HiVE™

M&R

Electric Screen Printing Conveyor Dryer

STINGER™ SERIES

The M&R STINGER™ Series delivers exceptional efficiency without compromising quality at an affordable price. Proudly manufactured in Roselle, Illinois, it offers a cost-effective solution for businesses that demand reliability and performance. Designed with precision engineering, it combines durability, productivity, and value—making it the smart choice for operations that want premium results.

The M&R HIVE™ is available in these configurations:			
36", 48" and 60" belt widths • Modular 6' and 10' heat chambers • Customizable infeed/outfeed in 1' increments			
All M&R HIVE presses come standard with these features:			
Patriot Belt™	SureTrak™ roller system	CoolSkin™ technology	User-friendly HMI
Easy to access filters	2.5' infeed / 2' outfeed	Cool down mode	5-year warranty

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

All-Electric Dryer • Patriot Belt™ w/SureTrak™ • 5-Year Warranty

User-friendly touchscreen HMI

Precise Patriot Belt™ with SureTrak™

The HIVE™ is the first release of an M&R dryer in the STINGER™ series of garment decoration products. The HIVE is an electric dryer with a dual curing system. Curing is provided by an infrared radiant panel array and forced hot air. Separate dedicated blowers power circulation and exhaust. The control panel allows easy monitoring and adjustment of operational status, temperature, and belt speed settings. Process temperatures and set temperatures are controlled digitally. PID control responds to ambient temperature changes by keeping dryer chamber heat within 1° of target temperature at the thermocouple.

The HIVE's reliable, heavy-duty, variable-frequency AC-drive motor powers M&R's Teflon-coated fiberglass Patriot Belt™ with the SureTrak™ roller system. The red silicone guide stitched along one edge of the Patriot Belt™ rides in grooves machined into the large anodized aluminum SureTrak™ rollers, keeping the belt where it belongs. It's the most precise dryer belt tracking available (U.S. Patent Pending).

SPECIFICATIONS	HIVE 36/6-4	HIVE 36/10-6	HIVE 48/10-6	HIVE 60/10-6
Belt Width	91 cm (36")	91 cm (36")	122 cm (48")	152 cm (60")
Electrical Requirements[1]	208/230 VAC, 1/3 ph, 81/48 A, 50/60 Hz, 19 kW	208/230 VAC, 3 ph, 71/78 A, 50/60 Hz, 23.4 kW	208/230 VAC, 3 ph, 93/103 A, 50/60 Hz, 32 kW	208/230 VAC, 3 ph, 112/123 A, 50/60 Hz, 38.8 kW
Exhaust Blower System[2,3]	12 cm (5"): 14 017 l/min (495 cfm) @ 3 mm (1/8")	30 cm (12"): 50970 l/min (1500 cfm) @ 6 mm (1/4")	30 cm (12"): 50970 l/min (1500 cfm) @ 6 mm (1/4")	30 cm (12"): 50970 l/min (1500 cfm) @ 6 mm (1/4")
Heat Chamber Length	183 cm (6')	305 cm (10')	305 cm (10')	305 cm (10')
Overall Length	305 cm (10')	610 cm (20')	610 cm (20')	610 cm (20')
Overall Width	127 cm (50")	127 cm (50")	158 cm (62")	158 cm (62")
Radiant Panels	4	6	6	6
Shipping Weight	817 kg (1800 lb)	1112 kg (2450 lb)	1293 kg (2851 lb)	1497 kg (3300 lb)
Standard Infeed Length	76 cm (30")	107 cm (42")	107 cm (42")	107 cm (42")
Standard Outfeed Length	61 cm (24")	76 cm (30")	76 cm (30")	76 cm (30")

[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] Static pressure.

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