ATMA · TAIWAN

# ATMA ATMAGP 20PPS

PRINTERS / FLATBED PRINTERS / SEMI-AUTOMATIC



OVERVIEW

Specialized in automatic centered registering high precision printing smart phone cover lens without registration mark, consideration small size and irregular shape of glass panel, conventional 4 CCD camera has registering structure limitation, developing single CCD camera to detect full area image capture to overcome difficulty of image capture registration.

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| BRAND | ATMA |
| COUNTRY | Taiwan |
| MODEL | ATMAGP 20PPS |
| SERIES | ATMAGP |
| CATEGORY | Printers |
| TYPE | Flatbed printers |
| OPERATION | Semi-automatic |

## 01 SPECIFICATIONS

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|---|---|
| Model | ATMAGP 20PPS |
| Table size | 350x350mm |
| Substrate thickness | 0.3-2.0mm |
| Max printing area | 150x200mm |
| Min printing area | 40x65mm |
| Productivity | 360P/H |
| Max frame O/D size | 400x600mm |
| Min frame O/D size | 350x500mm |
| Frame height | 20-30mm |
| Power consumption | 2KW |
| Air exhaustion | 25.2L/min |
| Machine weight | 405kg |
| Machine dimension | 1245x1050x1680mm |

## 02 FEATURES

- ☑ Registration Accuracy: screen up down driven by German gear motor to collocate with precise high lead screw rod and encoder, digitalized analogy control, screen up down fast stable and silence to attain precise positioning
- ☑ Vacuum Suction: collocated with silent vacuum generator for suction positioning, assure the substrate is not displaced while table moving or printing motion



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

- Bespoke Design: customized special table base, depending on substrate size to open grooves and capable of zero off-contact printing, fast loading and registration
- Visual Registration: equipped 3 sets of servo motor to control U-V-W three direction, use visual system judgment for automatic control amount of table displacementHigh precise transmission structure, table automatic micro-adjustment registering, repeatability registration accuracy can achieve ±5μmRegistration speed (including search registration target, alignment and examination) < 1.5 second per piece
- Peel-off Device: configured peel-off function to prevent stick-on mesh upon printing to assure printing quality
- Operator feeds the substrate by hand; the camera system compares the substrate fiducial with the actual screen position

## 03 APPLICATIONS

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

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PRODUCT PAGE



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