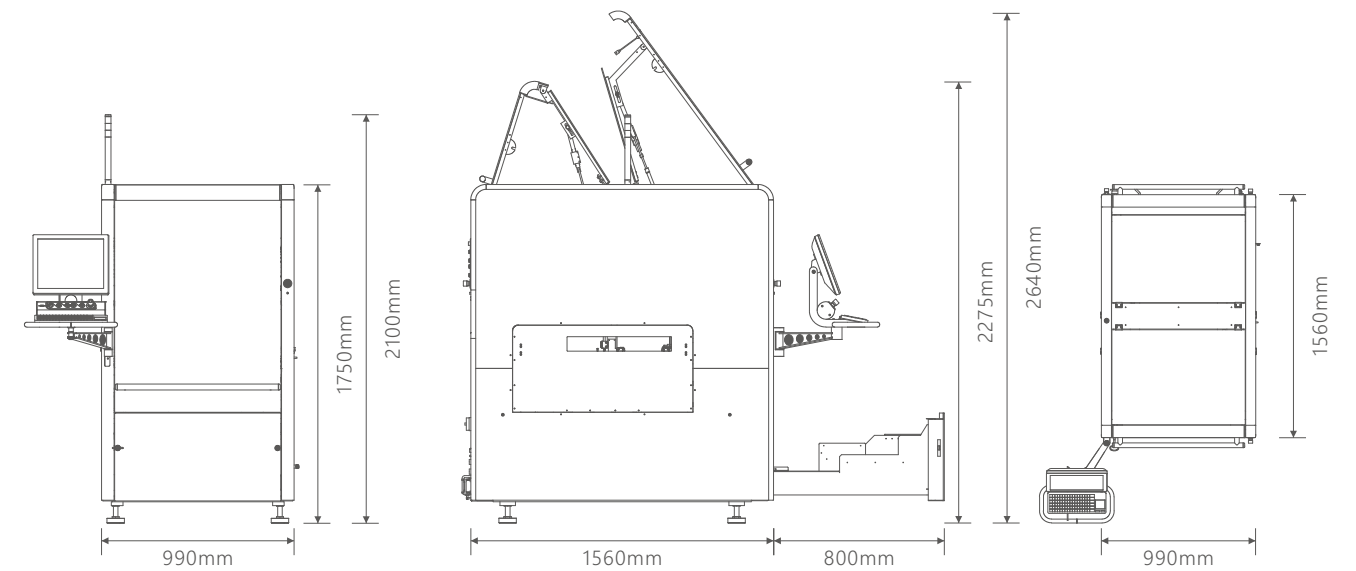


1000 OF EVO

Inline Odd-form Placement Equipment



TECHNICAL DATA



Basic Info

Width: 990mm
Depth: 1560mm
Height: 1750mm
Weight: 1600kg

Basic Function

Touch Screen
Programmable Conveyor Width Adjustment
PCB Stopper Pos: Programmable
Programmable Locking Pin Adjustment
Component Presence and Collision Detection
Component Pusher: High/Lower force
Servo Grippe
Automatic Finger Exchange
Finger Slots Available: 8+2(Tools)
Available Feeder Space: 720mm
Feeder Ports: 15pcs
Available Feeder Types: Axial, Radial, Horizontal
Tube, Angular Tube, Tray, Bowl, Custom

Optional Function

Dual Monitors
Active Clincher
Pneumatic Finger
Oversized component can be handled per request
Snap in Component Support
Conveyor Doors

Electrical Service Requirement

Voltage: AC400V/50Hz
Max Power: 6KW

Motion System

X-travel: 600mm
Y-travel: 940mm
Z-travel: 150mm
W-travel: 360°
Repeatability (X, Y): ± 0.03 mm
Repeatability (W): $\pm 0.05^\circ$

Processing Capacity

Min PCB Size(L*W): 50x50mm
Max PCB Size(L*W): 500x365mm (Long Board Mode)
Max PCB Size(L*W): 380x365mm (Common Mode)
PCB Thickness: 1-5mm
Max PCB Weight: 6.1kg
Max Axis Speed: 2000mm/s
Max Acceleration: 15000mm/s²
Max Component Weight: 100g
Max Component Size: 100x100mm
Gripper Movement: 26mm
Top Clearance: 60mm
Bottom Clearance: 12mm
Edge Clearance Top: 3mm
Edge Clearance Bottom: 5mm
Transfer Height: 900 \pm 25 mm
PCB Conveyor Type: 3 segments
PCB Transfer Time: 2-3s
Transfer Protocol: SMEMA
Transfer Speed: Max 12m/min

Pneumatic Service Requirement

Air Pressure: 5-7 bar
Approx. Air consumption: 100 L/min

Vision System

Camera Assist Teaching
Multiple Vision Tools for the Fiducial Marks:
Crossing Line/Circle/Rectangle
Fiducial Mark Identification: <1s
Correction of Component Position: Optional
Visual Bad Board Detection: Optional

Software Function

Windows Operating System
Standard User Interface
MES Interface (Specified)
User Access Management
Diagnostic Tools
Event Log
Barcode Support: 1D/2D
Cell Monitoring System(CMS): Optional
Offline Programming: Optional
Automatic Program Exchange: Optional
Specified Data Tracement: Optional
Local Data Management: Optional
Cell Statistics: Optional
Component Validation System: Optional
Automatic CAD Download: Optional

Equipment Safety

Machinery Safety: E-Stop/Safety Door Interlock
Electrical Safety: ESD protection/Overload Protection

Environmental Requirement

Operating Temperature: 10-40°C
Operating Humidity: 30%-85%

Cencorp 1000 OF EVO is a reliable choice equipped with active clinching unit and flexible feeder unit to provide you on best components compatibility and more production capacity.

Through extensive software options like on-line CAD import, MES connectivity and traceability, Flexible machine configuration with dynamic programming, it meets the toughest quality demands and fast product switch in electronics industry today.