COPPERHEAD FLEX PLUS

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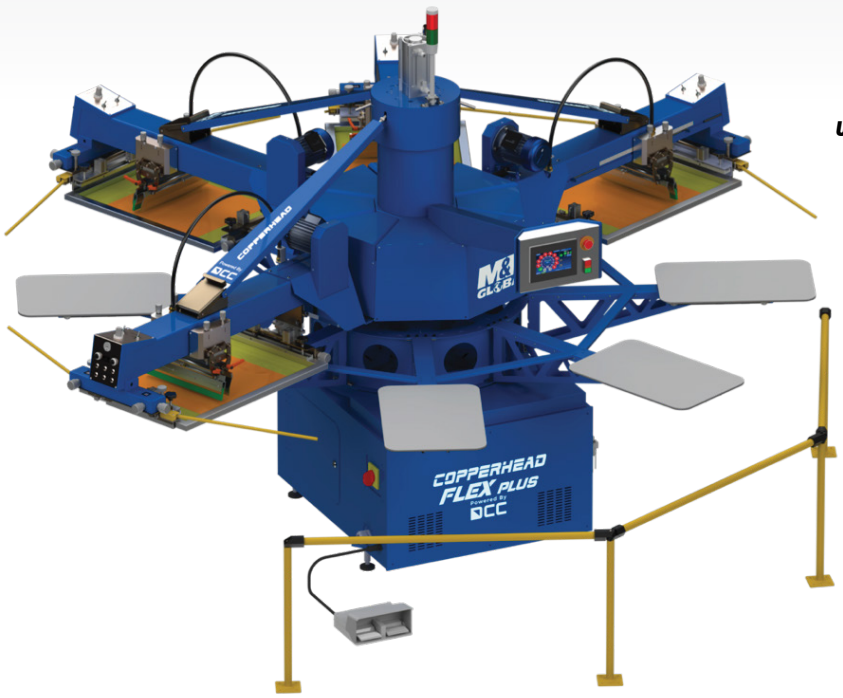
M&R GLOBAL DCC
Partners in Performance

Automatic screen printing press



Speed up to 750 pcs/hr

The Copperhead Flex Plus combines many of the high-performance features of our larger presses with a smaller footprint to create an affordable automatic press that is perfect as an entry-level machine or can serve as a great addition for an expanding shop. It features a maximum image area of 16” x 20”, and the (8) station base accepts up to 6 print heads. It’s also designed to accommodate industry-standard 23” x 31”/33” (58.5cm x 80cm/84cm) screen frames.

Like all Copperhead Automatic Presses, the Flex Plus includes our exclusive Squeegee Pressure Equalizer system which optimizes printing pressure across the entire image area and maximizes print quality. The Flex Plus includes tool-free squeegee and floodbar angle adjustments, front and rear micro-registration, and independent off-contact controls to easily manage print variables. All Copperhead presses, including the Flex Plus, are compatible with the M&R Tri-Loc™ registration system to aid in fast setups.

The Flex Plus also features a digital touch-screen HMI with time-saving programs that allow the operator to quickly adapt to working environment needs. Unique features include Print Stack Mode, which simplifies HD printing, Idle Mode, which enables easy pre-heating of pallets prior to a print run and M&R’s Revolver mode, which allow flash curing of multiple colors using a single flash cure unit.

With its large maximum image area, extensive list of standard features and innovative operator controls, the Flex Plus offers exceptional value in a compact, affordable, entry-level automatic screen-printing press.

FEATURES

- **Maximum Image Size: 41 x 50 cm (16" x 20")**
- **Standard Pallet Size: 40 x 56 cm (16" x 22")**
- **High Speed Printing of 750 pieces/hour**
- **Compatible with Tri-Loc, Tri-Sync & Tri-Loc I Series**
- **Front & Rear Micro Registration with visual guides**
- **Mechanical Head Lifting For Easy Screen Cleaning**
- **Digital Touchscreen Control Panel**
- **Independent Print/flood Speed Controls**
- **Pneumatic Screen Frame Lock**

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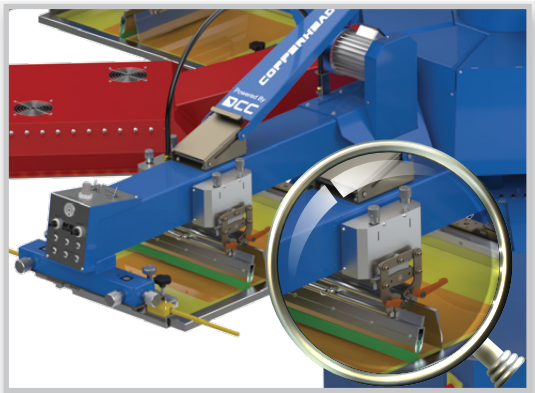
• Quiet Operation • Advanced Entry Level Press

The Squeegee Equalizer Systemensures 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.



Printhead controls are conveniently located for easy access and adjustment

Digital touchscreen control panel loaded with a wide range of smart programs to assist operators in production

SPECIFICATIONS	FLEX PLUS
Maximum In-Head Flash Cure Units	1
Diameter	391 cm (154")
Maximum Frame Size	58 x 84 cm (23" x 33")
Maximum Image Area	41 x 51 cm (16" x 20")
Machine Weight	1260 kg (2778 lb)
Standard Pallet Size	41 x 56 cm (16" x 22")
Stations/Colors	8/4

[1] 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 In-head flash unit.

COMBINATION	FLEX PLUS 8/4	FLEX PLUS 8S/4C + JALAPENO IH 18" X 20"	FLEX PLUS 8S/5C + JALAPENO IH 18" X 20"	FLEX PLUS 8/6
Electrical Requirements[1]	208-230 V, 1 ph, 18.5 A, 50/60 Hz, 3.4 kW (UL/CE) 208-230 V, 3 ph, 11 A, 50/60 Hz, 3.4 kW (UL) 380-415 V, 3 ph, 8.5 A, 50 Hz, 3.4 kW (CE)	208-230 V, 1 ph, 82 A, 50/60 Hz, 15 kW (UL/CE) 208-230 V, 3 ph, 48 A, 50/60 Hz, 15 kW (UL) 380-415V, 3 ph, 30.5 A, 50 Hz, 15 kW (CE)	208-230 V, 1 ph, 84 A, 50/60 Hz, 15.4 kW (UL/CE) 208-230 V, 3 ph, 50 A, 50/60 Hz, 15.4 kW (UL) 380-415 V, 3 ph, 30.5 A, 50 Hz, 15.4 kW (CE)	208-230 V, 1 ph, 21 A, 50/60 Hz, 3.75 kW (UL/CE) 208-230 V, 3 ph, 12 A, 50/60 Hz, 3.75 kW (UL) 380-415 V, 3 ph, 8.5 A, 50 Hz, 3.75 kW (CE)
Air Requirements	320 l/min (11.3 cfm)	320 l/min (11.3 cfm)	345 l/min (12.2 cfm)	370 l/min (13.1 cfm)

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