

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 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 ¹	300,000 Btu	Heat Chamber Length	244 – 610+ cm (8' – 20+)
Electrical Requirements ²	208/230V, 3ph, 39/38A, 50/60 Hz, 8.3kW 380/415V, 3ph, 13A, 50Hz, 7.4kW	Heat Chamber Width	221 cm (87")
Electrical Requirements for 61cm (24") Optional Radiant Section	208/230V, 3ph, 39/38A, 50/60 Hz, 8.3kW 380/415V, 3ph, 13A, 50Hz, 7.4kW	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 ³	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 the M&R Companies 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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