

# 1000 BR EVO2

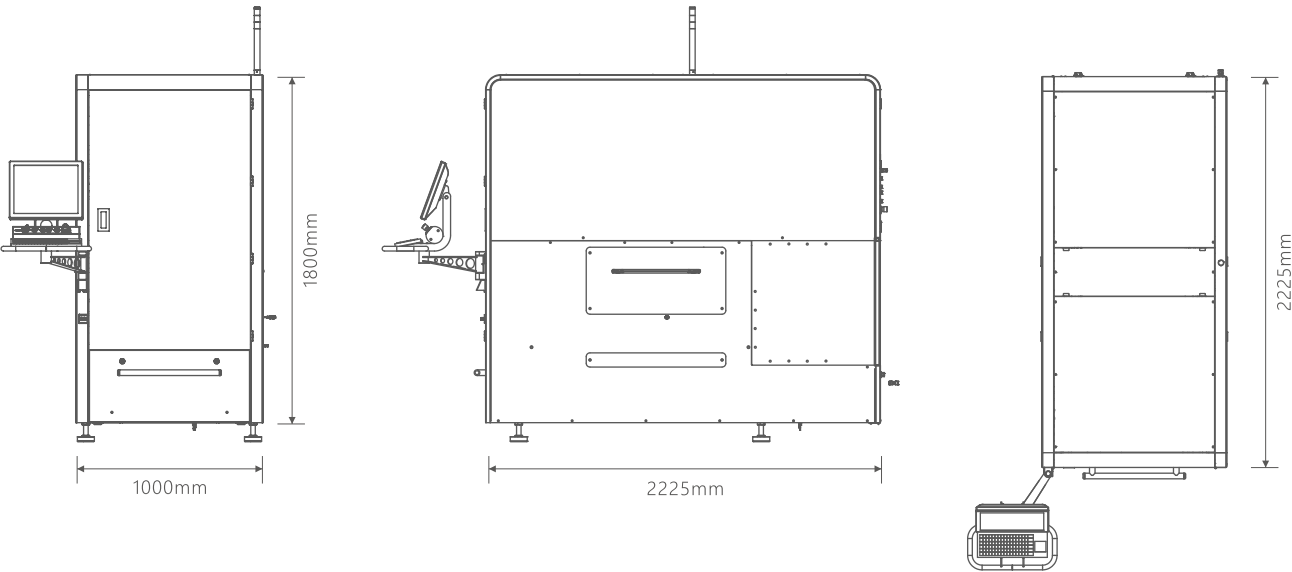
## Inline Depaneling Equipment



Cencorp 1000BR EVO2 is a basic inline PCB depaneling machine, This machine is a better choice with streamline structure and proper software configuration for customers who has need of basic depaneling demand.

No manual operation or special tool necessary during changeover of production due to application such as automatic program change, servo gripper, etc. applied to ensure high efficiency and consistency of production just like the other inline depaneling machine of cencorp. cencorp 1000BR EVO2 can also meet some customized MES requirement to fulfill strict quality check for some customer.

## TECHNICAL DATA



<b>Basic Info</b> Width: 1000mm Depth: 2225mm Height: 1950mm Weight: 2100kg	<b>Motion System</b> X-travel: 570mm Y-travel: 1505mm Z-travel: 200mm W-travel: 360° Repeatability (X, Y, Z): ± 0.02 mm Repeatability (W): ± 0.05°	<b>Vision System</b> Camera Assist Teaching Multiple Vision Tools for The Fiducial Marks: Crossing line/Circle/Rectangle Fiducial Mark Identification: <1s Repeatability: ±0.03mm Edge Cutting Inspection: Optional
<b>Basic Function</b> Programmable Conveyor Width Adjustment Programmable PCB Stopper Position Automatic Bit Change Broken Bit Verification Routing Bit Storage: 8pcs Servo Gripper Gripping Verification Automatic Finger Exchange Automatic Gripping Width Adjustment Tool Rack for Gripper Finger: 2 Positions	<b>Processing Capacity</b> Min PCB Size (L*W): 75x75mm Max PCB Size (L*W): 400x350mm PCB Thickness: 1-5mm Top Clearance: 100mm Bottom Clearance: 40mm Max Axis Speed: 2000mm/s Max Spindle Speed: 50000 RPM Routing Speed: 20-50 mm/s Routing Accuracy: ± 0.1mm Transfer Height: 900±25mm PCB Speed Up to: 30m/min PCB Conveyor Type: 2 Segments	<b>Software Function</b> Windows Operating System Standard User Interface MES Interface (Specified) User Access Management Vacuum Bag Life Tracking Tool Life Tracking Diagnostic Tools Event Log Barcode Support: 1D/2D Cell Monitoring System(CMS) Offline Programming: Optional
<b>Optional Function</b> Multi-gripper(Customized) External Vacuum System: Nilfisk / Ruvac / Villo / Other  Dust Flow Control Routing Bit Height Verification Routing Bit Diameter Verification Ionzer Taifun Cleaning Units: Optional Dual Display: Optional	<b>Equipment Safety</b> Machinery Safety: E-Stop/Safety Door Interlock Electrical Safety: ESD Protection / Overload Protection	<b>Electrical Service Requirement</b> Voltage EU (USA): 400 (208) VAC 10% Frequency EU (USA): 50 (60)Hz Branch Circuit Size: 16A Average Power: 2Kw/Phase
	<b>Pneumatic Service Requirement</b> Air Pressure: 5-7 bar Approx. Air Consumption: 85 L/min	<b>Environmental Requirement</b> Operating Temperature: 10-40°C Operating Humidity: 30%-85%