

# INFRA RED DRYER



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GRAFICA's Infra Red Dryer is designed for high speed production for plastisol, water, solvent based inks, and two pack inks used in printed nameplate and metal decorating industries. The dryers are rugged having solid steel construction with double wall filled with fiberglass all around the oven section. No other infrared drying system offers this remarkable combination of performance control and safety features. Teflon coated conveyor belt for long life and stability. High quality infrared element, which provides consistent temperature throughout the surface. Electronic temperature controller with centrally located sensor, which also indicates oven temperature. Powerful vacuum hold down system throughout the oven, which also helps to remove nauseous fumes. We also offer pure infra red with no air circulation system, designed for applications where higher temperatures, cross linking of two pack inks is required, with little solvent evaporation. On request, we can design the machine for drying objects/substrates having various thickness/height.

## STANDARD FEATURES:

- Solid steel with double wall construction filled with fiberglass. Outer body always remains cool to touch
- Teflon coated conveyor belt
- Maximum energy and curing efficiency
- Accurate and durable controls
- Powerful vacuum hold down cum exhaust system to remove nauseous fumes
- AC motor with AC variable frequency drive for conveyor speed control with digital readout of belt speed
- Compact design
- Electronic temperature controller with digital display
- Re circulated hot air

## TECHNICAL DATA:

	GF-24 IR	GF-30 IR	GF-40 IR	GF-50 IR
<b>Max. Conveyor Width</b>	27"	32"	44.5"	52"
<b>Max. Conveyor Speed</b>	50 Mt/Min	50 Mt/Min	50 Mt/Min	50 Mt/Min
<b>Variable Temp. *</b>	Ambient Temp ~ 120°C	Ambient Temp ~ 120°C	Ambient Temp ~ 120°C	Ambient Temp ~ 120°C
<b>Power Supply</b>	440 V AC / 50 Amps / 3 PH / 50 Hz	440 V AC / 63 Amps / 3 PH / 50 Hz	440 V AC / 100 Amps / 3 PH / 50 Hz	440 V AC / 100 Amps / 3 PH / 50 Hz
<b>Power Consumption</b>				
· Heater	14.2 kW / 19.0 Hp	18 kW / 24 Hp	24.0 kW / 32.0 Hp	30.0 kW / 40.0 Hp
· Re-circulating Motors & Conveyor	2.2 kW / 3.0 Hp	3.0 kW / 4.0 Hp	3.0 kW / 4.0 Hp	4.0 kW / 5.5 Hp
<b>Overall Dimensions</b>	13.0' (L) X 4.0' (D) X 4.0' (H)	13.0' (L) X 4.5' (D) X 4.0' (H)	13.0' (L) X 5.6' (D) X 4.0' (H)	17.2' (L) X 6.6' (D) X 4.0' (H)

\* IR Dryers for Textile applications, temperature will be from Ambient Temp - 200°C & Max. Conveyor Speed will be up to 15 Mt / Min.

Technical data subject to change without notice  
We accept any custom sized orders

## GRAFICA FLEXTRONICA

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