

CONVEYOR Dryer Units

Post Treatment

While many inks dry to the touch in seconds, their hard cure time can be as long as 48 hours. When you need to print, pack and ship your products the same day, sending the part through a conveyor dryer will speed up your production process.

There are three units available with multiple drying capabilities:

- ▶ The **DP1000** is an efficient curing dryer which uses a combination of electric radiant heat and air.
- ▶ The **MT3** and **MT6** are infrared systems for drying all types of inks on pad and/or silk screen printed surfaces.

Features of the DP1000

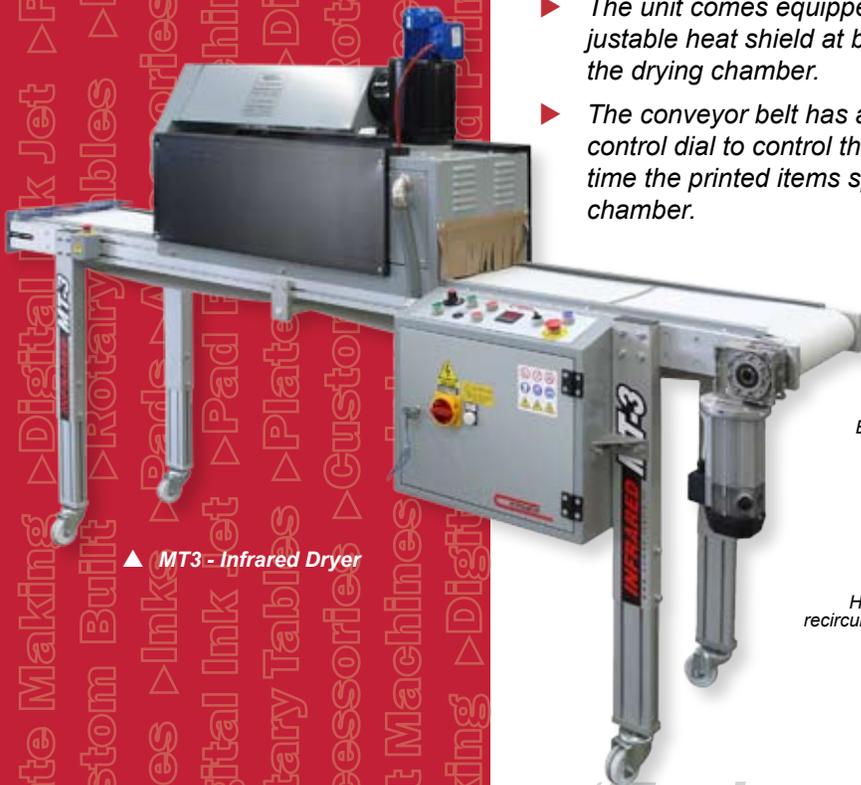
- ▶ Allows for immediate handling of parts after printing.
- ▶ The adjustable temperature of the heating element reaches 700°F, and at belt level the temperature is approximately 300°F.
- ▶ The element has a height adjustable feature and can be lowered to increase the surface temperature of the printed part to more than 300°F.
- ▶ The unit comes equipped with adjustable heat shield at both ends of the drying chamber.
- ▶ The conveyor belt has a speed control dial to control the amount of time the printed items spends in the chamber.

Features of the MT3 / MT6

- ▶ MT ovens are built dry pad or silkscreen printed surfaces.
- ▶ The MT3 / MT6 dryers use both infrared rays and ventilated air (both together or separately).
- ▶ The oven temperature is controlled by a thermoregulator and variable conveyor belt.
- ▶ The ovens are mounted on telescoping wheels for convenient positioning in your production area.
- ▶ Optional cold air tunnel is available on the MT6 unit.



▶ DP1000 Post-Print Drying and Curing



▶ MT3 - Infrared Dryer

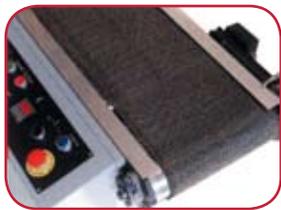
Control panel for MT3 & MT6



“Engineered Printing Solutions”

DP1000 / MT3 / MT6 SPECIFICATIONS

Belt Options for MT3 & MT6



Steel mesh



Heat Resistant Teflon



Steel Plates



▲ **MT6 - Infrared Dryer**
Shown with optional cold air hood

Specifications

	DP1000	MT3	MT6
Power	110v / 17 or 220v / 9 Amps	380v / 220v 3PH	380v / 220v 3PH
Belt temperature	from 80 ° to 100° C	from 20° to 180° C	from 20° to 180° C
Radiant panels power	1800W	5200W	11700W
Belt dimension	330 x 1100mm	300 x 2200mm	600 x 3450mm
No. of lamps / Elements	1	8	18
Motor speed	0-20m/min	from 0 to 18m/min	from 0 to 18m/min
Weight	36kg	135kg	260kg
Width	457mm	750mm	1050mm
Length	102mm	2250mm	3460mm
Belt height	825mm	min 1425mm max 1595mm	min 1652mm max 1725mm
Entrance height	25 - 175mm	130mm	220mm
Hood length	965mm	1040mm	1540mm
Cold air hood length (optional)	N/A	N/A	500mm*

Machine specifications are subject to change without notice.



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