

AT-PD SERIES

DIGITAL ELECTRIC SCREEN PRINTERS

STATIONERY TABLE / SLIDING TABLE TYPE



APPLICATION

ATMA proud to present top-quality AT-PD series Digital Screen Printer for printing task on rigid and flexible materials as used in precision applications and fields.

Ex: Mylar Overlay, Name Plate, Decal, Flexible Circuit, EL Lamp, Opto-electronic Panel, etc..

▶ FEATURES

- **Quality Commitment**

Assured by ISO9001 and ISO14001 systems.

- **Elegant Design**

Innovative precision technology and outstanding high-performance design of fast, reactive electro-mechanic transmission system ensures superior quality work and close tolerance.

- **Solid Construction**

Heavy-duty base frame with balanced footings to stay vibration-free through high speed operation.

- **Low Setup Time**

Screen front insertion and holding by air-locking system for easy setup.

- **Extreme Accuracy**

Adopts top-class linear rails & digital drive systems to ensure accuracy.

- **Easy Adjustments**

Squeegee/Flood Coater depth, angle, skew, level, pressure & speed, stroke are dial, gauge or monitor displayed to achieve optimum printing result.

- **User-Friendly Operation**

Digital Touch-screen Control with parameter settings and value-added functions to ensure easy operation.

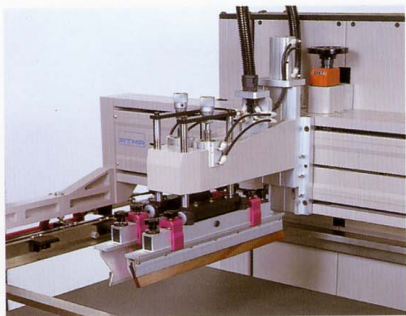
- **Safety**

Adopted all protections to meet European safety requirements.

- **Additional Options**

Available with Static Eliminator, Anti-drip Device, Registration Pins and more.

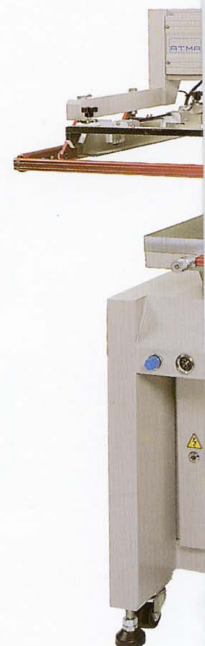
CHANGE MAY BE MADE WITHOUT PRIOR NOTICE



Pneumatic Lift-up of Print Head



Safety Bar





DIGITAL ELECTRIC FLAT SCREEN PRINTER

Model (Max. Print Area, mm in.)

ATM-60PD (400x600 15³/₄ x 23⁵/₈)

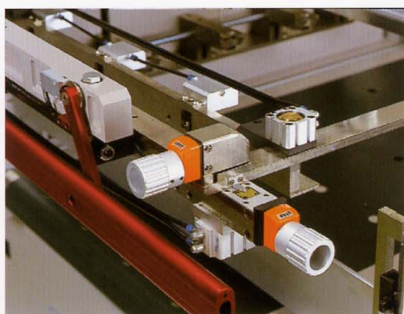
ATM-70PD (600x700 23⁵/₈ x 27¹/₂)



DIGITAL ELECTRIC SLIDING TABLE SCREEN PRINTER

Model (Max. Print Area, mm in.)

AT-60PPD (400x600 15³/₄ x 23⁵/₈)



Screen Registration Adjustments



Touch-screen panel

SPECIFICATION

(metric scale as standard, inch scale as rough conversion)

	AT-60PD	AT-70PD	AT-60PPD
Working Table size (DxW, mm in.)	500x700 19 ⁵ / ₈ x 27 ¹ / ₂	700x820 27 ¹ / ₂ x 32 ¹ / ₄	500x700 19 ⁵ / ₈ x 27 ¹ / ₂
Vacuum area (DxW, mm in.)	405x600 16 x 23 ⁵ / ₈	600x700 23 ⁵ / ₈ x 27 ¹ / ₂	405x600 16 x 23 ⁵ / ₈
Max print area (DxW, mm in.)	400x600 15 ³ / ₄ x 23 ⁵ / ₈	600x700 23 ⁵ / ₈ x 27 ¹ / ₂	400x600 15 ³ / ₄ x 23 ⁵ / ₈
Max. O/D frame size (DxW, mm in.)	700x800 27 ¹ / ₂ x 31 ¹ / ₂	900x1050 35 ³ / ₈ x 41 ¹ / ₄	700x800 27 ¹ / ₂ x 31 ¹ / ₂
Frame height (mm in.)	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈
Substrate thickness (mm in.)	0-120 0 -4 ³ / ₄	0-120 0 -4 ³ / ₄	0-120 0 -4 ³ / ₄
Table height (mm in.)	940+20 37+ ³ / ₄	940+20 37+ ³ / ₄	940+20 37+ ³ / ₄
Clearance screen ↔ table			
Print level (mm in.)	0-50 0-2 (digitally settable)	0-50 0-2 (digitally settable)	0-50 0-2 (digitally settable)
Standby Level (mm in.)	270 10 ⁵ / ₈ (digitally settable)	270 10 ⁵ / ₈ (digitally settable)	270 10 ⁵ / ₈ (digitally settable)
Table speed (mm in./sec.)	-----	-----	1100
Print head speed (mm in./sec.)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)
Max. capacity (P/H, full stroke)	800	800	720
Screen adjustment (X/Y, mm in.)	±10 / ±10 ± ³ / ₈ / ± ³ / ₈	±10 / ±10 ± ³ / ₈ / ± ³ / ₈	±10 / ±10 ± ³ / ₈ / ± ³ / ₈
Skew angle (°)	±9	±9	±9
Electric Power		3-phase, 220V/380V, 50/60Hz	
Power consumption (kw)	1.5	2.1	1.5
Input air pressure (kg/cm ² PSI)	5-6 71-85	5-6 71-85	5-6 71-85
Air consumption (l GI/cycle)	3 0.8	3 0.8	3.7 1
Dimension (WxDxH, cm in.)	125 x 105 x 160 49 x 41 x 63	140 x 120 x 165 55 x 47 x 65	130 x 160 x 168 51 x 63 x 66
Weight (kg lb)	360 792	650 1430	500 1100



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