

MINI AT-P SERIES



ALL NEW

MINI ELECTRIC SCREEN PRINTER SERIES



SLIVER NATIONAL
AWARD OF EXCELLENCE
WINNER 96



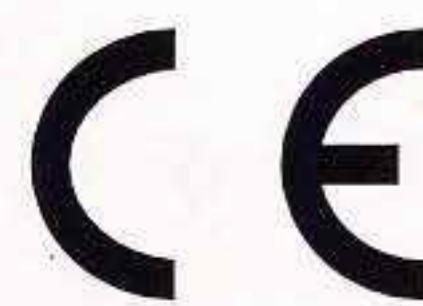
NATIONAL
INNOVATION
RESEARCH AWARD



SYMBOL OF EXCELLENCE
WINNER 93-03



NATIONAL AWARD OF SME 2003
(Small and Medium Enterprises)



CE CERTIFIED 2000



ISO 9001 ISO14001
CERTIFIED 97-03



NATIONAL
LITTLE GIANT AWARD
WINNER 2000

FEATURES

- 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.

CHANGE MAY BE MADE WITHOUT PRIOR NOTICE

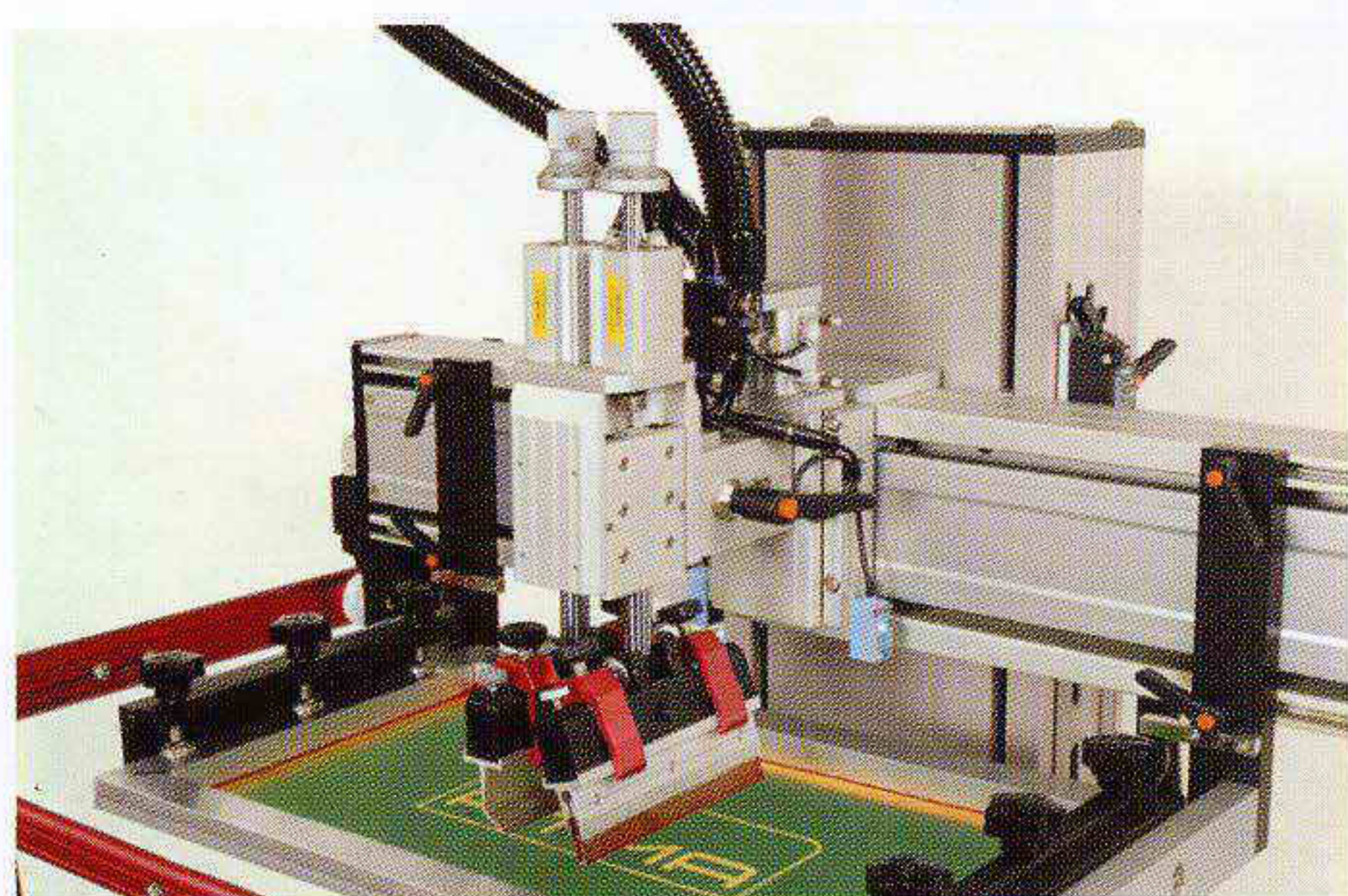


ELECTRIC FLAT SCREEN PRINTER

Model (Max. Print Area, mm in.)

AT-25PA (200x250 7⁷/₈ x 9³/₄)

AT-45PA (300x450 11³/₄ x 17⁵/₈)



Print Head

APPLICATION

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

SPECIFICATION

	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.)	210x270 8 ¹ / ₄ x10 ⁵ / ₈	345x465 13 ¹ / ₂ x18 ¹ / ₄
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.)	380x530 14 ⁷ / ₈ x20 ⁷ / ₈	500x730 19 ⁵ / ₈ x28 ¹ / ₂
Frame height(mm in.)	20- 30 3/4-11/8	20- 30 3/4-11/8
Substrate thickness(mm in.)	0- 50 0- 2	0- 50 0- 2
Table height(mm in.)	945 + 30 37 ¹ / ₈ x11 ¹ / ₈	945 + 30 37 ¹ / ₈ x11 ¹ / ₈
Screen-lift height(mm in.)	300 11 ³ / ₄	300 11 ³ / ₄
Print head speed(mm in./sec.)	100-500 4- 20	100-500 4- 20
Max. capacity(P/H, full stroke)	990	800
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 Gl/cycle)	0.45 0.12	0.45 0.12
Dimension(WxDxH, cm in.)	72 x 68 x 171 28x27x67	92 x 75 x 171 36x30x67
Weight(kg lbs)	180 396	245 539

★ With Flat+Curve models: AT-25PAB, AT-45PAB, smartly designed for fast change-over.

FEATURES

- **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 & synchro-gear.

CHANGE MAY BE MADE WITHOUT PRIOR NOTICE



ELECTRIC CURVE SCREEN PRINTER

Model (Max. Print Area, mm in.)

AT-25PB (Φ 80x200 Φ3¹/₄ x 7⁷/₈)

AT-45PB (Φ 144x200 Φ5⁵/₈ x 11³/₄)

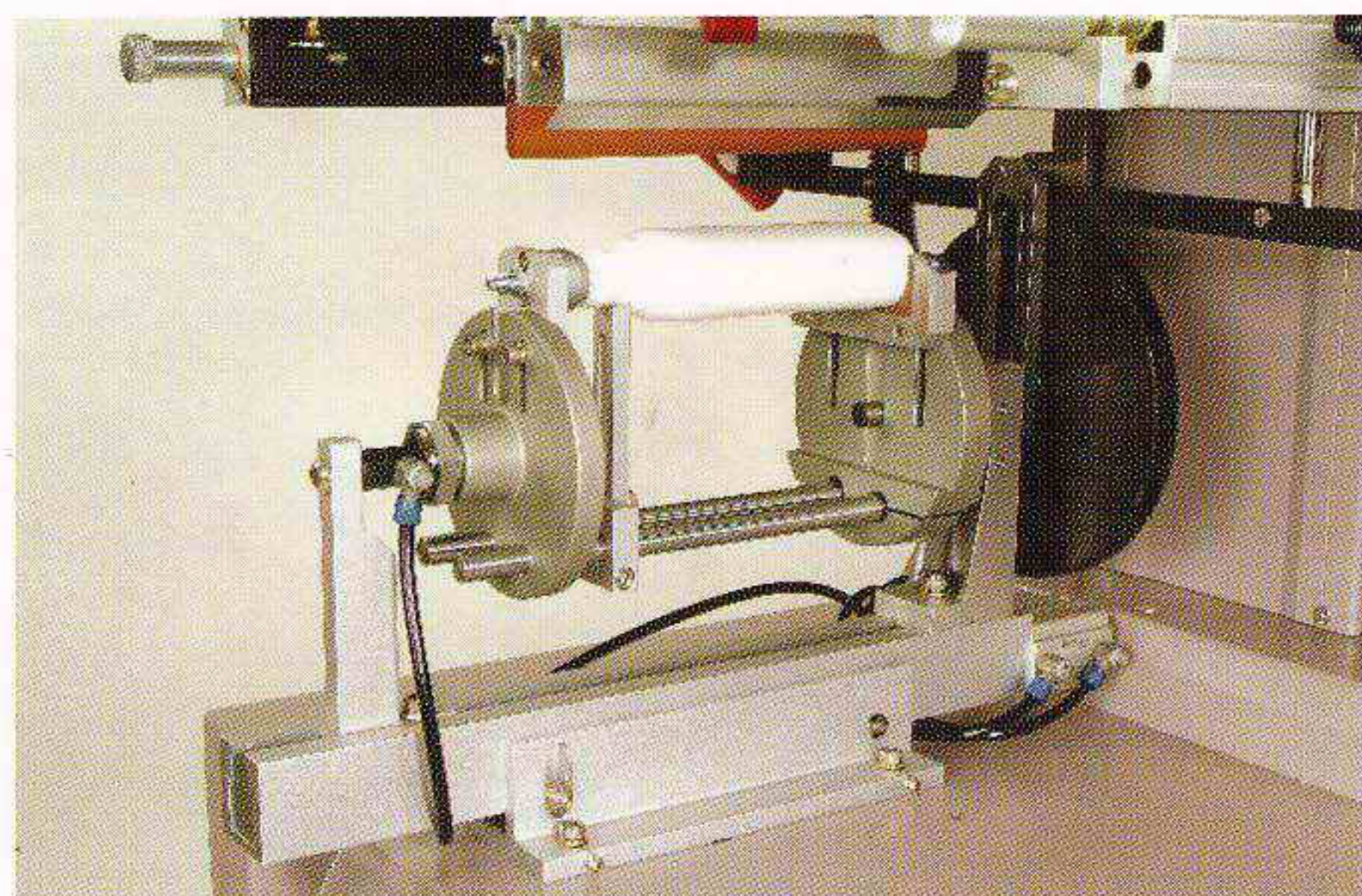
APPLICATION

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..

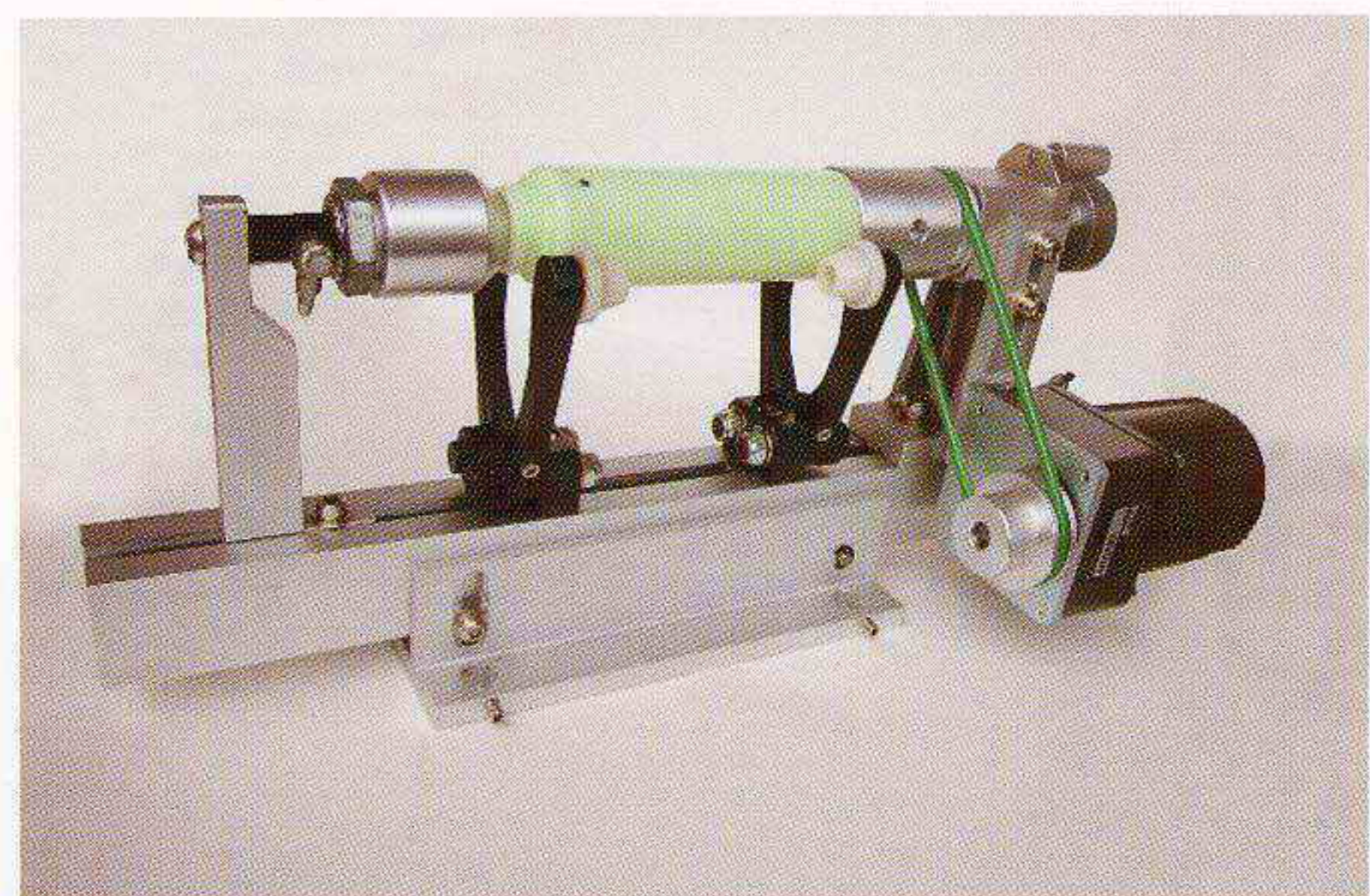
SPECIFICATION

	AT-25PB	AT-45PB
Max. print diameter(mm in.)	80 3 ¹ / ₈	144 5 ⁵ / ₈
Max. print area(DxW, mm in.)	200x250 7 ⁷ / ₈ x9 ³ / ₄	300x450 7 ⁷ / ₈ x17 ⁵ / ₈
Max. O/D frame size(DxW, mm in.)	380x530 11x20 ⁷ / ₈	500x750 11x29 ¹ / ₂
Frame height(mm in.)	20- 30 3 ³ / ₄ - 11 ¹ / ₈	20- 30 3 ³ / ₄ -11 ¹ / ₈
Table height(mm in.)	945 + 30 37 ¹ / ₈ +11 ¹ / ₈	945 + 30 37 ¹ / ₈ +11 ¹ / ₈
Screen-lift height(mm in.)	300 11 ³ / ₄	300 11 ³ / ₄
Print head speed(mm in./sec.)	100-500 4-20	100-500 4-20
Max. capacity(P/H, full stroke)	990	800
Electric power	1 φ, 220V, 50/60Hz	
Power consumption(kw)	0.49	0.49
Input air pressure(kg/cm ² PSI)	5-7 71-85	5-7 71-85
Air consumption(l Gl/cycle)	0.52 0.2	0.52 0.2
Dimension(WxDxH, cm in.)	75 x 74 x 17130x29x67	92 x 75 x 17130x29x67
Weight(kg lbs)	165 374	230 506

★ With Flat+Curve models: AT-25PAB, AT-45PAB, smartly designed for fast change-over.



Oval Holding Device(optional)



Auto-register Device(optional)

FEATURES

● 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..



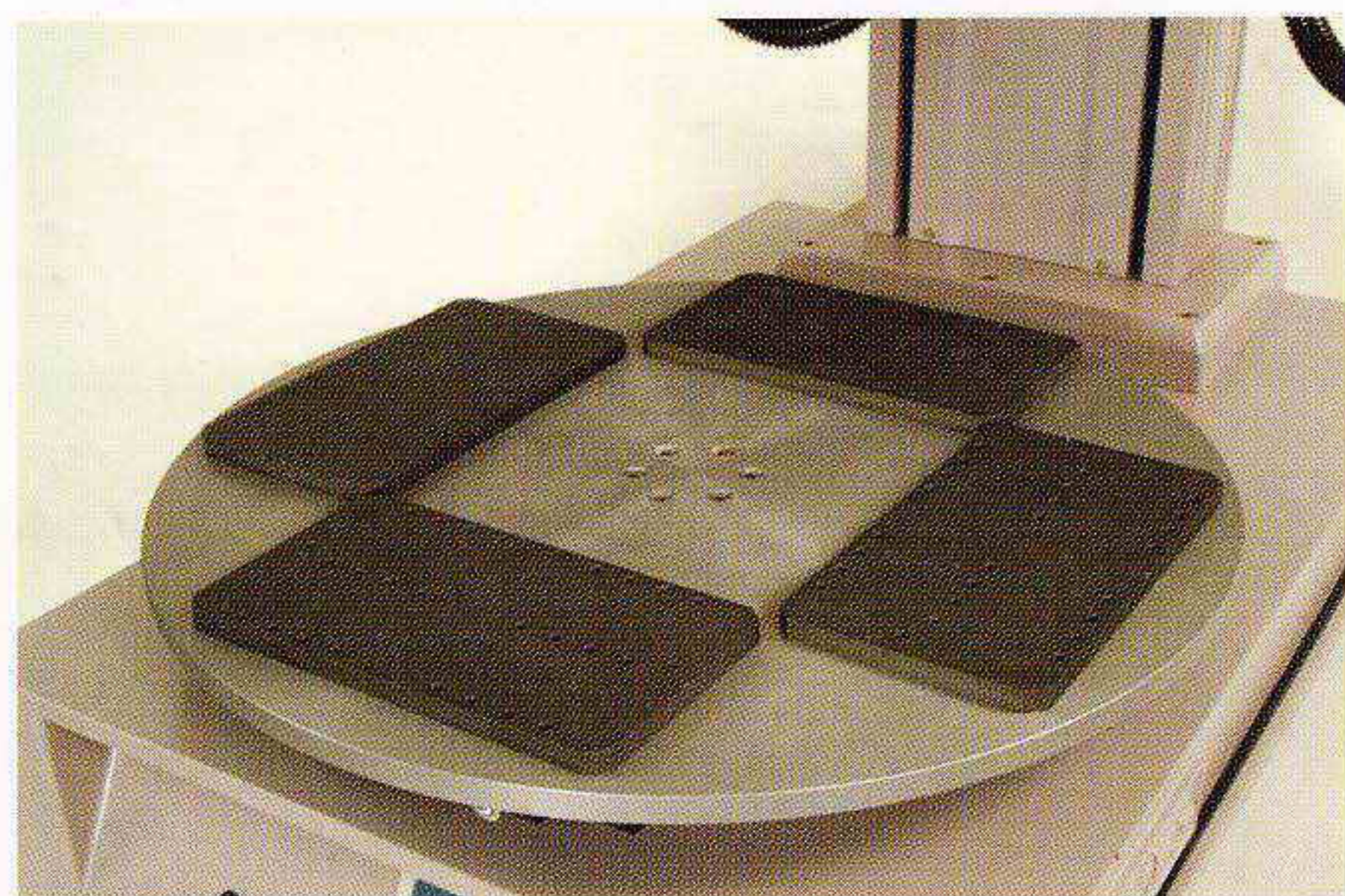
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ELECTRIC INDEX TABLE SCREEN PRINTER

Model (Max. Print Area, mm in.)

AT-25PAD (150x250 5⁷/₈ x 9³/₄)

AT-45PAD (200x450 7⁷/₈ x 17⁵/₈)



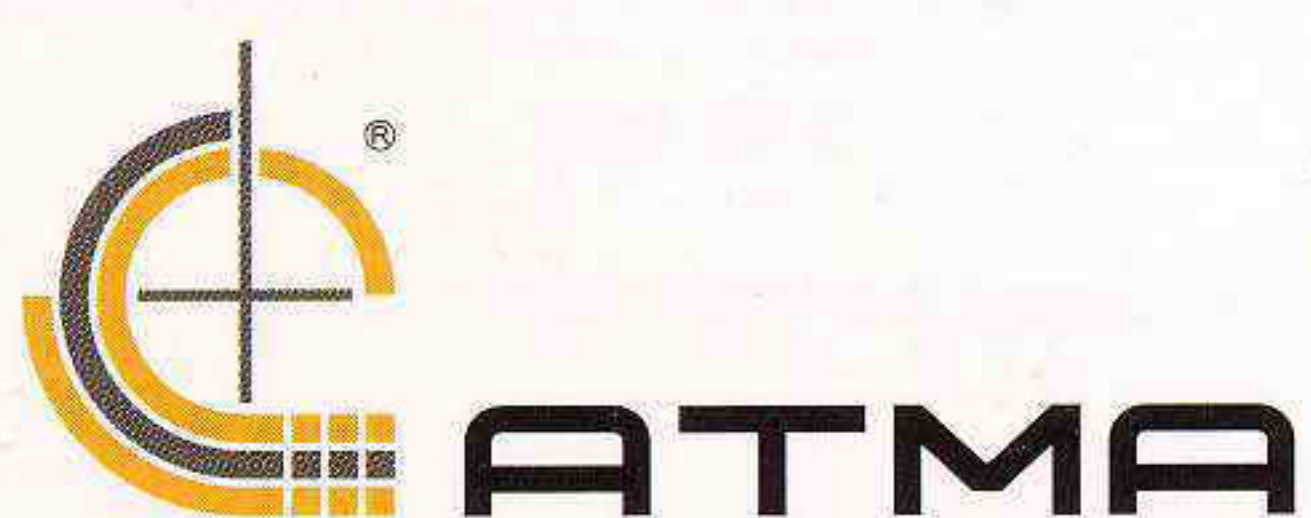
Index Table
(4-index for 25PAD, 2-index for 45PAD)

APPLICATION

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

SPECIFICATION

	AT-25PAD (x4)		AT-45PAD (x2)	
Table size(DxW, mm in.)	140x250	5 ¹ / ₂ x9 ³ / ₄	200x400x2	7 ⁷ / ₈ x15 ³ / ₄
Max. print area(DxW, mm in.)	150x250	5 ⁷ / ₈ x9 ³ / ₄	200x450x2	7 ⁷ / ₈ x17 ⁵ / ₈
Max. O/D frame size(DxW, mm in.)	380x530	14 ⁷ / ₈ x20 ⁷ / ₈	500x750	19 ⁵ / ₈ x29 ¹ / ₂
Frame height(mm in.)	20-30	3/4-1 ¹ / ₈	20-30	3/4-1 ¹ / ₈
Substrate thickness(mm in.)	40-100	1 ¹ / ₂ - 4	40-100	1 ¹ / ₂ - 4
Table height(mm in.)	907+30	35 ⁵ / ₈ +1 ¹ / ₈	907+30	35 ⁵ / ₈ +1 ¹ / ₈
Screen-lift height(mm in.)	300	11 ³ / ₄	300	11 ³ / ₄
Print head speed(mm in./sec.)	100-500	4-20	100-500	4-20
Max. capacity(P/H, full stroke)	1200		940	
Electric power	1 φ , 220V, 50/60Hz			
Power consumption(kw)	0.74		0.74	
Input air pressure(kg/cm ² PSI)	5-7	71-85	5-7	71-85
Air consumption(l Gl/cycle)	0.45	0.12	0.45	0.12
Dimension(WxDxH, cm in.)	72x97x171	28x38x67	92x97x171	36x38x67
Weight(kg lbs)	200	440	245	539



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