

textile field

infrared and hot air cure system

## FLASH



*back side*



*lateral side*

### **Description**

The infrared and hot air cure system model **FLASH** has been designed and built with the aim to give a “dry as dust” drying to all pre-cut and made textiles printed with oval and carousel screen printing machines (manual and automatic).

The cure system is equipped with four revolving wheels in order it can be easily moved.

### **What does “flash system” mean?**

The infrared (IR) lamps immediately switch on when the screen-printed item goes under the hood, and they switch off as soon as the drying time – set by the user – comes to its conclusion. That is, unlike the dryers, the lamps do not always work, but they switch on only when necessary.

**The flash system allows a big energetic and economic savings.**

### **The fastest cure system worldwide!**

**FLASH** is a cure system able to give a “dry as dust” drying in only three or four seconds, both using water based and plastic (Plastisol) inks.

That is, not only this cure system is the fastest ever made, but also there is not any need to install aluminium tables on your printing machines.

In fact, due to the short-lasting exposure to the infrared rays, the tables cannot become hot, so **you can use any standard wooden printing table.**

Technical data	FLASH
Dryable items:	pre-cut and made textiles as t-shirts, sweatshirts, shirts, slacks, socks, handkerchiefs, bandanas, pillows, bags and textile promotional articles, etc.
Dryable inks:	all the traditional inks, especially water-based and plastic (Plastisol) inks
Max flashed size:	<b>550 mm x 750 mm</b>
Lamps typology:	quartz infrared
Lamps quantity:	6
Lamps power:	1300 W each one
Electrical supply <sup>1</sup> :	400 V 3-phase + neutral, 50 Hz or 220 V 1-phase, 50 Hz
Installed power:	7.9 kW
Power absorption:	start: <b>5.32 kW</b> standard working: <b>4.37 kW</b>
Net weight:	54 Kg
Overall dimensions:	1400 mm x 530 mm x 1400 mm

[1] Any other three-phase or one-phase electrical supply available on request.

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

- ❖ **This cure system can be installed both on oval and carousel screen printing machines (manual and automatic):** the system is equipped with a micro-switch to be installed under one of the machine's printing tables
- ❖ **Hood's height:** adjustable
- ❖ **Lengthwise position of the hood:** adjustable
- ❖ **Flash system**
- ❖ **Flashing time:** adjustable by control panel setting a timer
- ❖ **Multi-scale timer:** you can choose between four different scales (1s / 10s / 1m / 10m)
- ❖ **The cure system is equipped with four revolving wheels**
- ❖ **Control panel on board**

### The cure system can be installed on

- any manual screen printing machine
- any automatic screen printing machine



☞ e.g. manual carousel screen printing machine model **MMC6**

e.g. automatic carousel ☞ screen printing machine model **REVOLUTION**

