

## Automatic screen printing press



M&R Global's Copperhead Grand presses are the benchmark in automatic screen printing presses, combining highest quality components, leading class craftsmanship and high speed production to give you one of the finest presses, at an amazingly competitive price. 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 Grand is compatible with Tri-Loc I Series which further minimizes setup times and maximizes run times and productivity.

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

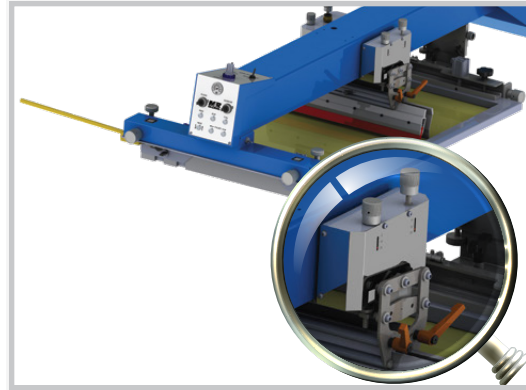
## FEATURES

- Available in 12 and 14 Station
- Standard Image Size: 61 x 102 cm (24" x 40")
- Standard Pallet Size: 76 x 122 cm (30" x 48")
- 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

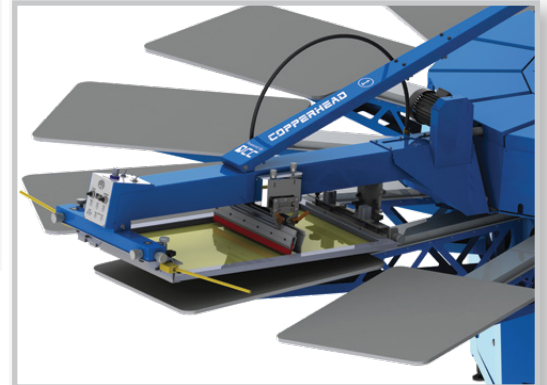
## Quick Release Pallet Locks • Quiet Operation

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	GRAND 12/10	GRAND 14/12
Air @ 7 Bar (102 psi)	450 l/min (15.9 cfm)	540 l/min (19.1 cfm)
Electrical Requirements <sup>1</sup>	380-415 V, 3 ph, 14.5 A, 50 Hz, 6.75 kW (CE)	380-415 V, 3 ph, 16.5 A, 50 Hz, 7.5 kW (CE)
In-built Flash Cure Plugins	4	5
Diameter	624 cm (246")	660 cm (260")
Standard Frame Size	76 x 132 cm (30" x 52")	75 x 132 cm (30" x 52")
Maximum Frame Size (Double Index)	86 x 132 cm (34" x 52")	86 x 132 cm (34" x 52")
Standard Image Area	61 x 102 cm (24" x 40")	61 x 102 cm (24" x 40")
Maximum Image Area (Double Index)	71 x 102 cm (28" x 40")	71 x 102 cm (28" x 40")
Machine Weight	3010 kg (6636 lb)	4067 kg (8966 lb)
Standard Pallet Size	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")
Stations/Colors	12/10	14/12

<sup>1</sup> Use uninterruptible power supply (UPS) to safeguard machine from voltage fluctuation out of main supply. If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly. Contact M&R Global/ your nearest dealer for total amperage in case of using built-in flash sockets.

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