

## Automatic screen printing press



M&R Global's Copperhead III Series presses were built from the ground up to optimize speed, performance, flexibility, print quality, and durability. With a digital touchscreen control panel featuring icon-based labeling; an extensive variety of configurations; an unrivaled set of standard features and timesaving, output-enhancing exclusives; efficient design; and high production speed, the III Series is poised to dominate the next decade of automatic screen printing. Lightweight Aluminum pallets with soft top rubber pads avoid excess overheating after flashing, which is one of the key features for printers using water base and discharge inks. Squeegee pressure equalizer system ensures uniform ink deposit to achieve consistency in color reproduction. With electric printheads, tool-free squeegee/floodbar angle adjustments, pneumatic frame locks and independent squeegee/flood speeds provide operators with all the time-saving features needed for quick setups. The Copperhead is compatible with Tri-Loc I Series and Tri-Loc<sup>®</sup>, which further minimizes setup times and maximizes run times and productivity.

With 10, 12, 14 & 18 station configurations, there is sure to be a Copperhead that meets your needs. You can rest assured that whichever you choose, M&R Global has you covered with best-in-class design, service and support.

## FEATURES

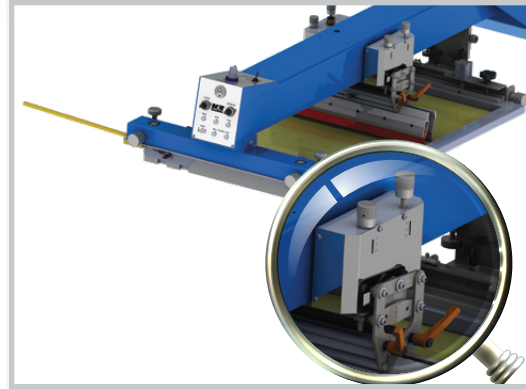
- Dry cycle Index Speed : 950 pcs/hour
- Available in 10, 12, 14 & 18 station
- Maximum Image Size: 70 x 100 cm (28" x 40")
- Standard Front And Rear Locking Micro-registration
- Standard Pneumatic Frame Locks
- High-Resolution Touchscreen Control Panel With Easy-to-use, Icon-based Logic And Built-in Tutorial Screens

Find more information and where to buy at: [www.mrprintglobal.com](http://www.mrprintglobal.com)

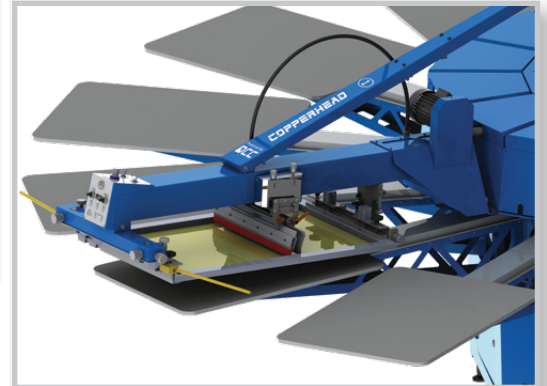
## Quick Release Pallet Locks • Quiet Operation

Ensures consistent & strong pressure all over the print area to deliver uniform ink deposit.

By properly managing printing ink distribution, the Copperhead print head design increases print speeds to achieve higher production while using the least amount of print strokes.



*The Squeegee Equalizer System*



*Individual pneumatic head lifts assist operators for quick and easy screen cleaning*

SPECIFICATIONS	III SERIES 10/8	III SERIES 12/10	III SERIES 14/12	III SERIES MAX 18/16
Standard Image Size	50 x 75 cm (20" X 30")	50 x 75 cm (20" X 30")	50" x 75 cm (20" X 30")	50" x 70 cm (20" x 28")
Standard Pallet Size	68 x 96 cm (27" X 38")	68 x 96 cm (27" X 38")	68 x 96 cm (27" X 38")	56 x 89 cm (22" x 35")
Standard Frame Size (OD)	66 x 107 cm (26" X 42")	66 x 107 cm (26" X 42")	66 x 107 cm (26" X 42")	66 x 100 cm (26" X 40")
Double Index Image Size	63 x 75 cm (25" x 30")	63 x 75 cm (25" x 30")	63 x 75 cm (25" x 30")	70 x 100 cm (28" x 40")
Double Index Frame Size	79 x 107 cm (31" x 42")	79 x 107 cm (31" x 42")	79 x 107 cm (31" x 42")	86 x 135 cm (34" x 53")
Double Index Pallet Size	68 x 96 cm (27" x 38")	68 x 96 cm (27" x 38")	68 x 96 cm (27" x 38")	75 x 122 cm (30" x 48")
Screen Frame Thickness (Min. - Max.)	2.5 - 3.8 cm (1.0" - 1.5")	2.5 - 3.8 cm (1.0" - 1.5")	2.5 - 3.8 cm (1.0" - 1.5")	2.5 - 3.8 cm (1.0" - 1.5")
Built-In Plugs to Connect Flash Cure Units	3	4	5	6
Electrical Requirements <sup>1</sup>	400-440 V, 3 ph, 12.5 A, 50 Hz, 5.25 kW (CE)	400-440 V, 3 ph, 14.5 A, 50 Hz, 6 kW (CE)	400-440 V, 3 ph, 16.5 A, 50 Hz, 6.75 kW (CE)	400-440 V, 3 ph, 19 A, 50 Hz, 9 kW
Air @ 7 bar (102 psi)	240 l/min (8.5 cfm)	300 l/min (10.6 cfm)	360 l/min (12.7 cfm)	720 l/min (25.4 cfm)
Squeegee Rubber Specifications	0.9 x 5 cm (.35" x 1.97")	0.9 x 5 cm (.35" x 1.97")	0.9 x 5 cm (.35" x 1.97")	0.9 x 5 cm (.35" x 1.97")
Machine Height	269 cm (106")	280 cm (110")	280 cm (110")	290 cm (114")
Base Dimension (L x W)	152 x 137 cm (60" x 54")	185 x 170 cm (73" x 67")	198 x 193 cm (78" x 76")	244 x 230 cm (96" x 90")
Machine Diameter	488 cm (192")	520 cm (204")	569 cm (224")	632 cm (249")
Total Machine Weight	1886 kg (4158 lb)	2370 kg (5225 lb)	2757 kg (6078 lb)	3813 kg (8406 lb)
Stations/Colors	10/8	12/10	14/12	18/16

<sup>1</sup> Use servo stabilizer to safeguard machine from voltage fluctuation out of main supply. These values are accounted with standard number of colors & exclude the consumption with flash-curing, they should be calculated separately, taking into account the number and model of the flash cure on the machine.

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