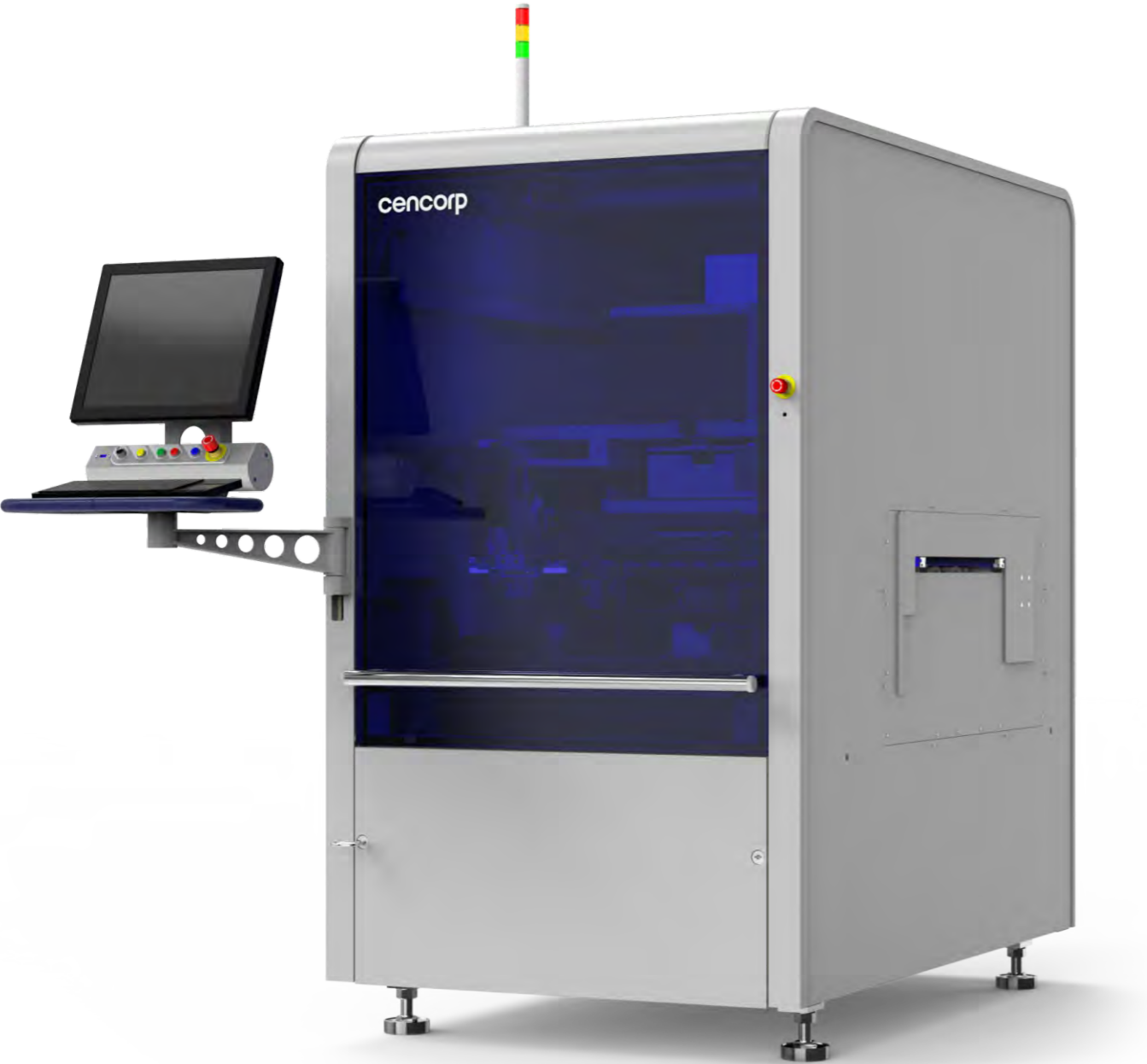


# 1000 IR

## Inline Depaneling Equipment

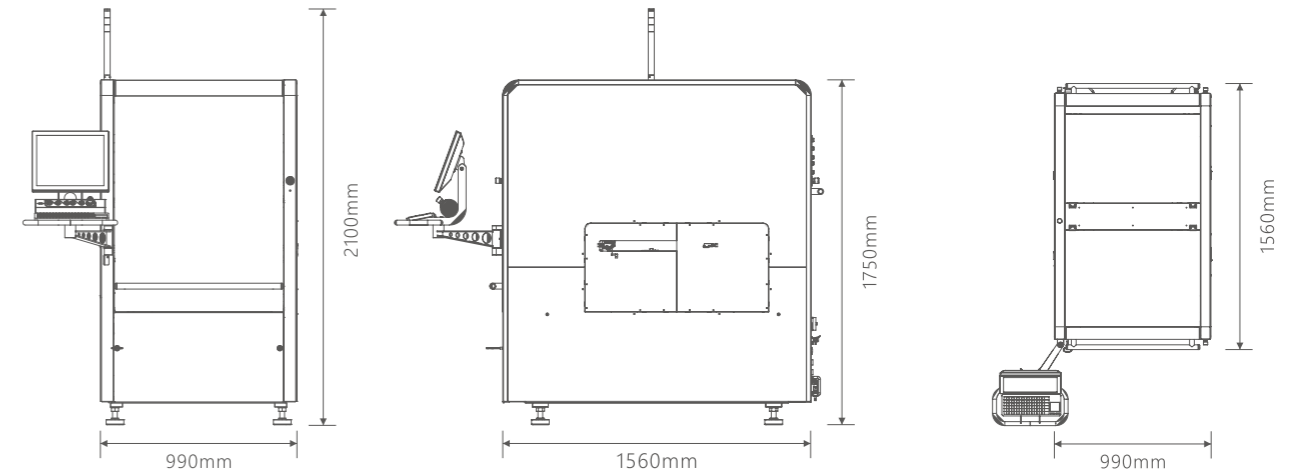


Cencorp 1000 IR's control system and the latest human-machine interface make the operation more perfect, and the optimized structure design also makes the maintenance easier, reducing your maintenance cost and downtime.

In order to ensure efficient and consistent production, the functions of automatic conveyor width adjustment, automatic program switch and servo gripper make it no need of any artificial or special tools during the products change.

Cencorp 1000 IR meets the toughest quality demands in electronics industry by equipped with extensive software options of MES connectivity, traceability and offline CAD import.

### TECHNICAL DATA



<b>Basic Info</b> Weight: 990mm Depth: 1560mm Height: 1750mm Weight: 1700kg	<b>Motion System</b> X-travel: 600mm Y-travel: 940mm Z-travel: 150mm W-travel: 360° Repeatability (X, Y, Z): ± 0.03 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
<b>Basic Function</b> Programmable conveyor width adjustment PCB Stopper Pos: Programmable Programmable Locking Pin Adjustment Automatic Bit Change Broken Bit Detection Routing Bit Storage: 10pcs Servo Gripper Gripping Detection Automtic Finger Exchange Automatic Gripping Width Adjustment Tool Rack for Gripper Finger: 3-4 positions Touch Screen	<b>Processing Capacity</b> Min PCB Size (L*W): 50x50mm Max PCB Size(L*W): 450x350mm PCB Thickness: 1-5mm Top Clearance: 70mm Bottom Clearance: 20mm Max Axis Speed: 2000mm/s Max Acceleration: 15000mm/s² Max Spindle Speed: 50000 RPM Routing Speed: 0-50 mm/s Routing Accuracy: ± 0.1mm Transfer Height: 900 ± 25 mm PCB Conveyor Type: 2 segments Transfer Speed: Max 12m/min	<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): Optional Offline Programming: Optional Automatic Program Exchange: Optional Specified Data Tracement: Optional Local Data Management: Optional
<b>Optional Function</b> Pnuematic Multi-gripper External Vacuum System: Nilfisk / Ruvac/ Villo / Other  Dust Flow Control Routing Bit Height Detection Routing Bit Diameter Detection Ionzer Dual Monitors Multi-phase Bit Usage	<b>Equipment Safety</b> Machinery Safety: E-Stop/Safety Door Interlock Electrical Safety: ESD Protection/Overload Protection  <b>Pneumatic Service Requirement</b> Air Pressure: 5-7 bar Approx. Air consumption: 100 L/min	<b>Electrical Service Requirement</b> Voltage: AC400V/50Hz Max Power: 6KW  <b>Enviromental Requirement</b> Operating Temperature: 10-40°C Operating Humidity: 30%-85%