Sprint® 3000 DHZ

Gas Screen Printing Conveyor Dryer with Dual Heat Zones

M&R's Sprint 3000 series dryers are known throughout the industry for efficiency, consistency, and value. The Sprint 3000 DHZ (patents pending) expands on that heritage with dual heat zones and belts that can operate separately or function together as one large dryer, there is simply no other dryer like it.

Production planning no longer needs to be dictated by traditional multiple-press, single-dryer scenarios. With Sprint 3000 DHZ, operators simply change the side that requires different settings and run their jobs!

The easy-to-navigate, icon-based touchscreen gives operators complete control of temperatures, belt speeds, and belt directions. Job Recall™ makes it easy to load stored ink and substrate settings to help ensure the proper cure every time.

FEATURES

- Heat chambers can be set at the same or different temperatures, and belts can be run in the same or opposite directions at different speeds
- Can be converted on the fly from a single chamber into dual 91cm (36") independent heat chambers
- Functions flawlessly as a full-width split-belt 183cm (72") single-chamber gas dryer
- The large touchscreen simplifies dryer operations
- Job Recall™ allows operators to save settings for quick and easy recall

Find more information and where to buy at: www.mrprint.com

Sprint® 3000 DHZ

Useful Versatility - On the Fly Adaptability - Production Efficiency!

A tethered ink-temperature probe with graphic display gives operators peace of mind in knowing that whatever ink/substrate combination is being run, it is meeting the manufacturer's recommended cure settings.

Ink-Temperature Probe

Dual Belt Shirt Load

Single Belt Shirt Load

More Curing Solutions!

By running different retention times and temperatures, the Sprint 3000 DHZ allows curing of plastisols on one belt and waterbase or digital inks the other belt. And Job-Recall™ with user-defined recipes allows operators to save settings for quick and easy recall.

SPRINT 3000 DHZ SPECIFICATIONS			
Belt Widths	91.5 cm (36") x 2 = 183cm (72")	**Gas Input Size**	2.54 cm (1")
Burner Input Maximums[3]	300,000 Btu	**Heat Chamber Length**	244 – 610+ cm (8' – 20+)
Electrical Requirements[2]	208/230 V, 3 ph, 39/38 A, 50/60 Hz, 8.3 kW 380/415 V, 3 ph, 26 A, 50 Hz, 8.3 kW	**Heat Chamber Width**	221 cm (87")
Electrical Requirements for 61cm (24") Optional Radiant Section	208/230 V, 3 ph, 26/25 A, 50/60 Hz, 7.4 kW 380/415 V, 3 ph, 12/13 A, 50 Hz, 7.4 kW	**LP/Natural Gas Input Pressure**	.93 mm Hg (5" w.c.)
Exhaust Blower Size	30 cm (12")	**Overall Length**	732-1524+ cm (24'-50+')
Exhaust System Capacity @ 6mm (1/4") Static pressure[2]	50 970 l/min (1800cfm)	**Shipping Weight[4]**	2177 kg (4800 lb)
Expansion Heat Modules	61 cm (24")	**Standard Infeed/Outfeed length**	244 cm (96") / 244 cm (96")

[1] If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact M&R Printing Equipment, Inc. for details.
[2] Measured at the Exhaust Discharge Port
[3] Normal usage varies, but is significantly lower than the stated maximum
[4] Weight applies to models with a 244 cm (96") heat/expansion chamber

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