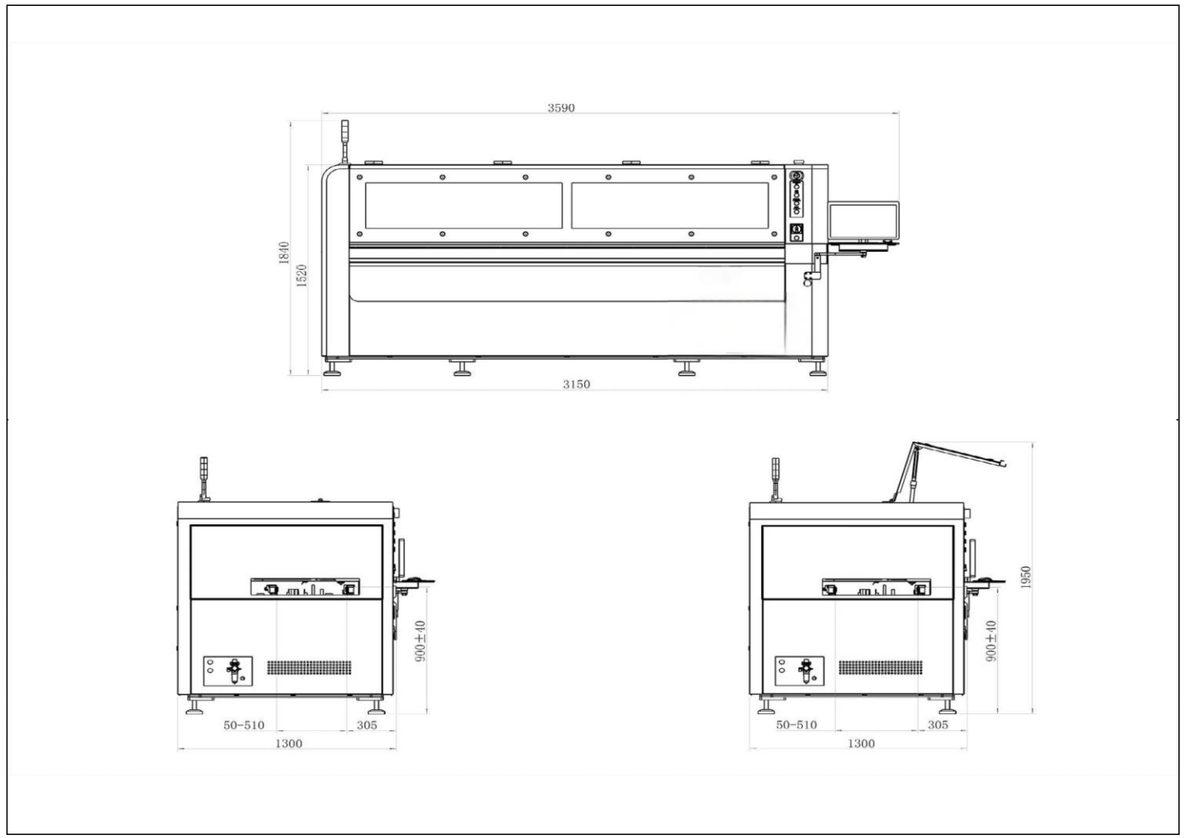
Product Size



Hipri-2000 Fully Automatic Screen Printer

Wide applications

Best Seller Globally

Long board Printing

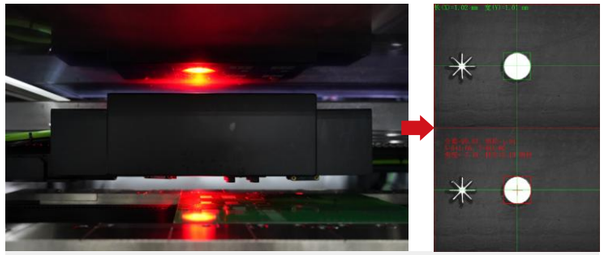
Specifications

Performance	
Machine Alignment Capability	2 ≤ Cpk @ ± 10 microns (at 6Sigma) (CNAS certification)
Process Alignment Capability	2 ≤ Cpk @ ± 25 microns (at 6Sigma) (CNAS certification)
Core Cycle Time	< 17seconds (Exclude Printing & Cleaning)
Product Changeover Time	< 5mins
New Product Set-up Time	<10mins
Board Handling	
Board Size Range (mm)	80mm × 50mm — 2000mm × 510mm
PCB Thickness	0.6 — 6mm(Fixtures below 0.6mm are required)
PCB Max Weight	5kg
Stencil Frame Size(L×W)	1300mm × 300mm — 2300mm × 750mm
Stencil Thickness	20mm — 40mm
PCB Edge Clearance	3mm
PCB Bottom Clearance	15mm（Standard）
Clamping Method	- Programmable motorized rear rail –TopSideVacuumClampingClampingAdaptorFunction
Support Method	– MagneticSide SupportPinBlock –Auto≦1%FlexibleDiagonalPin(Option)
Printing Paramet	
Squeegee Type	Steel/Rubber Squeegee Blade(angle 60° /55° /45°)
Squeegee Pressure	0 -15(kg)[Program control (standard)/digital display closed-loop pressure feedback (optional]
Printer Speed	10 — 200(mm/sec)
Snap-off Speed	0.01 — 125(mm/sec) (Can be programmed to 3 steps control)
Separation option	Separation after squeegee up;Squeegee up after separation
Conveyor Speed	100 — 1500(mm/sec)
Conveyor Direction	L — R;R — L;L — L;R — R
Table Adjustment Range	X：±4mm ; Y：±6mm ; θ：±2°
Clean System	- Drops of rain type cleaning system - Dry/Wet/Vacuum Modes
Optical	
Fiducial Types	Standard Shape Fiducial, Pad/Hole
Vision Methodology	– CCDTelecentricCameraConcentric Vision System - Four Directions Independent Concentric - Annular LED Lighting Source
Field-of-View(FOV)	1.3 megapixel, 6.4 mm × 4.8 mm dual field of view, pixel accuracy 2.9 μm (optional field of view 10 mm × 8 mm)
Facilities Requirement	
Power Supply	AC：220-240V，50/60HZ 1Φ 2.5KW，13A
Air Pressure	4 — 6(Kg/cm²)
Air Consumption	About 0.007m³/min
Operation Temperature	-20℃ — +45℃
Operation Humidity	30 — 60%
Machine Weight	2000Kg
Approximate Dimensions（L×W×H）	3150 × 1300 × 1550(mm)
Operation System	Windows 10
Acoustic Noise Level	Less than 87dB
认证标准	CE

*The information may change in manual. We continue to develop and update our products. Specifications, performance characteristics, and data sheets within this manual are subject to change without notice. Please contact us for the latest information when you are preparing to purchase our products.

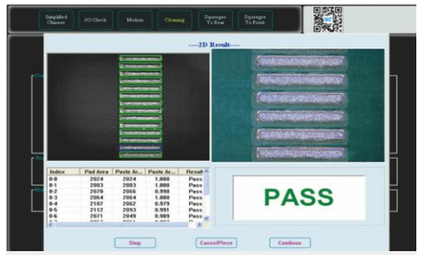
Standard

High Precision Printing Quality



CCD vision system

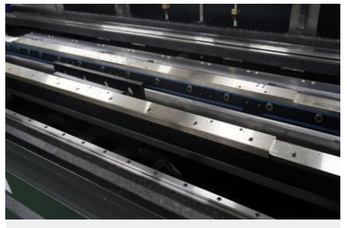
CCD camera simultaneously look up look down, Intelligent adaptive lighting system optical ring uniform and high brightness of the coaxial light .The camera is able to recognize various Mark points.



2D Inspect Solder

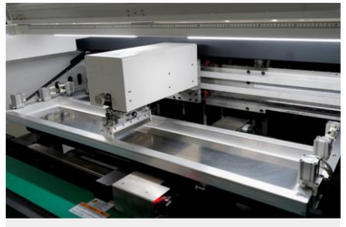
2D inspection and SPC tool are included. Real-time monitoring, data analysis and traceability feature to ensure optimum print quality.

More Reliability & Efficiency



Marble structure

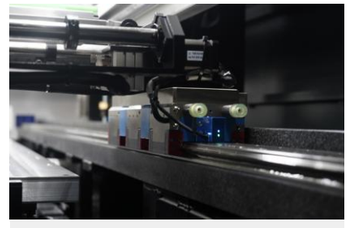
Marble structural is able to ensure accuracy and equipment.long-term stability without deformation of the



High precision longboard printing

Unique long platform and track fixed design

oShort-Close squeegee assistant motor to ensure stable printing support makes stable PCB pressure and save solder paste.



Direct-connected motor

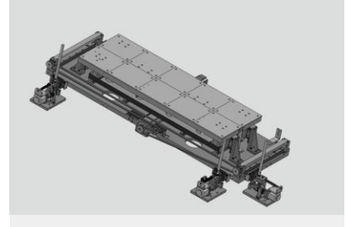
The direct-connected motor can greatly reduce the error caused by the intermediate mechanical transmission system, and make the repeat he positioning applications accuracy of ultra-precision up to 1um cases which can meet

Rain-drops Cleaning System

The cleaning agent spraying device is able to areaaccordautomatically.to PCB size adjusting the filling amount and

Integral Frame

High precision, high rigidity integrated frame body equipmentstructure tostability.ensure long-term printing



Auto table adjustment for PCB thickness

heightThe electriaccordingtableto differentisableto PCBadjustthicknesthe support