

**MASCOPRINT**  
DEVELOPMENTS LTD

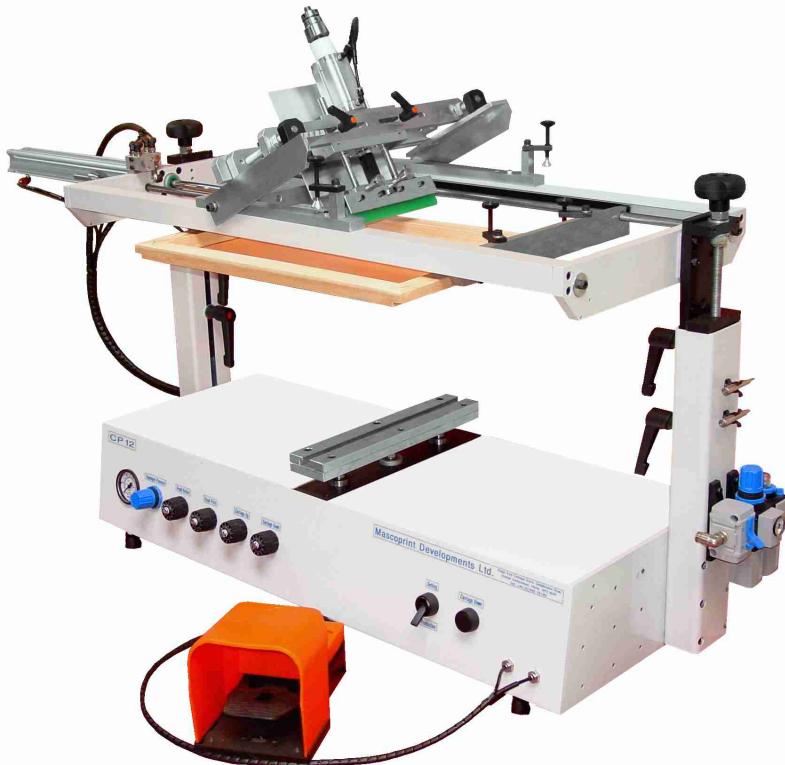
SCREEN & PAD PRINTING EQUIPMENT AND SUPPLIES

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## CP12 SCREEN PRINTING MACHINE



### Specification

Machine dimensions:	1346 x 381 x 597mm
Machine weight:	52kg
Print length:	254mm
Print width:	203mm
Screen frame size:	432 x 300mm, 419 x 305mm, 419 x 241mm, 368 x 305mm, 368 x 241 mm, 254 x 184mm
Motivation:	Fully pneumatic.
Air pressure required:	60psi - 4kg/cm <sup>2</sup>
Air consumption:	3 c.f.m - 1.0 metre/min
Pneumatic lubrication:	Thin lubricating oil (Telus 37) One drop from end of tube every 10 - 20 cycles.

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 and contract printing companies to print text and graphics on a very diverse range of flat, cylindrical, oval and conical products.

The MASCOPRINT CP12 screen printing press offers a very versatile solution for printing onto virtually any type of cylindrical, oval, conical or 3 dimensional flat surfaced component.

The flexibility of the machine is achieved with the use of interchangeable tooling fixtures (purchased separately). Most tooling fixtures supplied require some degree of customisation to suit each product shape and design. Tooling fixtures are essential to secure the printed part on the machine and in some cases to register the print position for 2nd or subsequent print passes to be applied.

Tooling fixtures are attached to the CP12 lift table, which then raises the product parallel with the underside of the stencilled printing screen. The machine is supplied as standard with the squeegee and screen movement configured for cylindrical printing, however a head conversion kit can be supplied separately to enable conversion to print onto flat surfaces. Please note, this machine is not generally considered suitable for printing flat sheet material.

Squeegee holders and flood return blades can be supplied in various widths from 102mm (4") to 203mm (8"). The print start and stop position is fully adjustable and an absolute maximum print area of 254mm (10") x 203mm (8") can be achieved.

The Mascoprint CP12 is fully pneumatic in operation and therefore virtually maintenance free. The machine cycle is foot pedal activated and all settings and controls are very simple to understand and operate and basically comprise as follows:

- Airflow regulated speed controls.
- Air regulated squeegee pressure
- Setting/Production switch to isolate machine for mechanical adjustments.



Screen Printing Association



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