



數控操作
符合多樣化印刷需求

數控電動式平面網印機
DIGITAL ELECTRIC FLAT SCREEN PRINTER

AT-60PD / 70PD / 80PD

數控電動跑檯式平面網印機
DIGITAL ELECTRIC SLIDING TABLE
SCREEN PRINTER

AT-60PPD

雙檯式電動平面網印機
TWIN TABLE ELECTRIC FLAT
SCREEN PRINTER

AT-80PTT

適用於各種平面膜/片/薄板形印件之高精密網印作業。

例如：用於薄膜按鍵、手機面板(IMD)、撓性電路板(FPC)、導光板(LGP)..等精密製程印刷。

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, Membrane Switch, Name Plate, Decal, Flexible Circuit, EL Lamp, Opto-electronic Panel, etc..

數控電動式平面網印機

Digital Electric Flat
Screen Printer

數控電動跑檯式平面網印機

Digital Electric Sliding Table
Screen Printer

雙檯式

Twin

AT- 60PD (400x600 mm)

AT- 70PD (600x700 mm)

AT- 80PD (600x800 mm)

AT- 60PPD (400x600 mm)

AT-

單檯面

Stationery Table

跑檯式

Sliding Table



▲ 三項人身保護安全裝置

- 護圍式緊急安全桿
- 面板壓板
- 光束/光柵保護裝置 (選配)

▲ Safety Device

- Surround Type Emergency Safety Bar
- Front Safety Press Plate
- Light Beam/ Light Fence Device (option)



精密網框微調裝置

Screen Registration Adjustments

SCREEN PRINTER

80PTT (600x750 mm)

雙檯面

Twin Table



創新設計 Innovative Design

專利電動垂直升降設計，快速穩靜升降，保養簡便，耐長時操作，穩定精度高。
Innovative precision technology and outstanding high-performance design of fast, reactive electro-mechanic transmission system ensures superior quality work and close tolerance.

強固精密 Solid & Accurate

創新結構，強固質輕，配合頂級傳動及導向系統，運行快速，穩定滑順，定位精準，節省能源。

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

裝設快速 Fast Setup

換版/裝框/定位簡易快速，大幅減少裝設時間、提昇產能。

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

操作便捷 Easy to Operate

人機介面全數控操作，提供多種功能設定，達到作業數據化、標準化、人性化之完善要求。

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

安全防護 Safety

設有急停開關、安全復歸及自動偵錯系統，安全防護周全。

Adopted all protections to meet European safety requirements.

選項配備 Options

可選配防滴墨裝置、定位銷等功能。

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



提升產能之雙印刷檯面
Twin table



數控人機介面
Touch-screen panel



自由水平浮動之印刷座
Pneumatic Lift-up of Print Head

數控電動式平面網印機

Digital Electric Flat
Screen Printer

數控電動跑檯式平面網印機

Digital Electric Sliding Table
Screen Printer

雙檯式電動平面網印機

Twin Table Electric Flat
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精密網框微調裝置 Screen Registration Adjustments



提升產能之雙印刷檯面 Twin table

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精密網框微調裝置

Screen Registration Adjustments

提升產能之雙印刷檯面

Twin table

Specification

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

型號 / Model	AT-60PD	AT-70PD	AT-80PD	AT-60PPD	AT-80PTT
檯面尺寸 Working table size (DxW, mm in.)	500x700 19 ⁵ / ₈ x 27 ¹ / ₂	700x800 27 ¹ / ₂ x 31 ¹ / ₂	700x900 27 ¹ / ₂ x 35 ³ / ₈	500x700 19 ⁵ / ₈ x 27 ¹ / ₂	(up) 700x1000 27 ¹ / ₂ x 39 ³ / ₈ (low) 700x880 27 ¹ / ₂ x 34 ⁵ / ₈
吸氣面積 Vacuum area (DxW, mm in.)	405x600 16 x 23 ⁵ / ₈	600x700 23 ⁵ / ₈ x 27 ¹ / ₂	600x800 23 ⁵ / ₈ x 31 ¹ / ₂	400x600 15 ³ / ₄ x 23 ⁵ / ₈	600x760 23 ⁵ / ₈ x 30
最大印刷面積 Max. print area (DxW, mm in.)	400x600 15 ³ / ₄ x 23 ⁵ / ₈	600x700 23 ⁵ / ₈ x 27 ¹ / ₂	600x800 23 ⁵ / ₈ x 31 ¹ / ₂	400x600 15 ³ / ₄ x 23 ⁵ / ₈	600x750 23 ⁵ / ₈ x 29 ¹ / ₂
最大裝框尺寸 Max. O/D frame size (DxW, mm in.)	700x900 27 ¹ / ₂ x 35 ³ / ₈	900x1050 35 ³ / ₈ x 41 ³ / ₈	900x1100 35 ³ / ₈ x 43 ¹ / ₄	700x800 27 ¹ / ₂ x 31 ¹ / ₂	900x1100 35 ³ / ₈ x 43 ¹ / ₄
網框高度 Frame height (mm in.)	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈	25-47 1-1 ⁷ / ₈
印件厚度 Substrate thickness (mm in.), jig	0-120 0-4 ³ / ₄	0-120 0-4 ³ / ₄	0-120 0-4 ³ / ₄	0-120 0-4 ³ / ₄	0-12 0-1 ² / ₂
檯面高度 Table height (mm in.)	960+20 37 ³ / ₄ +3 ⁴ / ₄	960+20 37 ³ / ₄ +3 ⁴ / ₄	960+20 37 ³ / ₄ +3 ⁴ / ₄	960+20 37+3 ⁴ / ₄	(up) 1020+30 40 ¹ / ₈ ±1 ¹ / ₈ (low) 955+30 37 ⁵ / ₈ ±1 ¹ / ₈
網版洗版高度 Screen height at cleaning level (mm in.)	270 10 ⁵ / ₈	270 10 ⁵ / ₈	300 11 ⁷ / ₈	320 12 ¹ / ₂	330 13
跑檯速度 Table speed (mm in./sec.)	----	----	----	1100 43 ¹ / ₄	830 32 ⁵ / ₈
網版微調範圍 Screen micro adjustment (X/Y, mm in.)	----	----	----	±10 / ±10 ±3 ⁸ / ₈ / ±3 ⁸ / ₈	----
檯面微調範圍 Table adjustment (X/Y, mm in.)	±10 / ±10 ±3 ⁸ / ₈ / ±3 ⁸ / ₈	±10 / ±10 ±3 ⁸ / ₈ / ±3 ⁸ / ₈	±10 / ±10 ±3 ⁸ / ₈ / ±3 ⁸ / ₈	----	±10 / ±10 ±3 ⁸ / ₈ / ±3 ⁸ / ₈
刮刀傾角可調範圍 Squeegee inclination angle (°)	20±15	20±15	20±15	20±15	20±15
印刷頭斜印旋角範圍 Print head skew-angle (°)	±9	±9	±9	±9	±9
刮印速度 Print head speed (mm in./sec.)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)	125-750 5-30 (digitally set)
最大產能 (次/時, 全速全行程)					
Capacity (P/H, full speed full stroke)	600	720	720	660	480
電源 Power source	3 φ, 220V/380V, 50/60Hz	3 φ, 220V/380V, 50/60Hz	3 φ, 220V/380V, 50/60Hz	3 φ, 220V/380V, 50/60Hz	3 φ, 220V/380V, 50/60Hz
耗電量 Power consumption (kW)	1.54	2.1	2.4	1.54	4.4
氣源壓力 Air source (kg/cm ² PSI)	5-6 71-85	5-6 71-85	5-6 71-85	5-6 71-85	5-6 71-85
耗氣量 (升/週轉) Air consumption (l GI/cycle)	3 0.8	3 0.8	3.1 0.8	3.7 1	3.6 1
機器尺寸 Dimension (WxDxH, cm in.)	130 x 105 x 160 51 x 41 x 63	140 x 120 x 165 55 x 47 x 65	150 x 130 x 170 59 x 51 x 67	132 x 152 x 178 52 x 60 x 70	150 x 210 x 170 59 x 83 x 67
機器重量 Weight (kgs lb)	485 1065	593 1300	805 1770	580 1275	1030 2260

* 研發修改不另事先通知 CHANGE MAY BE MADE WITHOUT PRIOR NOTICE



東遠精技工業股份有限公司 ATMA CHAMP ENT. CORP.

台灣總部 / TAIWAN

248 台灣台北縣五股鄉五股工業區五權七路65號
65, Wuchuen 7th Rd., Wuku Ind. Zone, Wuku, Taipei, Taiwan 248
TEL : 886-2-22991293 E-MAIL : atma@atma.com.tw
FAX : 886-2-22991291 WEB : http://www.atma.com.tw

昆山 / Kunshan

TEL : 0512-57633963 FAX : 0512-57633983

東莞 / Dong-guan

TEL : 0769-83606700 FAX : 0769-83606703

天津 / Tientsin

TEL : 022-28182317 FAX : 022-28182375

美國 / USA

TEL : 925-456-7801 FAX : 925-456-7803



國家產品形象
銀質獎
SILVER NATIONAL
AWARD OF EXCELLENCE
WINNER



台灣精品
SYMBOL OF EXCELLENCE
WINNER



創新研究獎
NATIONAL
RESEARCH AWARD



國家聲石獎
NATIONAL AWARD OF SME
(Small and Medium Enterprise)



歐洲安全規格認證
CE CERTIFIED



通過 ISO9001
ISO14001
ISO 9001 ISO14001
CERTIFIED



小巨人獎
NATIONAL
LITTLE GIANT AWARD
WINNER