Decoration Line Screen Printer

Taiwan Headquarter

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Innovative Value, Outstanding Excellence

P03/04	Pneumatic Mini /Mid Flat / Curve Screen Pri
P05/06	Stereo Casing Flat Screen Printer Pneumatic Large Curve Screen Printer
P07/08	Electric Mini Flat / Curve Screen Printer Electric Index Table Flat Screen Printer
P09/10	Digital Electric Flat screen Printer Electric Flat Screen Printer
P11/12	Digital Electric Sliding Table Screen Printer Electric Sliding Table Screen Printer with Gr
P13/14	Electric Flat Screen Printer with Belt Take-of High-speed Clamshell Screen Printer
P15/16	Four-Post Screen Printer with Gripper Take-
P17/18	Jumbo Four-Post Screen Printer
P19/20	Four Post High Precision Screen Printer
P21/22	Opto-electronic High Precision Screen Prin
P23/24	Automatic Squeegee Sharpener Digital Automatic Coating Machine Ink Mixer Stirring Type Ink Mixer









rinter

TY-500FAT / TY-500FBT / TY-500FBT AT-25FA / AT-45FA / AT-60FA

AT-60FX TY-1200GL

AT-25PA /AT-45PA/AT45-PAB AT-25PAD(4I) /AT-45PAD(2I)

AT-60PD / AT-70PD AT-80P /AT-120P /AT-160P

r iripper Take-off

AT-60PPD AT-80PP/G

off

AT-80P/B AT-68C

-off

ATMACE 1014/G / 1216/G

ATMAX 1225/G

ATMAPC 67 / 710 (New 6)

nter

ATMAOE 56 / 67 / 710

AT-S Series AT-C Series AT-MIX Series AT-LM4













CERTIFIED





ATMA deeply cultivated in Research and Development for screen printing technology over 30 years, granted innovative leadership in the industry with excellent reputation and continuous appraisal. Acquired countless domestic and overseas awards for product design, achieved more than 100 patents in Taiwan and overseas from entry-level Manual Screen Printing Table to upscale Opto-electric Fully Automatic Screen Printer.

Further research to develop Solar Cell Screen Printer, always leading to the extreme rsearch and development of screen printing, conducts the trend of technology to serve as a role model of learning in the industry.

Wide range of products, screen printing is linked up with our daily life, applied in the Communication, Computer products, Opto-electronics technology, Solar Energy, etc. and other diverse of professional areas.



[MANAGEMENT PHILOSOPHY]



SINCERITY **Treating people** with sincerity



TRUST **Running business** with trust

[Vision]

Professional Innovation Aiming to achieve benchmark enterprise of foremost global screen printing technology

[Mission]

- Leading printing technology to create the trend of fully automatic, least-man, unmanned production.
- People-oriented is the core value, providing a learning environment to partners attaining self-value
- Thorough development in Taiwan, global operations, sustainable management toward to harmony and happiness enterprise

[Awards]

- Achieved Patent of Invention from USA, Taiwan, China, UK, and more than 100 of new patent from many different countries
- Awarded "Taiwan Excellence" continuously for years, accumulated more than 80 different models

[Company Profile]

Founded: 25thJuly, 1979 Presdient: Mr. T.C. Chen Capital: USD 6.9 Million Factory Area: 15,000 m² Employee: 400 Certifications: ISO 9001, ISO 14001, CE



DILIGENCE **Practicing work** with diligence



HARMONY Handling matters with harmony

Creating infinite possibilities with livelihood screen printing application



Industrial Decoration Screen Printing Applications

Suitable for precise decorative printing all types of flat surfaced substrates, finished products, special substrates, curved objects such as glasses, jars, pails, barrels.

- 1. Flat sheet/plate/thin substrates :For e.g. Stickers, Credit Cards, Lottery Tickets, Ceramic Transfer Paper, UV Varnish, Nameplates, Self Adhesive Trademark Logos, Dashboards For Automobiles, Printed Circuits Boards, Metallic Nameplates, Membrane Switches, Silicon Keypads, Plastic Case, IMD Molds, Electro Luminescence, Opto-electric Display Films, Smart Phone Display Panel, Medicine Coating of Testers/ Strips and etc.
- 2. All types of cylindrically shaped, cone shaped, and oval shaped objects such as glasses, bottles, tubes, cans, and barrels. For e.g., Cosmetic Containers, Decorative Containers, Scale for Camera Lenses, Motor Oil Cans and etc.
- 3. Product casings from rigid material. For e.g. Computer Casing, Machine Casing, Plastic Formed Cases and etc.

Trust!



TY-500FAT



Pneumatic Mini Flat Screen Printer

Suitable for screen printing on small nameplates, acrylic, plastic, metallic flat substrates or molded product.

(Depth x Width)	TY-500FAT
Max. Printing Area (mm)	300 x 460
Max. Frame O/D size (mm)	450 x 650
Substrate thickness (mm)	0 -150
Productivity (P/H, non-stop full speed full stroke)	820

(Modification may be made without prior notice)

TY-500FBT

Pneumatic Mini Curve Screen Printer

Suitable for screen printing on cylindrical, conical, and oval shaped objects, such as glasses, bottles, tubes, cans, pens and etc.

- Gear/Cog Bar synchronous transmission to deliver original

(Depth x Width)	TY-500FBT
Curve printing diameter (mm)	Ф50 ~ Ф145
Curve printing depth (mm)	200
Max. frame O/D size (DxW, mm)	350 -650
Productivity (P/H, non-stop full speed full stroke)	820

(Modification may be made without prior notice)



AT-25FA / AT-45FA

Pneumatic Mini Flat Screen Printer

Suitable used for printing on packaging boxes, silicon keypads, automotive dashboards and etc.

- Adopted Linear Guide Rail and Japanese motor for precise

(Depth x Width)	AT-25FA	A
Max. Printing Area (DxW, mm)	200 x 250	3
Max. Frame O/D size (DxW, mm)	380 x 520	5
Substrate thickness (mm)	0.1 - 50	0
Productivity (P/H, non-stop full speed full stroke)	780	7
(1711, non stop full speed full stroke)		

(Modification may be made without prior notice)

AT-60FA

Pneumatic Flat Screen Printer

Suitable for screen printing self-adhesive trademark logos, credit cards / VIP cards, nameplates, UV varnish, 4 leather and so on.

(Depth x Width)	AT-60FA
Max. Printing Area (DxW, mm)	400 x 560
Max. Frame O/D size (DxW, mm)	700 x 950
Substrate thickness (mm)	0.1 - 30
Productivity (P/H, non-stop full speed full stroke)	700

Flat / Cure: TY-500FABT

TAIWAN

(Modification may be made without prior notice)





AT-60FX

Stereo Casing Flat Screen Printer

Dedicated to printing on the rigid cubic casing, such as Photocopier, Printer, Monitor, Medical Instrument, etc.

- CPU control, versatile function, error diagnosis

(Depth x Width)	AT-60FX
Table size (DxW, mm)	400 x 600
Max. printing area (DxW, mm)	400 x 550
Max. frame O/D size (DxW, mm)	600 x 850
Substrate thickness (mm)	0.1 - 300
Productivity (P/H, non-stop full speed full stroke)	720
Power source	1Φ, 110V/220V, 50/60Hz
Power Consumption (kW)	0.17
Air pressure (kg/cm²)	5 - 7
Air exhaustion (liter/cycle)	0.58
Dimension (cm, WxDxH)	106 x 82 x 153
Weight (kg)	236

(Modification may be made without prior notice)

shaped objects, such as Pails, Tanks, Paint Containers, and Trash Cans etc. • Cross mark frame micro adjustment facilitates

(Depth x Width) Curve

Curve p Max. fr Produc (P/H, n

Power Power

Air pres Air exh Dimens Weight

printing diameter (mm)	Ф350
printing depth (mm)	300
ame O/D size (DxW, mm)	500 x 1500 🏾
tivity on-stop full speed full stroke)	300 - 750
source	110V/220V, 50/60
Consumption (kW)	0.06
ssure (kg/cm²)	5 - 6
austion (liter/cycle)	3.9
sion (cm, WxDxH)	167 x 95 x 177
: (kg)	340

(Modification may be made without prior notice)

TY-1200GL



TY-1200GL Pneumatic Large Curve Screen Printer

Dedicated to printing on large cylindrical and oval



AT-25PA / AT-45PA

Electric Mini Flat Screen Printer

Dedicated to printing electric components, bio-tester strips, smart phone cover lens and so on.

(Depth x Width)	AT-25PA	AT-45PA
Max. Printing Area (mm)	200 x 250	300 x 450
Max. Frame O/D size (mm)	380 x 520	500 x 720
Substrate thickness (mm)	0 - 50	0 - 50
Productivity (P/H, non-stop full speed full stroke)	780	720

(Modification may be made without prior notice)

AT-45PAB

Electric Min Flat / Curve Screen Printer

AT- 45PAB

Flat printing : suitable for precision printing electric components, bio-tester strips, smart phone cover lens and so on. **Curve printing :** suitable for printing small diameter cylindrical, conical, and oval shaped objects such as glasses, bottles, tubes, cans and etc.

- Easy interchangeable flat and curve printing mechanisms
- Driven by Servo motor to attain seamless periphery printing

Curve printing diameter (mm)	Φ
Curve printing depth (mm)	20
1ax. frame O/D size (DxW, mm)	PE
roductivity P/H, non-stop full speed full stroke)	8(

(Depth x Width)

144 00 B : 280 x 720 (PA : 500 x 720) 00



AT-25PAD (4I) **AT-45PAD** (21)

Electric Index Table Flat Screen Printer

Suitable for speedy printing of small substrates such as Smart Phone Cover Lens, Silicon Keypads, Cosmetic Containers, License Plate Frames, and etc.

- Servo motor for stable printing stroke at high speed and
- Uses oil-free Filter-regulator, no oil mist contamination
- Error message to guide expedite trouble shooting

(Depth x Width)	AT-25PAD (4I)	AT-45P
Table size (mm)	140 x 250	200 x 40
Max. printing area (mm)	150 x 250	200 x 45
Max. frame O/D size (mm)	380 x 520	500 x 72
Substrate thickness (mm)	40 - 100	40 - 100
Productivity (P/H, non-stop full speed full stroke)	1200	960
Power source	1Φ, 220V, 50/60H	Z
Power Consumption (kW)	0.78	0.78
Air pressure (kg/cm²)	5 - 7	5 - 7
Air exhaustion (liter/cycle)	0.45	0.45
Dimension (cm, WxDxH)	72 x 97 x 171	92 x 97 x
Weight (kg)	270	310

(Modification may be made without prior notice)



(Modification may be made without prior notice)









AT-60PD / AT-70PD

AT-80P / AT-120P **AT-160P**

Digital Electric Flat screen Printer

Suitable for precise printing on Blood Sugar Testers, Membrane Switches, Displays for Tablets, FPC and so on.

Options

□ Pneumatic Laystops / Pop-up Pin □ Dripping Squeegee

(Depth x Width)	AT-60PD	AT-70PD
Table size (mm)	500 x 700	700 x 800
Max. printing area (mm)	405 x 600	600 x 700
Max. frame O/D size (mm)	700 x 950	900 x 1050
Substrate thickness (mm)	0 - 120	0 - 120
Productivity	600	570
(P/H, non-stop full speed full stroke))	
Power source	3Ф, 220V/380	V,50/60Hz
Power Consumption (kW)	1.54	2.07
Air pressure (kg/cm²)	5 - 7	5 - 7
Air exhaustion (liter/cycle)	1.53	2.1
Dimension (cm, WxDxH)	130x106x160	140x126x165
Weight (kg)	485	593

ATMA

Electric Flat Screen Printer

Suitable for printing industrial products, such as Membrane Switches, Flexible Printed Circuits, Nameplates, Electro Luminescent Panels and etc.

- Equipped with E-stop Switch, Emergency Pressing Bar,

Options

- Customizable vacuum hole sizes and vacuum area
- □ Additional Pneumatic Laystops □ Dripless squeegee
- Dial meter
- Safety Device
 Safety Raster

(Depth x Width)	AT-80P	AT-120P	AT
Table size (DxW, mm)	700 x 900	800 x 1400	80
Max. printing area (DxW, mm)	600 x 800	700 x 1200	70
Max. frame O/D size (DxW, mm)	900 x 1100	1000 x 1500	100
Substrate thickness (mm)	0~25	0 ~ 25	0 ~
Productivity (P/H, non-stop full speed full stroke	570 e)	480	42
Power source	3Φ, 220V/38	80V, 50/60Hz	
Power Consumption (kW)	2.6	3.3	4.1
Air pressure (kg/cm²)	5 ~ 7	5 ~ 7	5 ~
Air exhaustion (liter/cycle)	3	3	3
Dimension (cm, WxDxH)	150x130x170	190x140x175	230
Weight (kg)	685	980	13

(Modification may be made without prior notice)

(Modification may be made without prior notice)







AT-60PPD

Digital Electric Flat screen Printer

Suitable for precise printing on Blood Sugar Testers, Membrane Switches, Displays for Tablets, FPC and so on.

AT-80PP/G

Electric Sliding Table Screen printer

Suitable for printing flat substrate in sheet/plate/board form, such as Flexible Circuits, Membrane Switches, Opto-electronic Display Films / Panel and etc.





AT-80P/B

AT-68C

High-speed Clamshell Screen Printer

Suitable for speedy printing on Membrane Switches, Nameplates, Trademark Logo Stickers, Transfer Papers, Credit Cards and so on.

Electric Flat Screen Printer with Belt Take-off

Suitable for printing rigid material, such as Metallic Nameplates, Acrylic, Glass, Printed Circuits, and so on industrial products.



Patented fast and silent motorized vertical motion system

- Print head elevating device facilitates to exchange squeegee / flood coater / screen and ink cleaning
- Jointed type frame holder to strengthen structure for high pressure printing
- Automatic take-off device delivers the printed substrate to dryer for higher productivity
- Safety features such as Safety Bar, E-stop Switch, Emergency Pressing Bar

Options

□ Dial Meter □ Safety Raster

AT-80P/B (Depth x Width) Table size (mm) 700 x 900 Max. printing area (mm) 600 x 650 Max. frame O/D size (mm) 900 x 1050 Substrate thickness (mm) 0~25 Productivity 480 (P/H, non-stop full speed full stroke) 3Ф, 220V/380V, 50/60Hz Power source Power consumption (kW) 2.7 Input air pressure (kg/cm²) 5 - 7 Air exhaustion (liter/cycle) 3.1 Dimension (cm, WxDxH) 180x130x170 Weight (kg) 840



17

ATMO

Unique design liftable vacuum table allows to adj off-contact height

- Screen at printing level is locked by Electromagnet precise positioning and high resistance printing pre-
- Various handy adjustment mechanisms to expe loading and positioning
- Adjustable vacuum suction power to accommodarequirement
- Synchronous peel-off to avoid mesh sticky while printing

(Depth x Width)	AT-68C
Table size (mm)	700 x 1000
Max. printing area (mm)	600 x 800
Max. frame O/D size (mm)	1000 x 1000
Substrate thickness (mm)	0.1 - 25
Productivity	720
(P/H, non-stop full speed full stroke)	
Power source	3Ф, 220V/380V, 50/
Power Consumption (kW)	2.75
Input Air pressure (kg/cm²)	5 - 7
Air exhaustion (liter/cycle)	1.41
Machine dimension (cm, WxDxH)	112 x 158 x 140
Weight (kg)	660

(Modification may be made without prior notice)

(Modification may be made without prior notice)





ATMACE 1014/G ATMACE 1216/G

Four-Post Screen Printers with Gripper Take off

Suitable for printing mid-size Posters, Automotive Decals and Banner, UV Varnish, and etc.

- Guide rails are supported by rigid Aluminum extrusion profile and covered completely to prevent ink or dust contamination to extend life time.
- Equipped with screen micro adjustment and pneumatic frame locking to facilitate quick frame exchange and positioning.
- Printing table is made of high strength Aluminum alloy with the refined machining to ensure high strength and flatness.
- Auto gripper take-off delivers the printed substrate to dryer for high productivity.
- Equipped with E-stop Switch, Safety Bar fro intensive protection.

Options

Dripping Squeegee

(Depth x Width)	ATMACE 1014/G	ATMACE 1216/G
Table size (mm)	1250 x 1700	1400 x 2000
Max. printing area (mm)	1000 x 1400	1210 x 1610
Max. frame O/D size (mm)	1500 x 1800	1700 x 2000
Substrate thickness (mm)	0.1 - 6	0.1 - 6
Productivity (P/H, non-stop full speed full stroke)	490	460
Power source	3Ф, 220V/380V,50/60Hz	
Power consumption (kW)	6.1	6.1
Input air pressure (kg/cm²)	5-7	5-7
Air exhaustion (liter/cycle)	7.1	7.1
Dimension (cm, WxDxH)	282 x 308 x 154	304 x 334 x 154
Weight (kg)	1743	1990

(Modification may be made without prior notice)





ATMAX 1225/G

Jumbo Four-Post Screen Printers

Suitable for printing large-size Posters, Sign Board, Automotive Banners, UV varnish, and etc.

Options

□ Dripping Squeegee

(Depth x Width)

ATMAX 1225/G

Table size (mm)
Max. printing area (mm)
Max. frame O/D size (mm)
Substrate thickness (mm)
Productivity (P/H, non-stop full speed full stroke)
Power source
Power consumption (kW)
Input air pressure (kg/cm²)
Air exhaustion (liter/cycle)
Dimension (cm, WxDxH)
Weight (kg)

1500 x 3000 1200 x 2500 1750 x 3150 0.1 - 6 310 3Ф, 220V/380V,50/60Hz

9.7 5 - 7 10.4 420x380x170 2100

ATMAX 1536 G ATMA ATM

(Modification may be made without prior notice)







ATNAPC 67 / 710 (New 6)

Four Post High Precision Screen Printer

Suitable for printing Ceramic Transfer Films, Trademark Logo Stickers, Cigarette Boxes, UV varnish, and etc.

- Rapid and precise sliding table offers large operation area and easy material loading
- Various handy adjustable mechanisms for quick set up and positioning
- Equipped with screen micro-adjustment, air locking frame holder for quick handling frame exchange and positioning
- Guide rails are supported and covered by Aluminum extrusion profile, mounting surface is refined machining to assure parallel
- Equipped with Safety Bar, Automatic Error Diagnosis for intensive protection

Options

□ Customizable vacuum hole sizes and vacuum area

Pneumatic Laystops / Pop-up Pins

(Depth x Width)	ATMAPC 67	ATMAPC 710	
Table size (mm)	800 x 900	950 x 1250	
Max. printing area (mm)	600 x 740	760 x 1060	
Max. frame O/D size (mm)	1100 x 1100	1200 x 1400	
Substrate thickness (mm)	0.1 - 30	0.1 - 3.0	
Productivity (P/H, non-stop full speed full stroke)	540	510	
Power source	3Φ, 220V/380V,50/60Hz		
Power consumption (kW)	3.25	2.9	
Input air pressure (kg/cm²)	5 - 7	5 - 7	
Air exhaustion (liter/cycle)	2.8	2.8	
Dimension (cm, WxDxH)	165x242x145	175x270x145	
Weight (kg)	1120	1155	

(Modification may be made without prior notice)





ATMAOE 56 / 67 / 710

Opto-electronic High Precision Screen Printer

Suitable for printing Touch-screen Film, Blood testers, Flexible Printed Circuits, Electro Luminescent panels, and etc.

- Servomotor driving, solid printing torque, fully digitalized control, extreme stable speed motion.
- Digitized equalizing control squeegee/flood coater to assure consistent ink layer thickness
- Servo motor driven synchronous peel-off, automatic calculating speed and peel-off height to prevent mesh sticky while printing.
- Store up to 100 groups of parameters, enables edit and quick save or retrieve to standardize management different job processing.
- Synchronized locking four-post to assure consistent printing results

Options

□ CCD camera system	□ Gripper take off with elevating conveyor
Dripless squeegee	Pneumatic laystops
	🗆 Anti static bar

(Depth x Width)	ATMAOE 56	ATMAOE 67	ATMAOE 710
Table size (mm)	700 x 800	800 x 900	950 x 1250
Max. printing area (standard)(mm)	440 x 500	600 x 660	700 x 800
(extra large)(mm)	500 x 600	600 x 740	760 x 1060
Max. frame O/D size (mm)	950 x 950	1100 x 1100	1200 x 1400
Substrate thickness (mm)	0.1 - 30	0.1 - 30	0.1 - 30
Productivity (P/H, non-stop full speed full stroke)	660	540	510
Power source	3Ф, 220V/380V,50/60Hz		
Power consumption (kW)	2.93	3.25	3.35
Input air pressure (kg/cm²)	5 - 7	5 - 7	5 - 7
Air exhaustion (liter/cycle)	2.8	2.8	2.8
Dimension (cm, WxDxH)	150x215x145	165x242x145	195x270x145
Weight (kg)	870	1120	1150



(Modification may be made without prior notice)



Peripherals Auxiliary equipment for screen printing

AT-S100 AT-S150 / AT-S200

- grinding back and forth
- Guided by Linear Rail with excellent straightness
- Automatic reverse Diamond Wheel for best grinding effects
- Adjustable resolution, depth, stroke, and angle

	AT-S100	AT-S150	AT-S200
Grinding Stroke (cm)	100	150	200
Grinding Angle (degree)	0-45	0-45	0-45
Dimension (cm), W	166	216	266
D	60	60	60
Н	128	128	128
Weight (kg)	267	305	350

(Modification may be made without prior notice)

AT-C1012D / AT-C1216D AT-C1620D / AT-C2030D

AT- C1012D AT- C1216D AT- C1620D AT- C2030D

Max frame O/D size (DxW. mm)	105x125	125x165	165x205	205x305
Frame Height (mm)	20-45	20-45	20-45	20-45
Machine Dimension (WxDxH, cm)	188x51x188	208x51x228	248x51x268	288x51x368
Weight (kg)	340	360	500	550

(Modification may be made without prior notice)

Auto Squeegee Sharpener AT-S series

Dedicated to grinding squeegee sharpness to ensure printing quality.

TAIWAN P ATMA ATMA

Digital Automatic Coating Machine

For coating photo-sensitive emulsion onto the stretched screen



Peripherals

Stretcher / Exposure Box / Stencil Dryer / Wash-out Booth Cleaning Device / UV + IR Dryer / Silence Type Air Compressor German RKS Squeegee featuring High Solvent Resistance (HSR), Anti-static (AS)

AT-MIX7V

INK Mixer

For mixing ink or emulsion

• Enclosed chamber with full safety protection • Vacuum suction for removal of bubbles AT-MIX7V (Vacuum model)

Capacity (kg) Dimension (cm) Weight (kg)

125

7 (in 1 can) 52x73x81

(Modification may be made without prior notice)

AT-LM4

AT-LM4

Stirring Type Ink Mixer

For stirring of ink and additives





- Stepless speed control for can rotation

AT-LM4

Capacity (kg) Dimension (cm) Weight (kg)

4 (in 1 can) 31x27x40 20

(Modification may be made without prior notice)