

paper field

semiautomatic screen printing machine

ECO MATIC 819



Description

The screen printing machine model **ECO MATIC 819** has been designed and built to print rigid and flexible sheets.

Automatic system for ink's salvage New

Usually, when the ink comes out from the frame's inkpot, it is necessary to insert it again in the inkpot by using a spatula to avoid wasting a big quantity of ink.

The automatic system for ink's salvage has been designed and built to solve this problem.

In fact, you have just to set up on the control panel's counter the number of the printing cycles and, when the system reaches this value, it automatically goes into action and salvages the ink gone out from the frame's inkpot.

Technical data	36 x 51	51 x 76	71 x 106	81 x 131	101 x 141
<i>Printable materials:</i>	rigid and flexible sheets as paper, card board, PVC, polyester, polycarbonate, plastic, Plexiglas, metal, wood, glass, etc.				
<i>Max printing size¹:</i>	360 x 510 mm	510 x 760 mm	710 x 1060 mm	810 x 1310 mm	1010 x 1410 mm
<i>Min material thickness:</i>	paper from 80 g/m ²				
<i>Max material thickness:</i>	25 mm				
<i>Max cycles per hour²:</i>	900	800	700	600	500
<i>Electrical supply³:</i>	400 V 3-phases + neutral, 50÷60 Hz				
<i>Installed power:</i>	1.5 kW	1.5 kW	2 kW	2 kW	4.1 kW
<i>Protection range:</i>	IP44				
<i>Working pressure⁴:</i>	6÷7 bar				
<i>Overall dimensions:</i>	1100 mm x 1100 mm x 1300 mm	1250 mm x 1300 mm x 1300 mm	1550 mm x 1500 mm x 1300 mm	1850 mm x 1700 mm x 1500 mm	1900 mm x 1800 mm x 1500 mm
<i>Printing table height:</i>	adjustable 950÷1100 mm				
<i>Net weight:</i>	250 Kg	350 Kg	400 Kg	450 Kg	500 Kg
<i>Usable frames:</i>	wooden and metallic frames				
<i>Frames thickness range:</i>	up to 40 mm				
<i>Usable inks:</i>	all traditional, ceramic and UV screen printing inks				

[1] Any other printing size available on request.

[2] Given values without considering the material's loading/unloading time.

[3] Any other three-phases electrical supply available on request.

[4] The compressor is not included.

In order to improve the quality of the product, the Mismatic company is allowed to effect modifications in the manufacturing without any obligation to notify the same to the Customer.



*semiautomatic screen printing machine model **ECO MATIC 819 +**
automatic off-feeder model **LVF 819 +**
one lamp UV dryer model **MINI UV DRYER***

Standard features

- ❖ **Material's loading and unloading:** manual
- ❖ **Material's setting on the printing table:** against 3 automatic rollaway stops **New**
- ❖ **Printing head's opening:** as a book
- ❖ **Printing head's height from printing table during frame's cleaning operation:** 450 mm
- ❖ **[] frame holder:** adjustable; possibility to adapt different sized frames
- ❖ **Frame's insertion/extraction:** front side
- ❖ **Frame's block/unblock:** automatic **New**
- ❖ **Squeegee and scraper's independent speeds**
- ❖ **Squeegee and scraper's speeds:** adjustable by control panel
- ❖ **Squeegee and scraper's pressures:** adjustable
- ❖ **Squeegee and scraper's slopes:** adjustable
- ❖ **Screen printing length:** adjustable by micro switches
- ❖ **Automatic system for ink's salvage** **New**
- ❖ **Off contact distance:** automatic synchroprint adjustable from 0 mm to 20÷30 mm
- ❖ **Drilled INOX steel printing table**
- ❖ **Vacuum printing table**
- ❖ **Printing table's micrometric adjustment:** by X-Y axes
- ❖ **Control panel on board**
- ❖ **Three working cycles:** manual, single and automatic with timer

The machine will be equipped with

- #1 squeegee
- #1 scraper
- #1 pedal to start the printing cycle

The machine can be equipped with

- the automatic off-feeder model LVF 819
- the one lamp UV dryer model MINI UV DRYER



☞ automatic off-feeder
model **LVF 819**

UV dryer ☞
model **MINI UV DRYER**

