

Stencil Making Equipment

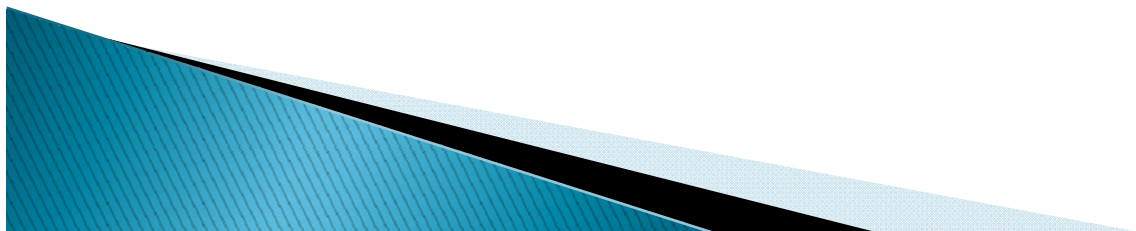
trustwell
neotechnology

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Depends on...

- ▶ 1. Frame Size & Spec.
- ▶ 2. Screen Material
- ▶ 3. Screen Mesh & Spec.
- ▶ 4. Emulsions

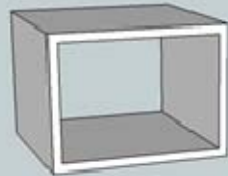


Stencil Frame

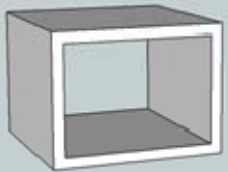
- ▶ Material : Aluminum 6005
- ▶ Size : Customized



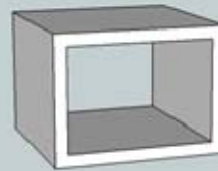
Aluminum Frame Spec.



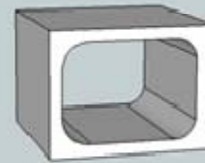
型號 A1
W40xH30xT2mm



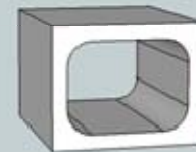
型號 B1B
W40xH30xT2.7mm



型號 B1
W40xH30xT3mm













型號 AB2
W40xH30xT3mm



型號 AB3
W40xH30xT3mm

Squeegee

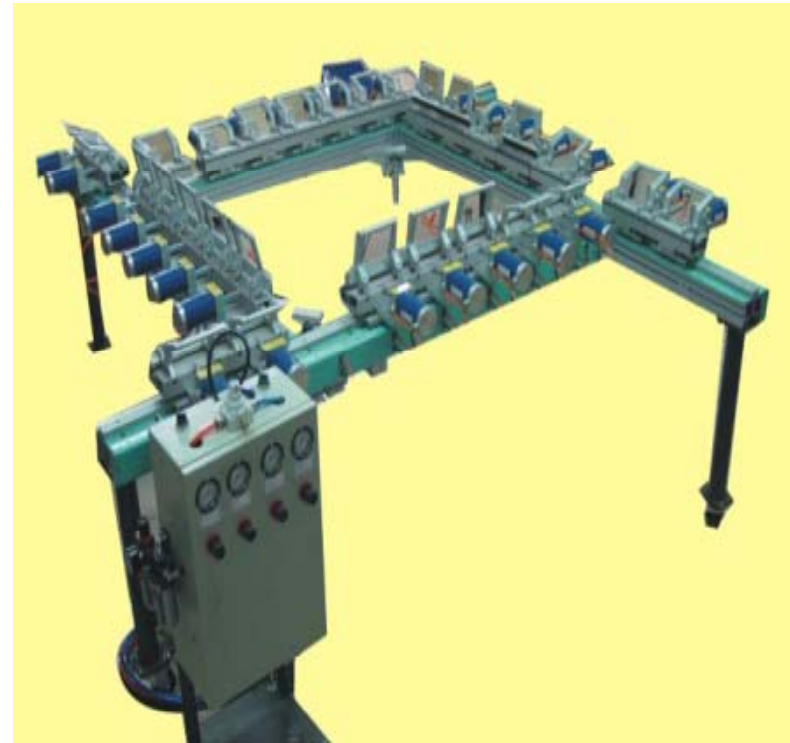
- ▶ Hardness : 60° - 85°
- ▶ SR Series :
9 x 50 x 3100(L)mm
- ▶ XP Series :
9 x 52 x 1600(L)mm

Item name	Photo	Thickness mm	Width mm	Length mm	Hardness ° A	Angle	Description	Applications
Flat squeegee		1~20	10~100	< 3100	55~90	90°	Excellent anti-abrasion, anti-solvent, long life, applicable to various inks.	Applicable to PCB, weaving printing.
Single slanting squeegee		4~10	20~60	1500	55~90	45° 60°	For irregular ink volume on surface, fine in control.	Applicable to ceramic, glass, nameplate in printing.
Sharp squeegee		4~10	20~60	1500	55~90	45° 60°	For round, barrel or fine text symbols with excellent effect, precision control of ink volume.	Applicable to PET etc. round barrel bottle.
Slanting flat squeegee		4~10	20~60	1500	55~90	45° 60°	Ideal for controlling printing angle of coarse or fine ink in controlling its printing angle.	Applicable to PCB stuck hole, rubber/ plastic keypad in printing.
		4~10	20~60	1500	55~90	30° 45°	For particularly thick ink on surface, broadly applied on dispersing coarse or fine ink in printing control.	
Arch squeegee		9	30~60	1500	55~90	R9	Ideal for controlling printing angle; particularly for those printing ink extremely thick in control on most printing objects.	Applicable to: screen printing, pattern packaging advertisement etc. symbols in printing.
FRP squeegee		9	30、50	180、360	55~85		Rubber scratch coated FRP board, applicable to roller silk printing and high speed printing, tooling may be required.	Applicable to resistance in printing.
3-layer squeegee		9	30~60	3100	65/90/65 70/90/70	90°	Scratch will not roll-up, reduce screen board pressure, and assist to keep ink scratch in optimal angle.	Applicable to PCB printing.
2-layer squeegee		9	50、52	1600	60/90 65/90 70/90 75/90	90°		
Square squeegee (solar cell squeegee)		9、9.5、10	9、9.5、10	180、182、600	55~85	90°	Excellent anti-abrasion, anti-solvent. With sufficient elastic, fine following to rough and uneven surface, with clear printing quality.	Applicable to solar cell board printing.
Square squeegee		9、9.2、9.5	37	70、90		90°	For printing resistance	Applicable to chip resistance printing.

Remarks: various dimensions and cross-section can be custom-made upon request.

Pneumatic Screen Stretcher

- ▶ The mesh is automatically stretched by means of the pneumatic stretching clamps.
- ▶ Stretch Size(Max.):
145x145cm
- ▶ Stretch Size(Min.):
70x70cm



Emulsion Coater

- ▶ Screen Frame Size (Max.):
1200mm X 1300mm
- ▶ Frame Thickness:
20mm-40mm
- ▶ Programmable logic control interface.
- ▶ High precision pneumatic regulator (By min. 0.01 kg/cm² setting. adjustment) for coating pressure control.



Exposure Machine(Up-light)

- ▶ Screen Frame Size(Max.):
120 X 120 CM
- ▶ 3KW instantly-starting UV lamp(Made in Japan)
- ▶ Programmable Logic Controller (PLC) with LCD monitor, the Light accumulator controls the exposure accurately with deviation $\pm 2\%$, disregards the variation of UV light intensity from lamp fading, power changing, and starting temperature.



Exposure Machine(Down-light)

- ▶ Screen Frame Size(Max.):
120 X 120 CM
- ▶ 3KW instantly-starting UV lamp(Made in Japan).
- ▶ Programmable Logic Controller (PLC) with LCD monitor, the Light accumulator controls the exposure accurately with deviation $\pm 2\%$, disregards the variation of UV light intensity from lamp fading, power changing, and starting temperature.



Stencil Developing Machine

- ▶ Screen Frame Size(Max.):
120 X 120 CM
- ▶ Pressure & Speed adjustable.
- ▶ Back light design.
- ▶ Washing Pressure:
2~6 kg/cm²
- ▶ Moving Speed:
0.25~1.25m/min



Horizontal Drying Cabinet

- ▶ Horizontal type: 5 pcs
- ▶ Dimensions:
W140 X D155 X H110 CM
- ▶ Screen Frame Size(Max.):
120 X 120 CM
- ▶ Fuzzy PID Thermo controller:
 $\pm 0.5^{\circ}\text{C}$ (Range: room
temperature $\sim 60^{\circ}\text{C}$



Vertical Drying Cabinet

- ▶ Vertical type: 10 pcs
- ▶ Dimensions:
W140 X D148 X H195 CM
- ▶ Screen Frame Size(Max.):
120 X 120 CM
- ▶ Fuzzy PID Thermo controller:
 $\pm 0.5^{\circ}\text{C}$ (Range: room
temperature $\sim 60^{\circ}\text{C}$)



High Accuracy Digimatic Indicator

- ▶ Applications :
Precise measurement for
Display Panel Silk Screen /
Solar Cell Silk Screen / PCB /
FPC / Steel sheet and all
kinds of PET material.
- ▶ Indicating range:
Thickness 0-50mm
- ▶ Indication unit:
Min 0.001mm(1um)
- ▶ Indicating accuracy:
 $\pm 0.001\text{mm}(1\mu\text{m})$



Stencil Ink Washing Machine

- ▶ Frame Size(Max.):
1100x1100mm
- ▶ High Pressure Washing
Nozzle x 30 sets.
- ▶ Ventilation system to
reduce the solvent
smell.
- ▶ Screen Frame Swing
System for the best
development
performance.



THANK YOU!

