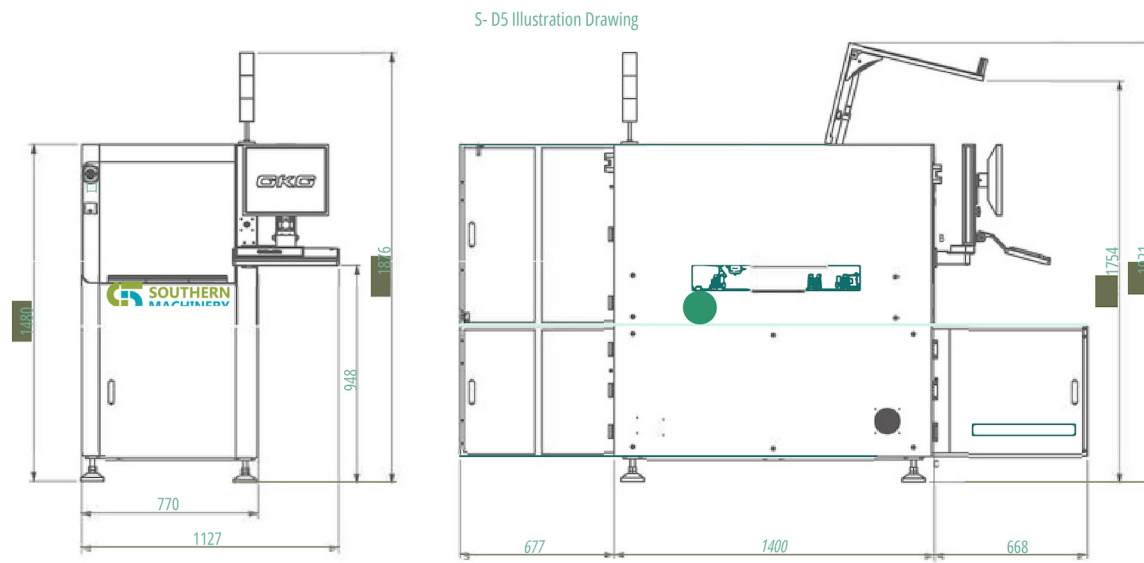


SPECIFICATIONS	Model	S-D3	S-D5
	Machine Dimension	1770 x W1400 x H1400 mm	
Single Lane Dispensing Range	Single valve dispensing / Dual valve simultaneous dispensing	L250 x W520 mm / L250 x W520 mm	L250 x W520 mm / L250 x W520 mm
	Rotate and tilt dispensing / Dual valve alternative dispensing	L250 x W520 mm / L250 x W520 mm	L250 x W520 mm / L250 x W520 mm
Dual Lane Dispensing Range	Single valve dispensing / Dual valve simultaneous dispensing	L250 x W520 mm / L250 x W520 mm	L250 x W520 mm / L250 x W520 mm
	Rotate and tilt dispensing / Dual valve alternative dispensing	L250 x W520 mm / L250 x W520 mm	L250 x W520 mm / L250 x W520 mm
PCB Size	Single Lane / Dual Lane Min L50 x W50 mm, Max L350 x W520 mm	Single Lane / Dual Lane Min L50 x W50 mm, Max L510 x W650 mm	Single Lane / Dual Lane Min L50 x W50 mm, Max L510 x W650 mm
Machine Weight	Approx. 115kg		
Positioning Accuracy	± 30 µm @ 4 sigma (CPK = 1.33)		
Repeat Position Accuracy	± 10 µm @ 4 sigma (CPK = 1.33)		
Motion Driver	Servo motor / Ball screw		
PCB Thickness	0.4 ~ 4 mm		
Product Weight	≤ 1 kg		
Board Loading Limit	Top: 10 mm, Bottom: 20 mm		
Conveyor Edge Distance	Adjustable (1 ~ 5 mm)		
Transportation Height	800 ± 20 mm		
Conveyor Direction	Left to right / Right to left		
Conveyor Stage	Both Transport		
I/O Interface	DIN4034		
Cleaning System	Vacuum Cleaning Pipe		
Maximum Speed	1000 mm/s		
FOV	10 x 10 mm		
Air Supply	4 ~ 8 kg/cm ²		
Power Supply	AC 220V/100V, 50/60Hz, 2.5kW		

STANDARD FEATURES
Industrial PC control with Windows 10 OS
Single-stage conveyor with one or two PCB stop position
Material volume monitoring & low volume alarm
Laser height sensor
XYZ origin calibration function
Valve temperature regulators
Air stabilizer
Auto nozzle vacuum cleaning function
Small ultrasonic cleaning tank (External)
Programming by online teaching / CAD file importation (Valve not included)

OPTIONAL FEATURES
Dual lane conveyor
Dual-valve structure for simultaneous dispensing
Dual-valve structure for alternative dispensing
Valve rotate and tilt function
Precision material weight calibration system
Auto nozzle wiping device
Camera 2D code scanner (Code size: L5 x W5 ~ L18 x W14 mm)
Internal/ External 2D code scanner (Code size: L5 x W5 ~ L25 x W15 mm)
Handheld barcode scanner
MES (i4.0) software
IC body recognition function
Active Correction Technology (ACT)
Bottom heating module



Southern Machinery Sales and Service Co., Limited

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