

Screen Printer



RH SOLUTIONS LLC

Bringing Print to Life

~**Exquisite** Compact
Fast Production~



Dexterous / Elegant / Stable

MINI **ELECTRIC** SCREEN PRINTER SERIES

MINI P SERIES

AT-25PA & AT-45PA

AT-45PAB

AT-25PAD & AT-45PAD



SILVER NATIONAL
AWARD OF EXCELLENCE
WINNER



NATIONAL
INNOVATION
RESEARCH AWARD



SYMBOL OF EXCELLENCE
WINNER



NATIONAL AWARD OF SME
(Small and Medium Enterprises)



CE CERTIFIED



ISO 9001 ISO14001
CERTIFIED



NATIONAL
LITTLE GIANT AWARD
WINNER

ATMA

APPLICATION

Suitable for precision flat screen-printing on substrate in sheet/film/board form.
Ex.: IMD Films, Cell-phone Lens, Back-light Dash- boards, Membrane Switches, Bio-chips, Components, etc..

Innovative Design

Innovative electro-mechanical screen-lift, runs fast, stable & quiet.

Solid Accuracy

Profile structure plus top-class transmission & guidance systems.

Fast Setup

Handy setup & adjustment mechanisms.

Easy Operation

Digital Touch-panel control featuring various functions & numerical controls.

Safety

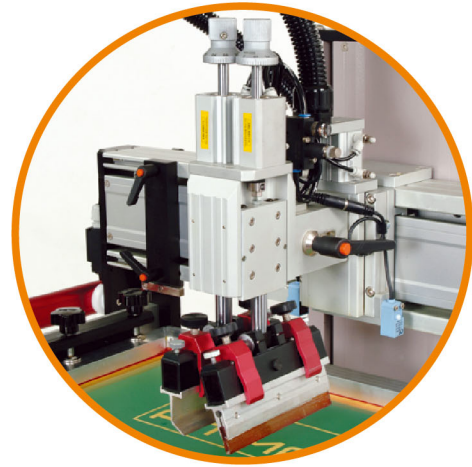
Full protections meeting European safety requirements.

Options

Custom-made substrate tooling & Slot-table.

AT-25PA (200x250 mm)

AT-45PA (300x450 mm)



Print Head



	AT-25PA		AT-45PA	
Table size(DxW, mm in.)	250x400	9 ³ / ₄ x15 ³ / ₄	400x600	15 ³ / ₄ x23 ⁵ / ₈
Vacuum area(DxW, mm in.)	210x300	8 ¹ / ₄ x11 ³ / ₄	345x495	13 ¹ / ₂ x19 ¹ / ₂
Max. print area(DxW, mm in.)	200x250	7 ⁷ / ₈ x9 ³ / ₄	300x450	11 ³ / ₄ x17 ⁵ / ₈
Max. O/D frame size(DxW, mm in.)	380x520	14 ⁷ / ₈ x20 ¹ / ₂	500x720	19 ⁵ / ₈ x28 ³ / ₈
Frame height(mm in.)	20- 30	3/4-1 ¹ / ₈	20- 30	3/4-1 ¹ / ₈
Substrate thickness(mm in.)	0- 50	0 - 2	0- 50	0 - 2
Table height(mm in.)	945 + 30	37 ¹ / ₈ x1 ¹ / ₈	945 + 30	37 ¹ / ₈ x1 ¹ / ₈
Screen-lift height(mm in.)	300	11 ³ / ₄	300	11 ³ / ₄
Print head speed(mm in./sec.)	220-1100	8-43	220-1100	8-43
Max. capacity(P/H, full stroke)	780		720	
Electric power	1 ϕ , 220V, 50/60Hz			
Power consumption(kW)	0.83		0.83	
Input air pressure(kg/cm ² PSI)	5-7	71-85	5-7	71-85
Air consumption(l GI/cycle)	0.54	0.14	0.54	0.14
Dimension(WxDxH, cm in.)	72x68x171	28x27x67	92x75x171	36x30x67
Weight(kg lbs)	190	418	245	539

Change may be made without prior notice.

Electric Flat+Curve Screen Printer

AT- 45PAB (300x450 mm 、Φ 144x200 mm)

◆ PA Flat Type

Suitable for precision flat screen-printing on substrate in sheet/film/board form.
Ex.: IMD Films, Cell-phone Lens, Back-light Dash- boards, Membrane Switches, Bio-chips, Components, etc..

Innovative Design

Innovative electro-mechanical screen-lift, runs fast, stable & quiet.

Solid Accuracy

Profile structure plus top-class transmission & guidance systems.

Fast Setup

Handy setup & adjustment mechanisms.

Easy Operation

Digital Touch-panel control featuring various functions & numerical controls.

Safety

Full protections meeting European safety requirements.

Options

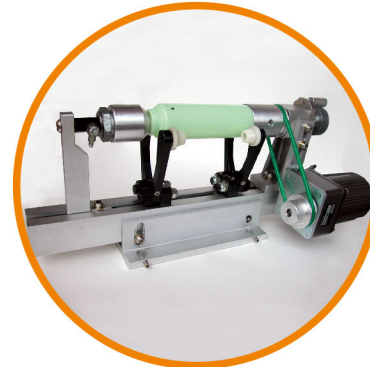
Custom-made substrate tooling ,Slot-table(PA type)& synchro-gear(PB type).

◆ PB Curve Type

Suitable for precision curve screen-printing on molded substrate in cylindrical/conical/oval shape.
Ex.: Cosmetic Bottles/Cans, Appliance Casing, Oil Filters, Engine Pistons, etc..



Oval Holding Device(optional)



Auto-register Device(optional)



	AT- 45PAB			
	PA	PB		
Table size(DxW, mm in.)	400x600	15 ³ / ₄ x23 ⁵ / ₈	---	
Vacuum area(DxW, mm in.)	345x495	13 ¹ / ₂ x19 ¹ / ₂	---	
Max. print area(DxW, mm in.)	300x450	11 ³ / ₄ x17 ⁵ / ₈	---	
Max. print diameter(mm in.)	---		Φ 144x200	Φ 5 ⁵ / ₈ x7 ⁷ / ₈
Max. O/D frame size(DxW, mm in.)	500x720	19 ⁵ / ₈ x28 ³ / ₈	280x720	11x28 ³ / ₈
Frame height(mm in.)	20-30	3/4-1 ¹ / ₈	20-30	3/4-1 ¹ / ₈
Substrate thickness(mm in.)	0-50	0-2	---	
Screen-lift height(mm in.)	300	11 ³ / ₄	300	11 ³ / ₄
Print head speed(mm in./sec.)	220-1100	8-43	220-1100	8-43
Max. capacity(P/H, full stroke)	720		1050	
Electric power	1 φ , 220V, 50/60Hz			
Power consumption(kW)	0.83		0.49	
Input air pressure(kg/cm ² PSI)	5-7	71-85	5-7	71-85
Air consumption(l Gl/cycle)	0.54	0.14	0.74	0.2
Dimension(WxDxH, cm in.)	92x75x171	36x30x67	96 x78x171	38x30x67
Weight(kg lbs)	245	539	230	506

Change may be made without prior notice.

APPLICATION

Suitable for precision flat screen-printing on small-sized molded substrate.
Ex.: Components, Bio-chips, etc..

Innovative Design

Innovative electro-mechanical screen-lift, runs fast, stable & quiet.
Index table enables substrate loading/unloading during printing and so upgrades output capacity.

Solid Accuracy

Profile structure plus top-class transmission & guidance systems.

Fast Setup

Handy setup & adjustment mechanisms. each index with individual X/Y registration adjustments.

Easy Operation

Digital Touch-panel control featuring various functions & numerical controls.

Safety

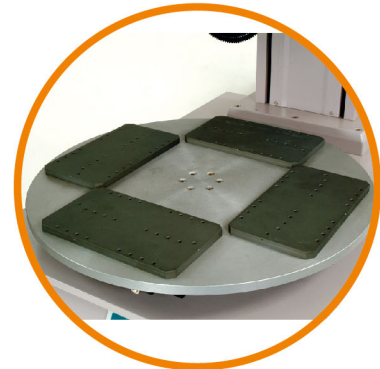
Full protections meeting European safety requirements.

Options

Custom-made substrate tooling..

AT-25PAD (150x250 / 4I mm)

AT-45PAD (200x400/ 2I mm)



Index Table
(4-index for 25PAD, 2-index for 45PAD)

	AT-25PAD (4I)		AT-45PAD (2I)	
Table size(DxW, mm in.)	140x250	51/2x93/4	200x400	77/8x153/4
Max. print area(DxW, mm in.)	150x250	57/8x93/4	200x400	7x15
Max. O/D frame size(DxW, mm in.)	380x520	147/8x201/2	500x720	195/8x283/8
Frame height(mm in.)	20-30	3/4-11/8	20-30	3/4-11/8
Substrate thickness(mm in.)	40-100	11/2- 4	40-100	11/2- 4
Table height(mm in.)	907+30	355/8+11/8	907+30	355/8+11/8
Screen-lift height(mm in.)	300	113/4	300	113/4
Print head speed(mm in./sec.)	220-1100	8-43	220-1100	8-43
Max. capacity(P/H, full stroke)	1200		1000	
Electric power	1 φ , 220V, 50/60Hz			
Power consumption(kW)	0.78		0.78	
Input air pressure(kg/cm ² PSI)	5-7	71-85	5-7	71-85
Air consumption(l GI/cycle)	0.45	0.12	0.45	0.12
Dimension(WxDxH, cm in.)	72x97x171	28x38x67	92x97x171	36x38x67
Weight(kg lbs)	270	594	310	680

CHANGE MAY BE MADE WITHOUT PRIOR NOTICE



RHS 20191111