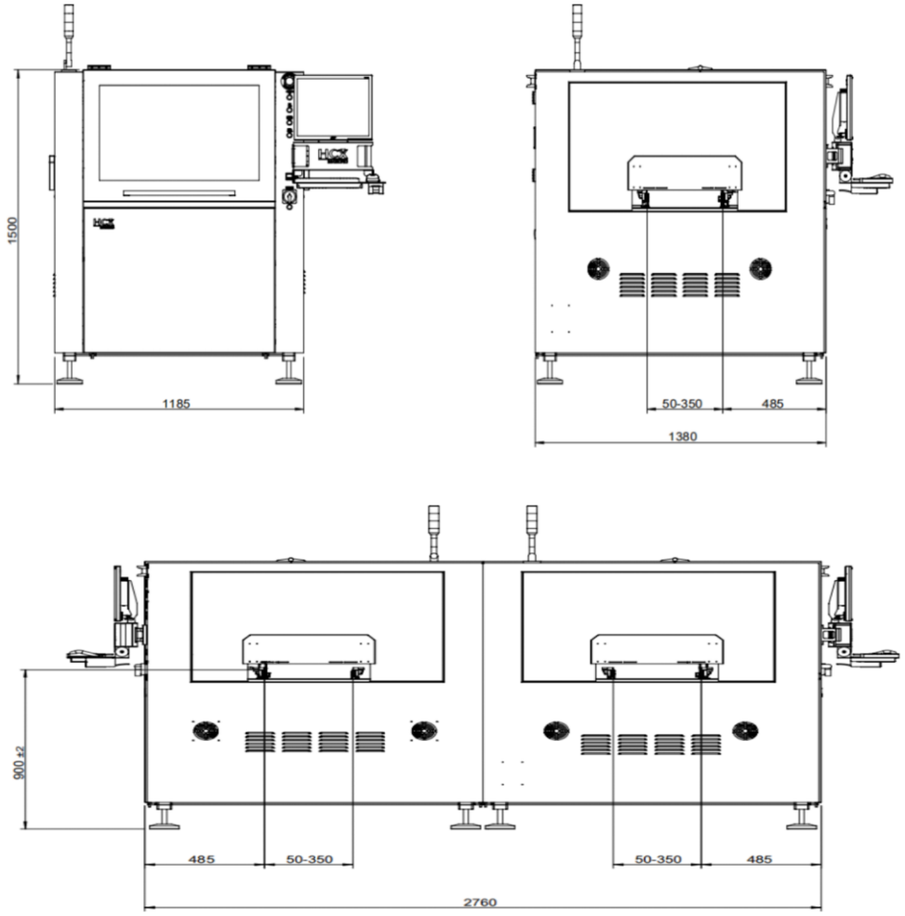


Fully Automatic Screen Printer
Hipri-350plus

Function Overview

The Hipri-350plus is a high speed & high precision solder paste press with an accuracy repetition of ±10μm and a printing accuracy of ±18μm, with a total printing cycle of 8 seconds (excluding printing solder paste and cleaning).

Seven Advantages

1.Stencil printing can handle PCB from 50mm x 50mm to 400mm x 350mm.
2.It only takes 2 minutes from stencil installation to start production.
3.Fully automatic control can enhance production efficiency, ensure quality and reduce costs.
4.Automatic stencil positioning; Automatic PCB alignment
5.Software pressure closed-loop feedback system
6.Up-and-down visual positioning system; Intelligent Image Processing System
7.Support 2D, SPI online, and SPC functions

Cleaning Device

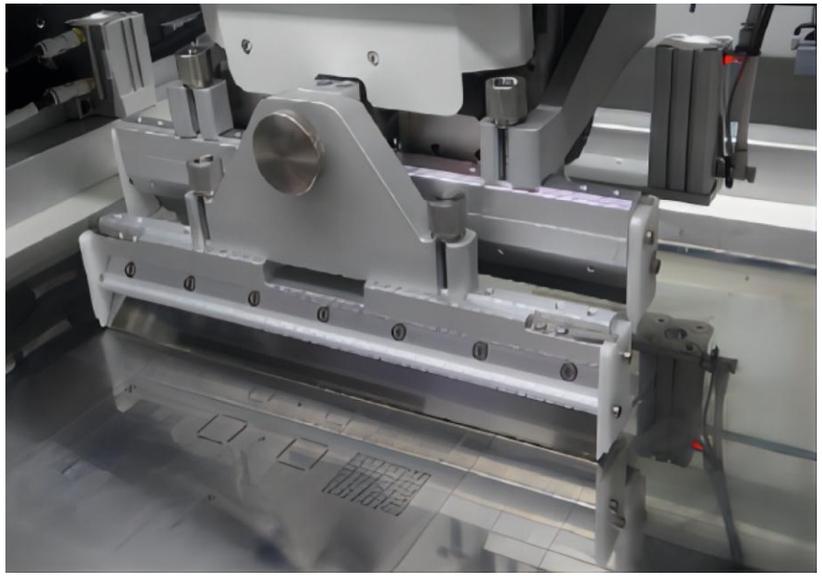
Stencil Printing is equipped with a unique front cleaning device, which is more convenient, more intuitive and more space saving.

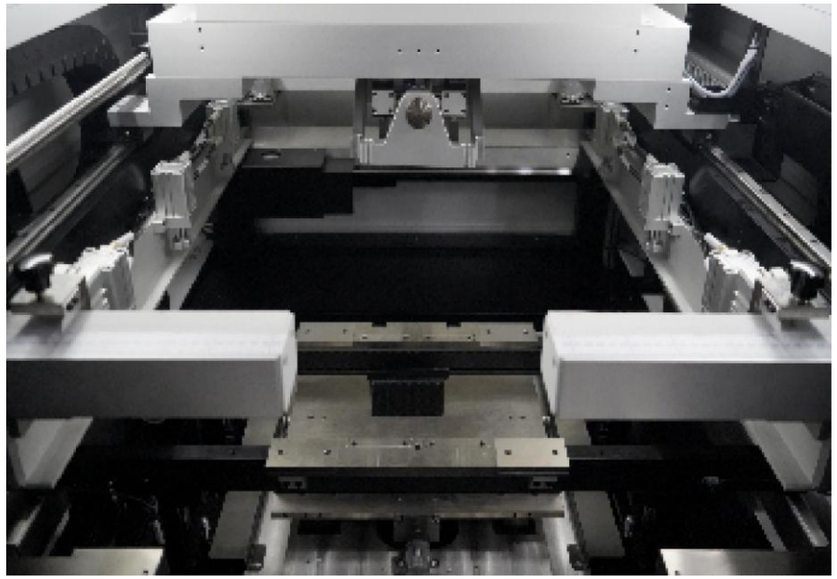
Automatic stencil cleaning (Dry cleaning, Wet cleaning, Vacuum cleaning)

Squeegee and Stencil

The programmable electronic control is adopted to adjust the pressure of the squeegee. The pressure of the front and rear squeegee can be independently adjusted.

This ensures that the imbalance of pressure between the front and rear squeegee occurs due to different pressures. Programmable squeegee and separation speed and stroke of the stencil.





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Hipri-350plus Technical parameters

Project	parameters
Machine Dimensions (LWH)	1150mm x 1400mm x 1510mm
Weight	1100Kg
Power Supply	AC:220-240V,50/60HZ 1Φ 2.5KW
PCB Size (Min~Max)	50mm x 50mm - 400mm x 350mm
PCB Size(Thickness)	0.4 - 6mm
Screen Stencil Size (Min~Max)	370mm X 370mm - 737mm X 737mm
Screen Stencil Size(Thickness)	20mm - 40mm
Repeat Position Accuracy	±10μm(CPK≥2.0)
Printing Accuracy	±18μm(CPK≥2.0)
Squeegee Speed	10mm - 200mm/s
Squeegee Pressure	0 - 15kg Manual setup
Cleaning Method	Dry Cleaning / Wet Cleaning / Vacuum Cleaning
Cycle Time	<8s (Exclude Printing & Cleaning)
Transport High	900±20(mm)
)Transport Speed	100-1500mm/s Programmable Control

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