

Automatic Screen Printing Press



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 HORNET is available in these configurations:

Maximum Image Size: 16" x 18" Stations/Colors: 10/8, 12/10 and 14/12	Maximum Image Size: 20" x 20" Stations/Colors: 10/8, 12/10 and 14/12
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All M&R HORNET presses come standard with these features:

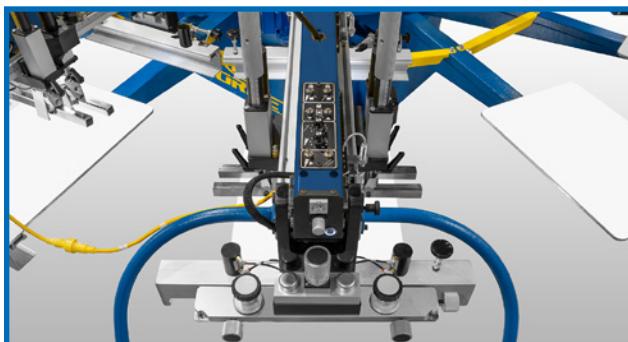
Integrated MPR	7.5" HMI	Tool-free squeegee & floodbar angle adjustment	Squeegee pressure regulator
Print speed: 85 dozen/hour	Squeegee & floodbar airlock	Front-flip screen holder manual/pneumatic locks	Rear micro registration
5-year warranty	Screen airlock	Analog squeegee & floodbar speed adjustment	Squeegee & floodbar park

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

Smooth, Quiet Operation • Integrated MPR • 5-Year Warranty



The HORNET is equipped with a 7.5-inch high-resolution touchscreen designed for fast learning and intuitive operation. A clean, modern icon system guides operators through setup and daily use with minimal training required. Integrated, multi-language tutorial screens provide step-by-step guidance directly on the display, eliminating the need to reference external manuals. This built-in intelligence streamlines onboarding and helps operators get up to speed quickly and confidently.



Controls on each pallet arm feature M&R's classic toggle-based inputs for easy access. All HORNET presses come standard with front-flip screen holder manual/pneumatic locks, tool-free squeegee and floodbar angle adjustments, screen, squeegee and floodbar airlocks, and rear micro registration for more accurate screen printing adjustments.

SPECIFICATIONS	HORNET 1618 10/8	HORNET 1618 12/10	HORNET 1618 14/12	HORNET 2020 10/8	HORNET 2020 12/10	HORNET 2020 14/12
Air @ 6,9 bar (100 PSI)	227 l/min (8 cfm)	283 l/min (10 cfm)	340 l/min (12 cfm)	227 l/min (8 cfm)	283 l/min (10 cfm)	340 l/min (12 cfm)
Electrical Requirements ¹	208/230 V, 1 ph, 38 A, 50/60 Hz, 3.9 kVA 208/230 V, 3 ph, 22 A, 50/60 Hz, 3.9 kVA 380/415 V, 3 ph, 11 A, 50 Hz, 3.9 kVA	208/230 V, 1 ph, 43 A, 50/60 Hz, 4.6 kVA 208/230 V, 3 ph, 28 A, 50/60 Hz, 4.6 kVA 380/415 V, 3 ph, 14 A, 50 Hz, 4.6 kVA	208/230 V, 1 ph, 48 A, 50/60 Hz, 6 kVA 208/230 V, 3 ph, 34 A, 50/60 Hz, 6 kVA 380/415 V, 3 ph, 17 A, 50 Hz, 6 kVA	208/230 V, 1 ph, 38 A, 50/60 Hz, 3.9 kVA 208/230 V, 3 ph, 22 A, 50/60 Hz, 3.9 kVA 380/415 V, 3 ph, 11 A, 50 Hz, 3.9 kVA	208/230 V, 1 ph, 43 A, 50/60 Hz, 4.6 kVA 208/230 V, 3 ph, 28 A, 50/60 Hz, 4.6 kVA 380/415 V, 3 ph, 14 A, 50 Hz, 4.6 kVA	208/230 V, 1 ph, 48 A, 50/60 Hz, 6 kVA 208/230 V, 3 ph, 34 A, 50/60 Hz, 6 kVA 380/415 V, 3 ph, 17 A, 50 Hz, 6 kVA
Diameter	384 cm (12' 7")	429 cm (14' 1")	470 cm (15' 5")	432 cm (14' 2")	478 cm (15' 8")	521 cm (17' 1")
Maximum Frame Size	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")
Maximum Image Area	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")
Shipping Weight	1928 kg (4250 lb)	2495 kg (5500 lb)	2903 kg (6400 lb)	2260 kg (4980 lb)	2590 kg (5710 lb)	3007 kg (6630 lb)
Standard Pallet Size	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")
Stations/Colors	10/8	12/10	14/12	10/8	12/10	14/12

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.

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