ATMA · TAIWAN

ATMA ATMAGP 50PP

PRINTERS / FLATBED PRINTERS / SEMI-AUTOMATIC



OVERVIEW

This model is specialized in automatic centered registering for high precision printing on touch panel display cover lens without fiducial mark, it is effectively solving tolerance of glass outline to obtain precise centered printing.

BRAND	ATMA
COUNTRY	Taiwan
MODEL	ATMAGP 50PP
SERIES	ATMAGP
CATEGORY	Printers
TYPE	Flatbed printers
OPERATION	Semi-automatic

01 SPECIFICATIONS

Model	ATMAGP 50PP
Table size	430x650mm
Substrate thickness	0.3-2.0mm
Max printing area	300x400mm
Min printing area	100x160mm
Productivity	420 P/H
Max frame O/D size	700x900mm
Min frame O/D size	600x750mm
Frame height	20-40 mm
Power consumption	1.85KW
Air exhaustion	120L/min
Machine weight	620kg
Machine dimension	1900x1730x1820mm

02 FEATURES

- ☑ Registration Accuracy: screen up down is driven by German gear motor to collocate precision high lead screw rod and encoder, use digitalized analog control, screen up down fast stable silence and precise positioning
- ☑ Vacuum Suction: collocated with silent vacuum generator for suction position, assure the substrate displacement is not occurred upon table moving and printing motion
- ☑ Bespoke Design: customized special table, depending on the substrate size to open grooves and capable to make zero off-contact printing, fast loading and alignment

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.

- Visual Registration: equipped 3 sets of servo motor to control U-V-W direction, use visual system judgment to control amount of table displacement automaticallyHigh precision transmission structure, fully automatic table micro-adjustment registration, repeatability registration accuracy achieves ±5μm, registration speed (including search target, alignment and examination) 1.5 second per piece
- Peel-off Device: configured peel-off function to avoid stick-on mesh upon printing, assure printing quality
- Automatic Vacuum Carrier Take-off (option): vacuum cup trace and scratching are not left on glass, directly transport into IR conveyor dryer to save time and labor

03 APPLICATIONS

Cover lens screen printing machine | Prototype / laboratory work | High-accuracy registration printing

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PRODUCT PAGE

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