

The Marathon has been especially designed for thin, flexible materials that are to be printed in large batches with a high print quality. Low-drag and high-speed capabilities are combined for wide application printing from lotteries to spot varnishing and clear coating of offset-printed stock.



The angle access system of the Marathon is the first low cost answer to cleaning and inspection of the screen and cylinder without affecting the register, while increasing overall productivity on the press. The Marathon is a swing-back-cylinder press that works with a counter-pressure surface formed like a sector of a cylinder and with an accurate register control.

#### **Standard equipment:**

- Integrated PLC control system.
- Simple and logical operating panel.
- Angle access print head lifting.
- Anodised aluminum vacuum surface.
- Integrated combination stream/single sheet back separation feeder.

- Mechanical double sheet detector for material thicker than 0.1 mm.
- Last sheet detector optronics.
- Left and right hand side pull registers.
- Air blowback in the cylinder.

#### **Options:**

- Push type side registers for rigid materials.
- Detector for unparallelled feeding.
- Off-contact adjustment.
- Electronic double sheet detector.

**Marathon**  
**Model 500x750/870x1270**

<b>Model code</b>		<b>500x750</b>	<b>740x1020</b>	<b>870x1270</b>
Max. printing size	mm	500x750	740x1020	870x1270
Max. material size	mm	520x750	760x1020	890x1270
Min. material size	mm	300x350	400x500	400x500
Max. material thickness	mm	1	1	1
Max. frame size	mm	1100x1190	1200x1390	1350x1590
Max frame profile	mm	50	50	50
Fine register adjustment	mm	±15	±15	±15
Gripper margin	mm	6	6	6
Squeegee angle adjustment	°	65-80	65-80	65-80
Squeegee & flood coater vertical adjustment	mm	45	45	45
Max. mechanical cycle speed*	CPH	3600	3000	2000
Machine net weight	kg	1940	2260	2680
Current rating, at 380V/50Hz**	kW, A	6, 20	7.5, 20	11, 30
Air connection	bar	6	6	6

\* Cycles Per Hour (CPH) without feeding time at max stroke length for max printing format.

Actual printing speeds vary depending on, the type of material and thickness, type of print job, and way of feeding.

\*\* Different voltage and frequency are available.

*Please note:*

*Svecia's policy is one of continuous improvement and accordingly the manufacturer reserves the right to change specifications without prior notice.*

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