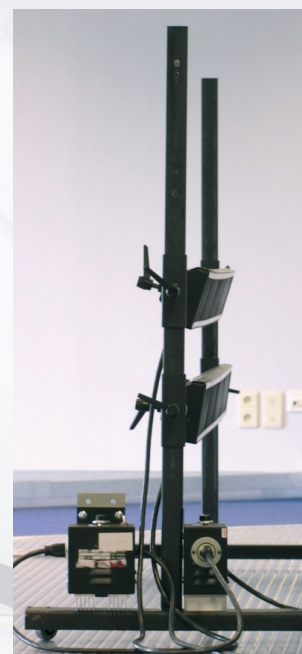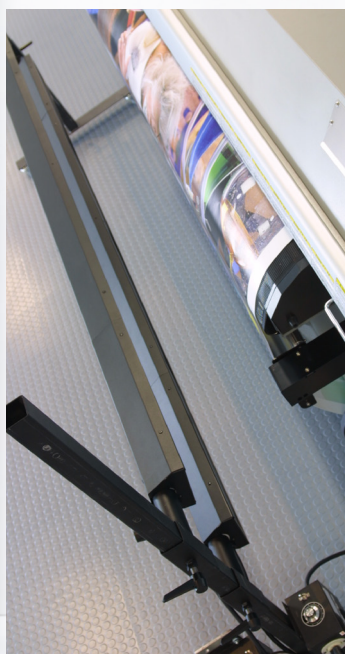# MUTOH's Infra Red Dryers

Optional Infra Red Dryer for Mutoh Solvent & Direct Textile Printers

When using an unwinding / winding system in combination with slow drying media, applying a lot of ink and/or when printing at high speed, Mutoh's infra red dryer will immediately dry your printed media before it is being rolled up.

The infra red heating element will dry the output uniformly across the entire width, without air circulation. Ink will dry faster without losing colour gamut, improving your overall productivity.

Mutoh's infra red dryer is available in a width of 64 inch (1625 mm) (maximum 5.4 A), 72 inch (1835 mm) (maximum 6.1 A), 90 inch (2286 mm) (maximum 7.7 A) or 108 inch (2750 mm) (maximum 9.1 A). The system consists of a stand with casters onto which a heating element is mounted. Brackets secure the distance between the heater and the media. For high-speed production printers, mounting of a second heater onto the stand is made possible. If necessary, the stand can be tilted (7.6°) to ensure that both heaters are at the same distance towards the media.

Optional Infra Red Dryer for Mutoh Solvent & Direct Textile Printers

Typical infra red dryer setup:

	HEAT-STAND	HEAT64	HEAT72	HEAT90	HEAT108	HEAT-TUBE*
ValueJet 1614	1	1				
Rockhopper 3 / Spitfire Extreme 65	1	1				
Rockhopper 3 / Spitfire Extreme 90	1			1		
Blizzard 65	1	2				
Blizzard 90	1			2		
Spitfire 100 Extreme	1				2	
Osprey 75	1		2			
Osprey 102	1				2	
Osprey 130	1	4				2
Viper TX 65	1	1				
Viper TX 90	1			1		
Viper TX 65 Extreme	1	1				
Viper TX 90 Extreme	1			1		
Viper TX 100	1				1	

* : HEAT-TUBE required to connect 2 x 64" heater elements

Typical situations where Mutoh's infra red dryers can be considered:

For Mutoh solvent printers:

- Printing onto slowly drying media.
- Applying high ink loads and/or printing at high speeds (> 19 m²/h).
- Reducing the evaporation time of solvent inks, as typically recommended by media manufacturers.

For Mutoh textile printers:

- For all Viper TX 65/90 (Extreme) printer models Mutoh recommends 1 external infra red heater, since these machines have no integrated heater.
- Printing onto transfer paper with dye sublimation ink does not require an additional external infra red heater, since the required heaters are already integrated into the Viper & Viper Extreme printers. This also includes the Viper TX 100 in paper printing set-up.
- For direct printing onto flag fabrics, the Viper TX 100 requires 1 external infra red dryer.