



MASCOPRINT

DEVELOPMENTS LTD

SCREEN & PAD PRINTING EQUIPMENT AND SUPPLIES

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MASCOMATIC COMPACT



Machine dimensions:	1219mm x 838mm x 701mm
Machine weight:	100kg
Print length:	Adjustable from 0 - 686mm
Print width:	Variable from 150mm to 355mm
Component thickness:	From 0 - 100mm deep
Screen frame size:	Adjustable holders for screen length up to 940mm O/D. Maximum recommended screen width 508mm O/D.
Print table size:	882mm x 457mm
Vac table drill pattern:	730mm x 355mm
Motivation:	Fully pneumatic
Air pressure required:	60psi -4kg/cm ²
Air consumption:	3 c.f.m - 1.0metre/min
Pneumatic lubrication:	Thin lubricating oil (Telus 37) One drop from end of tube every 10 - 20 cycles.
Festo rodless cylinder lubrication:	Esso Beacon No2. Grease to be lightly applied on band system once a month depending on use.

Mascoprint Developments Limited have been designing and building screen printing equipment in the UK since 1972. The Mascoprint range of screen printing presses comprises primarily of semi-automatic (hand loaded and unloaded) machinery utilised by manufacturing companies to print text and graphics on a very diverse range of flat and cylindrical products.

The MASCOMATIC COMPACT is as the name suggests a very compact semi-automatic flat bed screen printing press designed to offer the flexibility for printing a wide variety of flat surfaced products ranging from lightweight PVC sheet to 3 dimensional plastic mouldings and metal chassis. This machine can be bench mounted or fitted to a floor stand with or without lockable wheels.

Squeegee holders and flood return blades can be supplied in various widths from 152.4mm (6") to 355.6mm (14"). The print start and stop position is fully adjustable and an absolute maximum print area of 686mm (27") x 355mm (14") can be achieved.

The MASCOMATIC COMPACT is fully pneumatic in operation and therefore virtually maintenance free. The print head lifts and lowers the screen parallel with the print bed to avoid any displacement of ink as products are loaded and unloaded onto the print bed.

The print cycle is activated by a two-button start, which must remain depressed until the head is lowered and locked down into the print position. All print settings are mechanically adjusted, primarily with quick release (hand turned) fittings to minimise the need for special tools and aid rapid set up and change over from one job to another.

The machine controls are all very simple to understand and operate and basically comprise as follows:

- Air flow regulated speed controls
- Setting / Production switch to isolate machine for mechanical adjustments.
- 2 position switch to enable UV or conventional screen printing cycle.

The print bed has the option of being a honeycomb vacuum table or solid aluminium plate with an overall dimension of 882mm (34.75") x 457mm (18"). Fine detail print bed adjustment is fitted as standard.

The vacuum table has a drill pattern area of 730mm (28.75") x 355mm (14"). Vacuum suction is achieved via an external pump and connecting hose. The vacuum is engaged as the print head lowers to the table and disengages as the print head raises.

The MASCOMATIC COMPACT can utilise various sizes of screen frames with outside dimensions up to 940mm (37") x 500mm (20").