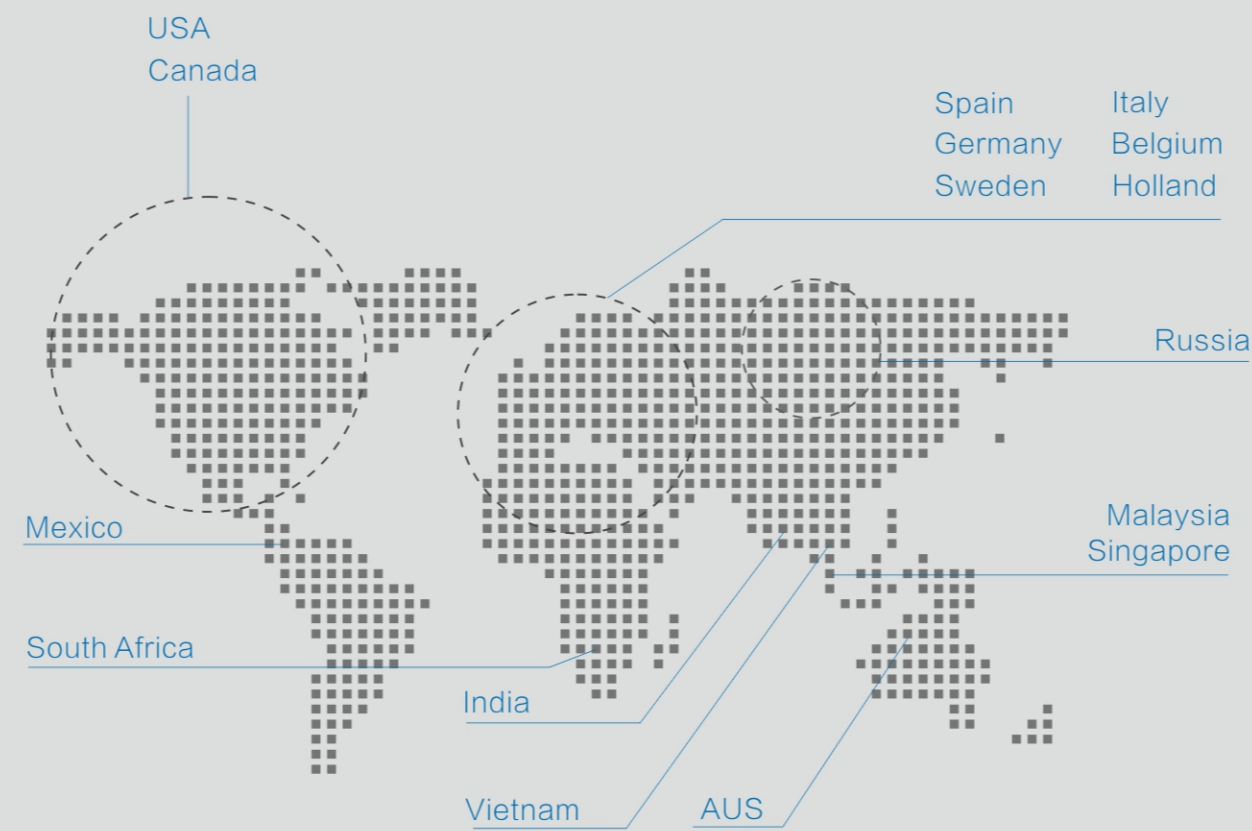
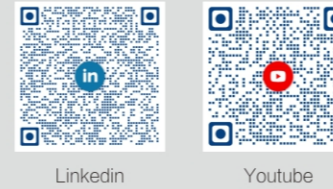
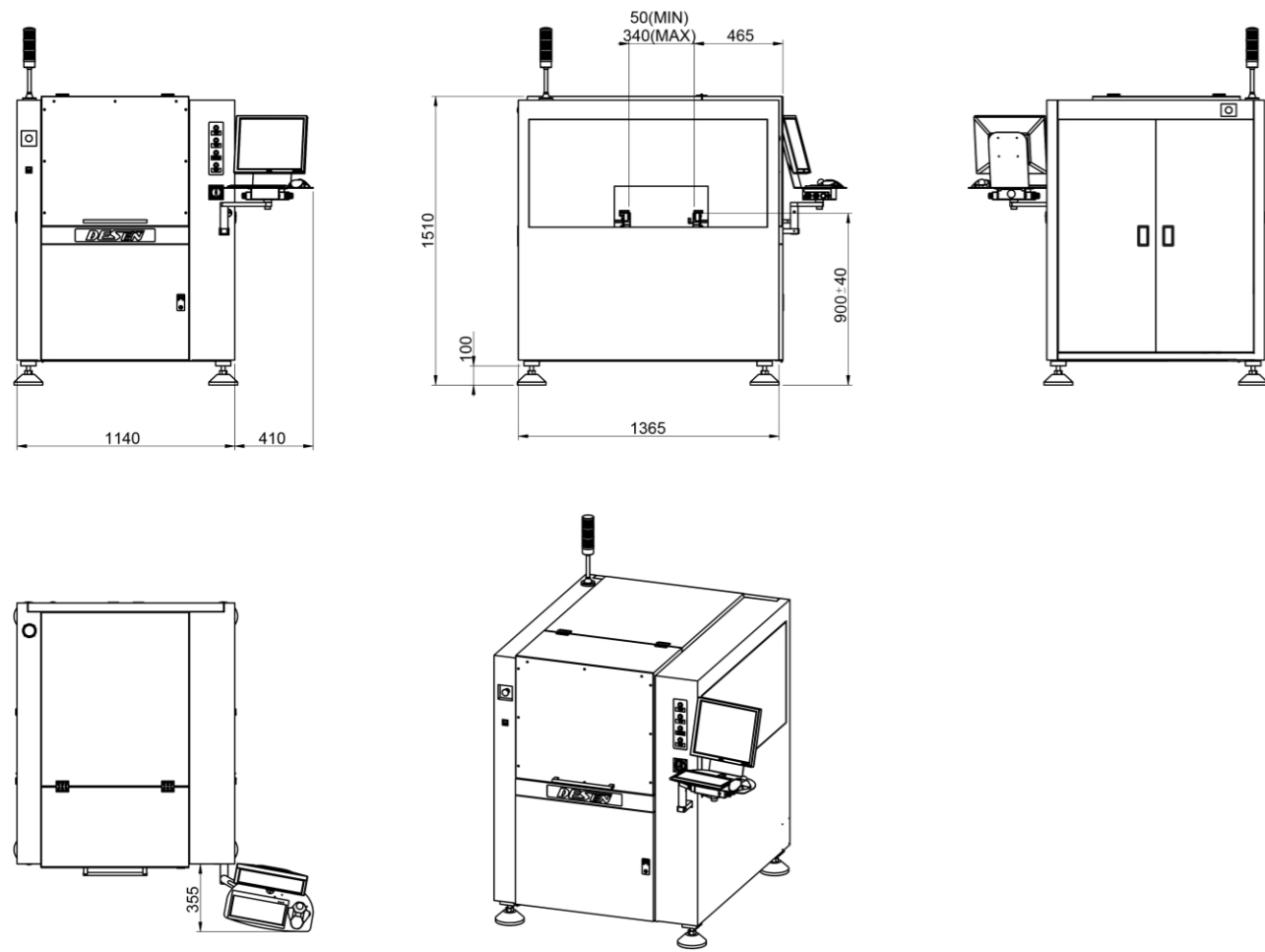


Product Size

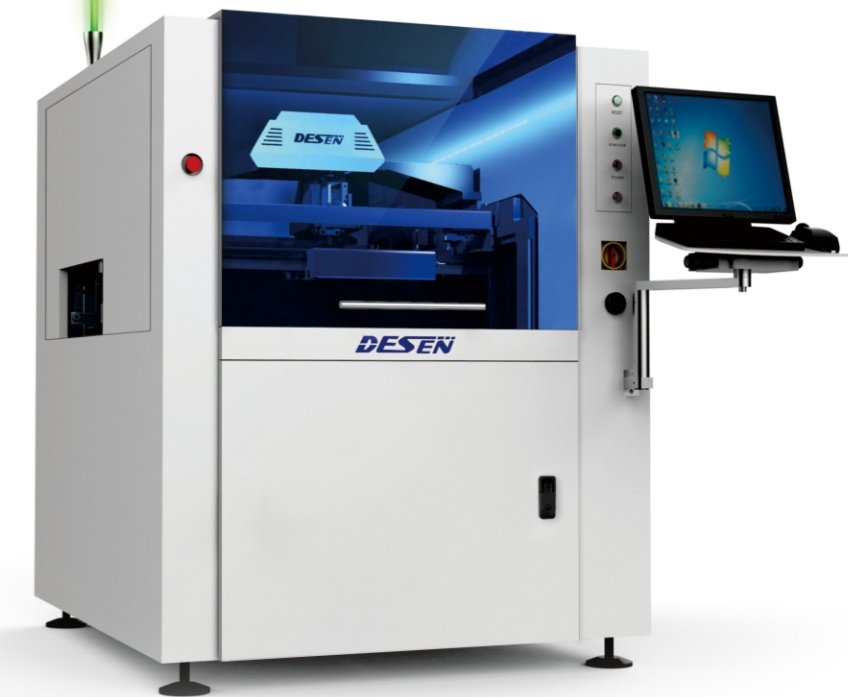


DESEN

FULLY AUTOMATIC STENCIL PRINTER

DG series

DG



Website : www.ds-smt.com

E-mail: marketing@desen-sz.com / service@desen-sz.com

Telephone: +86 18617023102 / +86 400 877 5520

Company: Shenzhen Desen Precision Machine Co., Ltd

Address: Building A4, The 3rd Industrial Zone in Tantou, Songgang Street, Tantou, Baoan District, Shenzhen City, Guangdong Province, China.

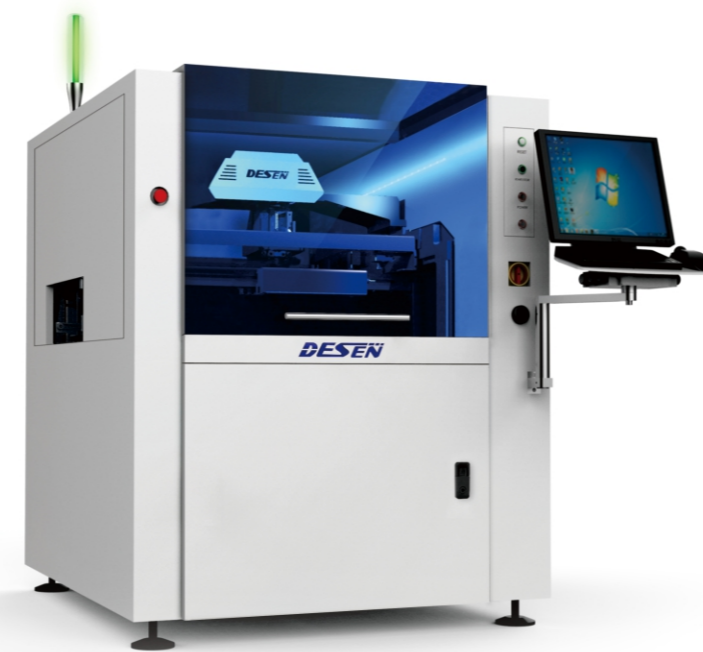
Process Parameters	Specification
Printing Accuracy	± 22 μm@6σ, Cpk≥2.0
Repeat Position Accuracy	± 10 μm@6σ, Cpk≥2.0
Cycle Time	7s
Screen Frame Size	470mm x 370mm~737mm x 737mm
Screen Frame Thickness	20mm -40mm
Substrate Size (minimum)	50mm (X) x 50mm (Y)
Substrate Size (maximum)	400mm (X) x 340mm (Y) (option:460x340mm)
Substrate Thickness	0.4mm - 6mm
Print Pressure	0kg-20kg
Print Speed	1 - 200mm/s
Print Gap	0mm -20mm
Substrate Separation	Speed:0.1 - 20mm/s Distance:0mm - 30mm
Apply Paste Option	Solder paste, printing ink, silver paste

Transportation System	Specification
Substrate Weight (maximum)	≤4kg
Transport Speed	Segmented control, 1500mm/s (Max)
Board Height	≤18mm (Customizable)
Transport Height	900 ± 40mm

Electrical Configuration & Environmental Requirement	Specification
Voltage	220Volts +/- 10%.Single phase 50/60Hz
Power	2.5kw
Air Supply	4.5-6kgf/cm ²
Temperature	-20℃ ~ +45℃
Humidity	30% - 70% relative humidity

Standard Configuration	Specification
Automatic Positioning Module of Stencil	Put the stencil into the support frame,the squeegee automatically realizes the positioning of the stencil.
Substrate Support Positioning System	Support block, support pin, support platform
Convenient Platform Adjustment System	Adjust platform height manually by knob
Intelligent Transportation System	The automatic stopping device + automatic substrate positioning + left in left out, left in right out, right in right out, right in left out.
Handing & Cleaning Options	Wet cleaning + dry cleaning + vacuum (free combination)
Approximate Dimension	1140 (L) X1365 (W) X1510 (H) mm
Approximate Weight	1300kg packaged (depend upon configured options selected with machine)
	1100kg unpackaged (depend upon configured options selected with machine)

Product Advantages



- The Z axis jacking-up platform
- The frame of the whole machine integrally formed
- The motor drives the squeegee connected to the screw to move up and down
- Intelligent automatic stencil cleaning system
- Frame size is adjustable
- Printing cycle time 7s

Range of Application



Product Advanced Options

Solder paste monitoring system



- The sensor under the front squeegee detects the diameter of remaining solder paste and notifies customer to add solder paste.

Solder paste automatic adding(electric/pneumatic)



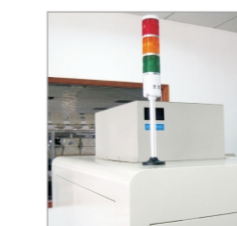
- General solder paste pot add directly.
- Can be added at a fixed times.

UPS power off protection



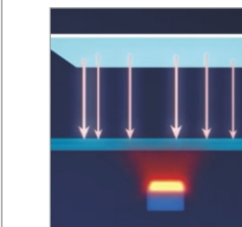
- After power off in a certain time (10 minutes) PC can keep the power supply for the protection of production data.

Intelligent temperature control system



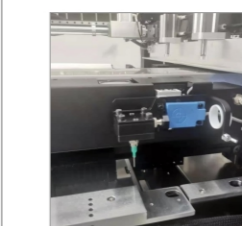
- Temperature can be shown and adjustable on the overhead control system.
- Temperature can be shown and adjustable on the external control system.

Stencil aperture inspection system



- Judgment of aperture plugging and notify whether to clean the stencil. If the stencil inspection fails twice in a row, it will remind the customer whether to change the cleaning mode, cleaning frequency or perform manual cleaning.

Automatic dispensing function



- Dotting or section filling.

Industry 4.0 MES Manufacturing Execution System



- Customized communication mode of customer to realize intelligent operation management.
- Productivity analysis and real-time statistical operation information function.
- Intelligent Alarm system and solutions.
- Bar code recognition.