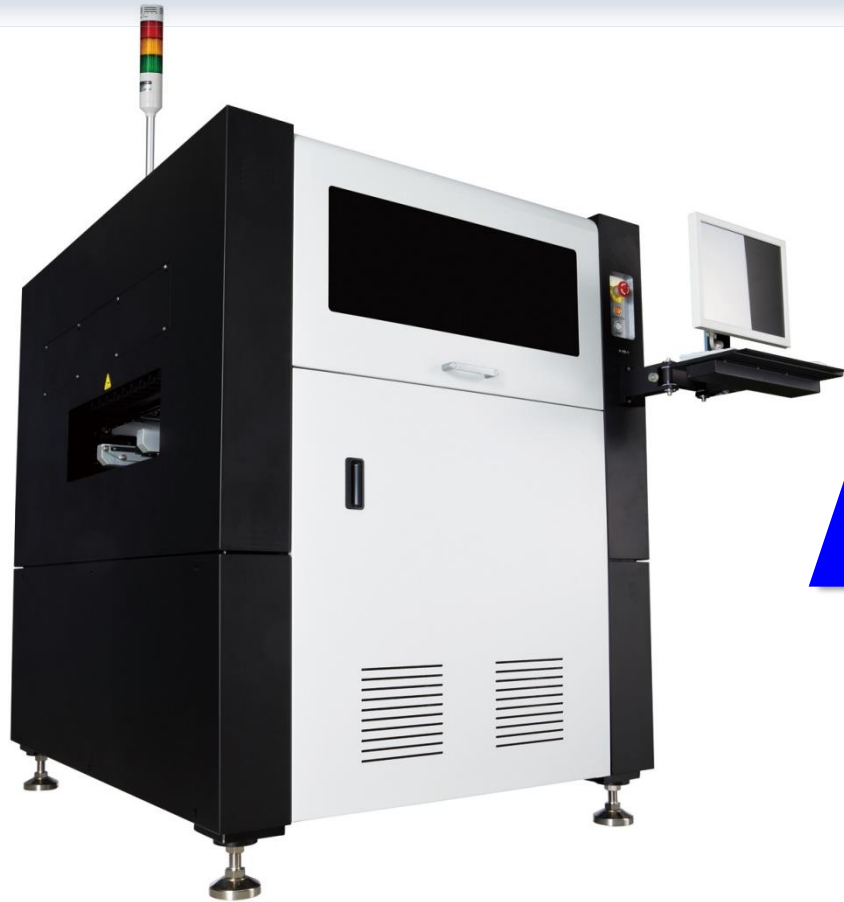


Simple! Easy!



Screen Printer

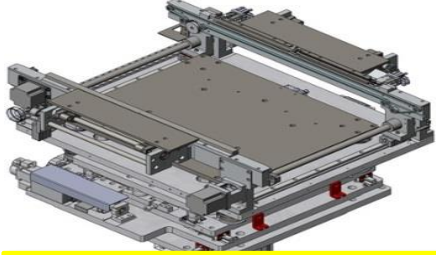
NPS510E

▣. Specification

Item		Specifications
Performance	Alignment Accuracy	± 15 μm
	Cycle time (Exclude Printing)	8 sec
	Job Change time	5 min
Handling	Stencil size	736mm x 736mm / 650mm x 550mm
	PCB size (X × Y)	50mm x 50mm ~ 510mm x 450mm
	PCB warpage	± 1.5 mm
	Board Clamp	Top Clamp / Edge Clamp
	Board Support	Magnetic support pin / support block (Option. Vacuum block or Pin)
Printing	Print Pressure (Option)	4 ~ 30 kgf
	Print Speed	2 ~ 400 mm/sec
Facilities	Power Requirements	1-Phase, 110 ~ 240VAC , 3 kVA
	Pneumatic	4~5 bar @ 600~700 NL/min

▣. Main Concept

Stage



Highly rigid Stage

Camera



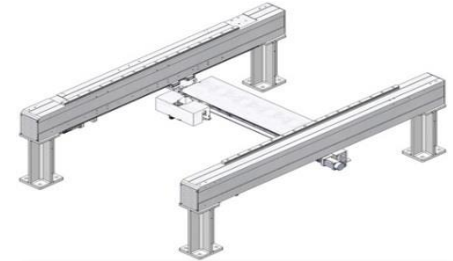
Adopting 2 cameras

Cleaner



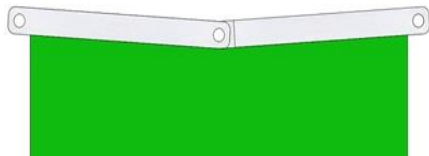
Mask cleaning

Vision Frame



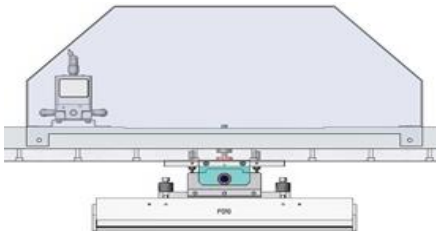
Vision 'Y'axis

PCB Tilting



Ideal PCB clamping

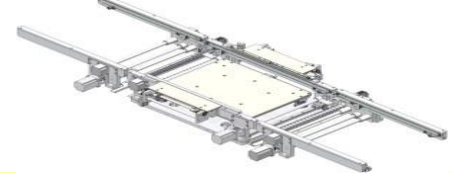
Squeegee



Uniform pressure control



conveyor



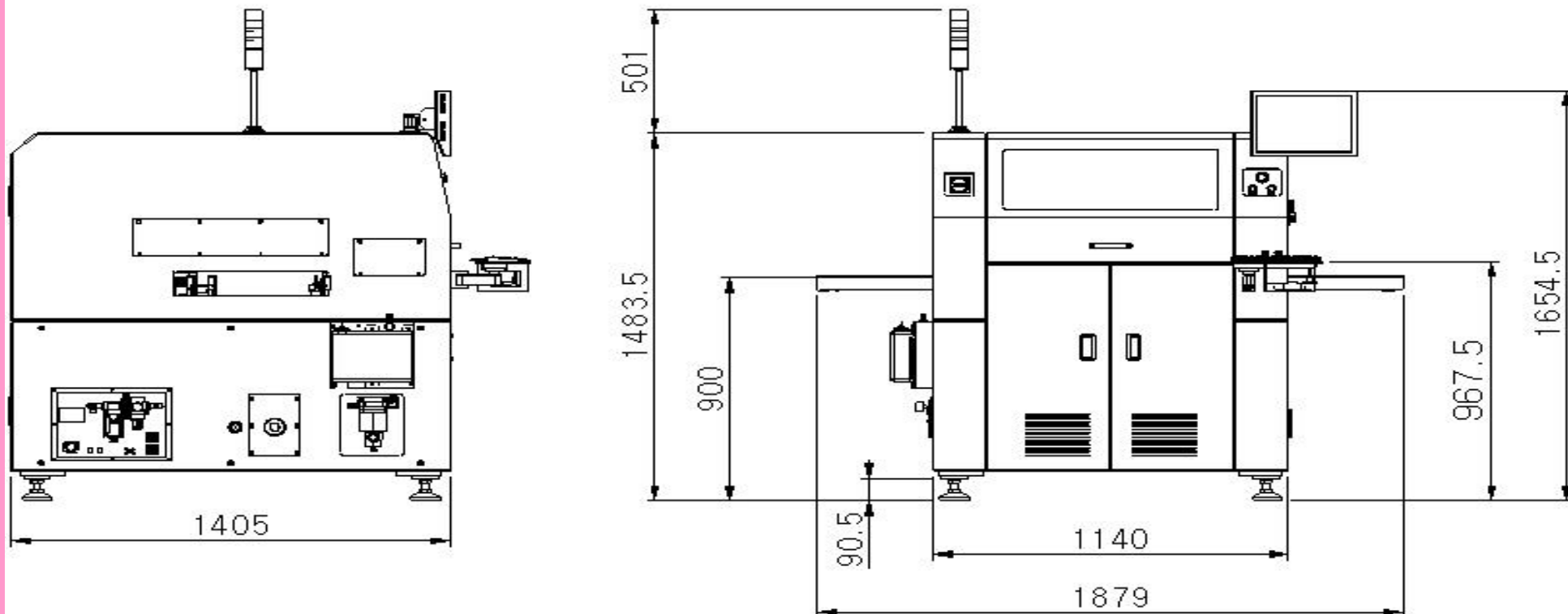
3 step & adjustable speed

Software



Interface for user

Dimension



Item	Value
Conveyor - Conveyor	1,880 mm
Front - Rear	1,405 mm
Height	1,485 mm