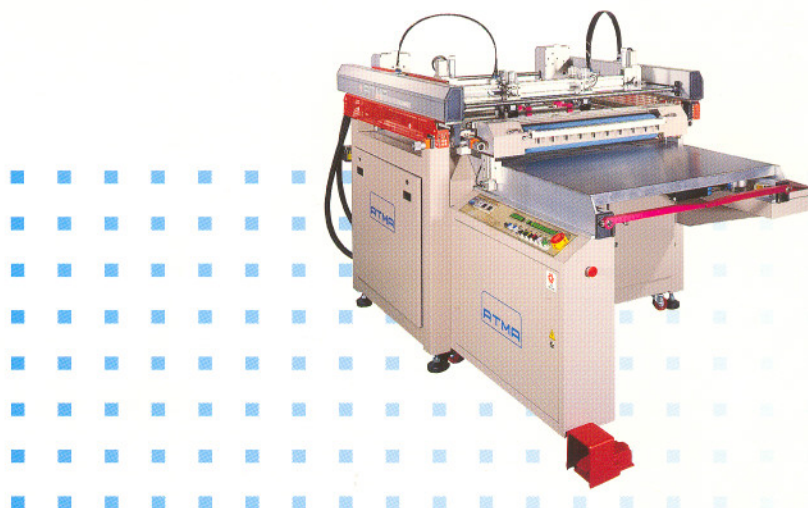


**ATMACE SERIES (G5 Version)**



**COMMIT TO TOP QUALITY**

# **FOUR-POST SCREEN PRINTERS WITH OPTIONS**



## **APPLICATION**

ATMA proud to present top-quality ATMACE series ( G5 version ) Four-Post Screen Printer for printing task on rigid and flexible materials as used in precision applications and fields.

Ex: Mylar Overlay, Name Plate, Poster, Sticker, Sign, Flexible Circuit, etc..

(/G type accepts thins, light-weighted, non-deforming flexible materials only.)

[www.ATMA.com.tw](http://www.ATMA.com.tw)



## ▶ FEATURES

- **Quality Commitment**

An ISO9001 and ISO14001 certified professional manufacturer

- **Elegant Design**

Innovative precision technology and outstanding high-performance design of fast, reactive electro-mechanical transmission system ensure 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 / air-locking system for easy setup.

- **Extreme Accuracy**

Machine consists of strong & flat printing table, high-accuracy linear rails, best drive motors and pressure equalized squeegee / flood coater system.

- **Easy Adjustments**

Squeegee/Flood Coater depth, pressure, angle, skew, level, speed and screen movement are micrometer or dial displayed to achieve optimum printing result.

- **User-Friendly Operation**

Control panel with ATMA standard symbolized drawings plus value-added functions to ensure easy operation.

- **Safety**

Adopted all protections to meet European safety requirements.

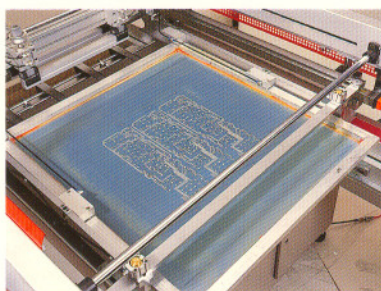
- **Gripper Take-Off (Option)**

The "G" models with an optional Gripper Take-off system integrated as 3/4-automatic model (for thin, light-weighted, non-deforming flexible materials only).

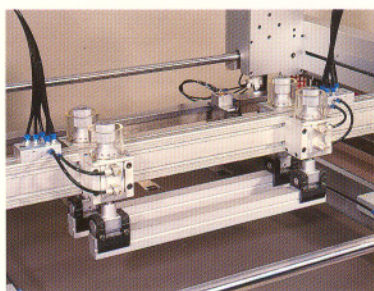
- **Additional Options**

Available with Clean Roller (67 & 710 specs only), Static Eliminator, Anti-drip Device, Registration Pins and more, as well as UV dryer to work with.

*CHANGE MAY BE MADE WITHOUT PRIOR NOTICE*



Screen insertion & holding



Print Head



Registration adjustments & locking





## FOUR-POST SCREEN PRINTER W/O TAKE-OFF

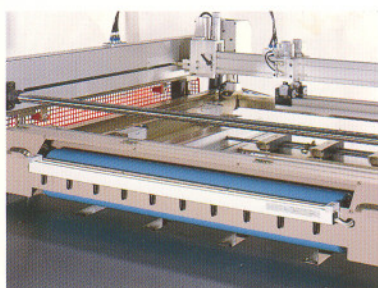
### Model (Max. Print Area, mm in.)

|           |            |                  |
|-----------|------------|------------------|
| ATMA 67   | (610x750   | 24 x 29 1/2)     |
| ATMA 710  | (770x1050  | 30 x 41 1/4)     |
| ATMA 1014 | (1070x1410 | 42 1/8 x 55 1/2) |
| ATMA 1216 | (1210x1610 | 47 5/8 x 63 5/8) |

## FOUR-POST SCREEN PRINTER WITH GRIPPER TAKE-OFF

### Model (Max. Print Area, mm in.)

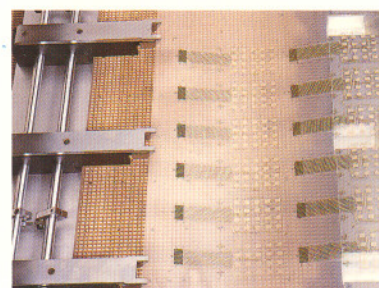
|             |            |                  |
|-------------|------------|------------------|
| ATMA 67/G   | (610x750   | 24 x 29 1/2)     |
| ATMA 710/G  | (770x1050  | 30 x 41 1/4)     |
| ATMA 1014/G | (1070x1410 | 42 1/8 x 55 1/2) |
| ATMA 1216/G | (1210x1610 | 47 5/8 x 63 5/8) |



Cleaning roller & static eliminator



UV Dryer



Gripper Take-off (/G type)



## SPECIFICATION

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

|                                             | 67, 67/G                                | 710, 710/G                               | 1014, 1014/G                              | 1216, 1216/G                              |
|---------------------------------------------|-----------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------|
| Working Table size (DxW, mm in.)            | 800x1000 31 1/2 x 39 3/8                | 950x1250 37 3/8 x 49 1/4                 | 1250x1700 49 1/4 x 67 7/8                 | 1400x2000 55 1/8 x 78 3/4                 |
| Vacuum area (DxW, mm in.)                   | 600x740 23 5/8 x 29 1/8                 | 760x1040 30 7/8 x 40 7/8                 | 1060x1400 42 3/4 x 55 1/8                 | 1200x1600 47 1/4 x 63                     |
| Max print area (DxW, mm in.)                | 610x750 24 x 29 1/2                     | 770x1050 30 x 41 1/4                     | 1070x1410 42 1/8 x 55 1/2                 | 1210x1610 47 5/8 x 63 5/8                 |
| Max. O/D frame size (DxW, mm in.)           | 1000x1050 39 3/8 x 41 1/4               | 1150x1350 45 1/4 x 53 1/8                | 1500x1800 59 x 70 7/8                     | 1700x2000 66 7/8 x 78 3/4                 |
| Frame height (mm in.)                       | 25-50 1-2                               | 25-50 1-2                                | 25-50 1-2                                 | 25-50 1-2                                 |
| Substrate thickness (mm in.)                | 0-20 0-3/4 (/G: 0-6 0-1/4)              | 0-20 0-3/4 (/G: 0-6 0-1/4)               | 0-20 0-3/4 (/G: 0-6 0-1/4)                | 0-20 0-3/4 (/G: 0-6 0-1/4)                |
| Table height (mm in.)                       | 960+40 37 3/4 +1 1/2                    | 960+40 37 3/4 +1 1/2                     | 960+40 37 3/4 +1 1/2                      | 960+40 37 3/4 +1 1/2                      |
| Conveyor height (/G, mm in.)                | 820+40 32 3/4 +1 1/2                    | 820+40 32 3/4 +1 1/2                     | 820+40 32 3/4 +1 1/2                      | 820+40 32 3/4 +1 1/2                      |
| Clearance screen ↔ table                    |                                         |                                          |                                           |                                           |
| Print level (mm in.)                        | 0-20 0-3/4                              | 0-20 0-3/4                               | 0-20 0-3/4                                | 0-20 0-3/4                                |
| Standby Level (mm in.)                      | 50 2                                    | 50 2                                     | 80 3                                      | 80 3                                      |
| Clean-up level (mm in.)                     | 350 13 3/4                              | 350 13 3/4                               | 350 13 3/4                                | 350 13 3/4                                |
| Table speed (mm in./sec.)                   | 1100 43                                 | 1300 51                                  | 1300 51                                   | 1300 51                                   |
| Print head speed (mm in./sec.)              | 90-900 3-36                             | 90-900 3-36                              | 90-900 3-36                               | 90-900 3-36                               |
| Max. capacity (P/H, full stroke)            | 1040 (/G: 860)                          | 880 (/G: 800)                            | 760 (/G: 700)                             | 710 (/G: 660)                             |
| Screen adjustment (X/Y, mm in.)             | ±10 / ±10 ±3/8 / ±3/8                   | ±10 / ±10 ±3/8 / ±3/8                    | ±10 / ±10 ±3/8 / ±3/8                     | ±10 / ±10 ±3/8 / ±3/8                     |
| Skew angle (°)                              | ±3                                      | ±2                                       | ±2                                        | ±2                                        |
| Electric Power                              | 3-phase, 220V/380V, 50/60Hz             |                                          |                                           |                                           |
| Power consumption (kw)                      | 3.4 (/G: 3.9)                           | 3.4 (/G: 3.9)                            | 5.1 (/G: 6.1)                             | 5.2 (/G: 6.1)                             |
| Input air pressure (kg/cm <sup>2</sup> PSI) | 5-6 71-85                               | 5-6 71-85                                | 5-6 71-85                                 | 5-6 71-85                                 |
| Air consumption (1 Gl/cycle)                | 4.1 1.1 (/G: 4.8 1.3)                   | 4.1 1.1 (/G: 4.8 1.3)                    | 6.4 1.7 (/G: 7.1 1.9)                     | 6.4 1.7 (/G: 7.1 1.9)                     |
| Dimension (WxDxH, cm in.)                   | 162 x 230 x 140+4<br>64 x 91 x 55+1 1/2 | 197 x 266 x 140+4<br>78 x 105 x 55+1 1/2 | 282 x 308 x 140+4<br>111 x 121 x 55+1 1/2 | 304 x 334 x 140+4<br>120 x 132 x 55+1 1/2 |
| Weight (kg lb)                              | 1050 2310<br>(/G: 1100 2420)            | 1200 2640<br>(/G: 1250 2750)             | 1400 3080<br>(/G: 1450 3190)              | 1560 3432<br>(/G: 1630 3586)              |

## SPECIFICATION OF UV DRYER MATCHING ABOVE PRINTER

|                                   | 602C                        | 1002C                    | 1002C                    | 1302C                     |
|-----------------------------------|-----------------------------|--------------------------|--------------------------|---------------------------|
| Lamp efficiency (w/cm w/in.)      | 80 200                      | 80 200                   | 80 200                   | 80 200                    |
| Q'ty of lamp (pc)                 | 2                           | 2                        | 2                        | 2                         |
| Working width (cm in.)            | 76 30                       | 121 48                   | 121 48                   | 165 65                    |
| Conveyor height (cm in.)          | 80+2.5 31 1/2 +1            | 80+2.5 31 1/2 +1         | 80+2.5 31 1/2 +1         | 80+2.5 31 1/2 +1          |
| Conveyor speed (m ft/min.)        | 5-50 8-82                   | 5-50 8-82                | 5-50 8-82                | 5-50 8-82                 |
| Conveyor length, overall (cm in.) | 245 97                      | 300 118                  | 300 118                  | 400 157                   |
| Inlet (cm in.)                    | 95 37                       | 100 39                   | 100 39                   | 200 78                    |
| UV sec. (cm in.)                  | 100 39                      | 100 39                   | 100 39                   | 100 39                    |
| Outlet (cm in.)                   | 50 20                       | 100 39                   | 100 39                   | 100 39                    |
| Electric Power                    | 3-phase, 220V/380V, 50/60Hz |                          |                          |                           |
| Power consumption (kw)            | 14.3                        | 21.5                     | 21.5                     | 28.3                      |
| Dimension (WxDxH, cm in.)         | 245x117x125<br>97x46x49     | 300x204x125<br>118x81x49 | 300x204x125<br>118x81x49 | 400x242x131<br>120x132x55 |



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