

textile field

carousel automatic screen printing machine

NEW JOLLY MATIC



The affordable compact machine!

The screen printing machine model **NEW JOLLY MATIC** has been designed and built to print pre-cut and made fabrics.

Thanks to its **compact dimensions**, **excellent production per hour** and **moderate price**, this is the best choice for all the printers who need to print medium productions daily but do not want to buy cumbersome and expensive machines.

The no-bulky automatic machine!

All the automatic machines you can find in the market have a big disadvantage: they are so bulky. **NEW JOLLY MATIC**, instead, has been completely redesigned in order to reduce its amount of space. The machine has a **diameter of only 3000 mm** (ver. 40 x 60) **and 3200 mm** (ver. 50 x 70).

Installation? Plug and print!

The machine is a monobloc.

For the installation you have only to **place its printing tables and plug in**. That's all!

You can start printing a few minutes after its arrival at the company.

High accuracy and repeatability of prints

The **rotary index table** controls the rotation of the tables and centres them under the printing heads; moreover, the **centring system** (one for every colour) aligns perfectly the table with the frame. So, we have two systems that offset and mutually improve each other, ensuring a high accuracy and repeatability of prints.

Independent printing units

Every colour is independent, that is, it can be activated, regulated and controlled as an independent printing unit. For example, you can adjust:

- the distance of the frame-holders in order to use screens of any size;
- the printing length;
- both the speed of the squeegee and broad-knife.

These are only some examples of the multiple systems installed on the machinery.

Moreover, every printing unit is equipped with a **lift system with double length**: the short length is used during printing, making the machine very fast; instead, the long one is for the cleaning of the frame, making this operation very easy for the user.

Every colour has a **sub control panel**, so you have always on hand the essential controls.

Numerous possibilities of print

NEW JOLLY MATIC offers a lot of opportunities to the screen printers, for example:

1. printing with squeegee lowered, raised back;
2. printing and back with squeegee/broad-knife lowered: it is very useful when you need bright colours on dark garments.

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 only 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.

System of intermediate stop between colours (optional) New

The printing tables of the machine can work in two different ways:

1. The tables move always between a colour and the next one.
2. The tables stop in an intermediate position between the colours after every print.

This second possibility let the user add some curing systems (not included).

Moreover, thanks to this system we reduced the amount of space of the machine because **it needs less printing tables**.

Control panels

The machine is equipped with a **main control panel** that allows a quick and easy access to all commands, moreover, with a **sub control panel** for every printing unit.

Technical data	40 x 60	50 x 70
<i>Printable materials:</i>	pre-cut and made fabrics as t-shirts, sweatshirts, shirts, slacks, socks, handkerchiefs, bandanas, pillows, bags and textile promotional articles, etc.	
<i>Printing units:</i>	4	
<i>Printing tables:</i>	6	
<i>Max printing size:</i>	400 mm x 600 mm	500 mm x 700 mm
<i>Max cycles/hour¹:</i>	700	600
<i>Electrical supply²:</i>	400 V 3-phase + neutral, 50 Hz	
<i>Installed power:</i>	2.4 kW	
<i>Working pressure³:</i>	6÷7 bar	
<i>Overall dimensions:</i>	Ø 3000 mm	Ø 3200 mm
<i>Usable frames:</i>	wooden or metallic frames	
<i>Frame thickness range:</i>	up to 30 mm	
<i>Usable inks:</i>	traditional screen printing inks	

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

[2] Any other three-phase electrical supply available on request.

[3] 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.

Standard features

- ❖ [] **frame holder**: adjustable; possibility to adapt different sized frames (only for ver. 50 x 70)
- ❖ **Frame's insertion/extraction**: printing unit's lateral side
- ❖ **Frame's block/unblock**: by knobs
- ❖ **Independent printing units**
- ❖ **Printing heads opening as a book**
- ❖ **Printing heads height from printing tables during frame's cleaning operation**: 350 mm
- ❖ **Independent speeds for squeegee and broad-knife**
- ❖ **Speed of squeegee and broad-knife**: adjustable by control panel
- ❖ **Squeegee and broad-knife's pressures**: adjustable
- ❖ **Squeegee and broad-knife's slopes**: adjustable
- ❖ **Independent adjustment of the printing length for every printing unit**
- ❖ **Printing length**: adjustable by micro-switches
- ❖ **Automatic system for ink's salvage** **New**
- ❖ **Double centring system to guarantee an high printing precision and repeatability** (patented)
- ❖ **Frame's micrometric adjustment**: by X-Y axes
- ❖ **Main control panel**
- ❖ **A sub control panel for every printing unit**
- ❖ **Three working cycles**: manual, single and automatic with timer

Optional features

- ❖ **System of intermediate stop between colours** **New**

The machine will be equipped with

- #1 sets of printing tables
- #1 set of squeegees
- #1 set of broad-knives
- #1 pedal to start the printing cycle

The machine can be equipped with

- Infrared and hot air dryer model **370/75**
- Infrared and hot air cure system model **FLASH**



☺ *IR and hot air dryer
model 370/75*

*IR and hot air cure system ☺
model FLASH*

