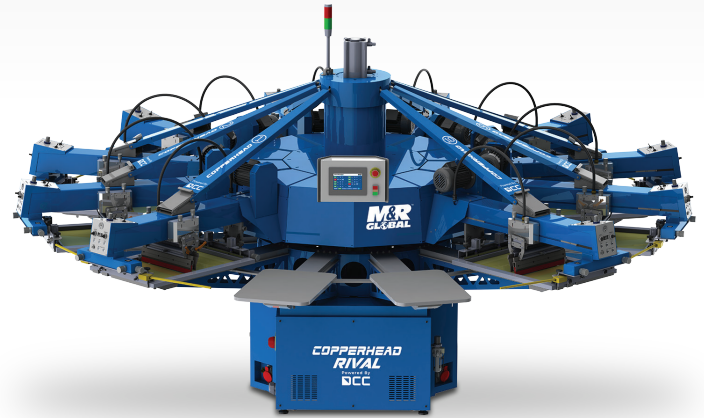


Product Features At-a-Glance

The Copperhead Rival™ from M&R Global is the newest automatic screen printing press that debuted at Impressions Expo Atlantic City in March of 2022. This press represents another blue offering for screen printers that are looking for a mid-size auto that shares the same high-quality features and specifications that customers have come to expect from an M&R product—solid steel construction, advanced printing options, and M&R’s trusted service and support after the sale.

The Copperhead Rival builds upon the features that screen printers want from an M&R product—it is Tri-Loc®/Tri-Sync™ compatible, it has M&R-compatible sliding pallets, and advanced programming features that have made M&R’s presses so versatile to operate.



HIGH PERFORMANCE, LESS NOISE

Index drive system provides smooth, quiet operation



ROBUST INDEXER DESIGN

A solid steel center shaft welded to the base frame enables extremely stable, smooth-running, vibration-free machines



LINEAR BEARINGS

High-quality linear bearings on each print head promote the smooth movement of the squeegee carriage assembly, assuring outstanding print quality and consistency



INNOVATIVE PRINthead DESIGN

Advanced pneumatic squeegee pressure equalizer system provides consistent print pressure across entire image area



INDEPENDENT OFF-CONTACT ADJUSTMENT

Including visual, scaled guides on all four corners of each print head



PNEUMATIC FRONT & REAR SCREEN FRAME CLAMPS

With manual knobs to preserve print registration in case of pneumatic supply failure and C-channel frame holders



SCREEN HOLDERS

Accepts most frame types without requiring additional adapters. The Rival uses M&R-compatible sliding pallets and is Tri-Loc® compatible



CALL FUNCTION

“CALL” button on each print head automatically moves the pallet being used for registration and test printing to that position



PRINT STROKE ADJUSTMENT

Tool-free print/flood stroke length adjustment simplifies setup



LASER PLACEMENT GUIDES

Built-in laser guides over the load station make accurate garment positioning quick and easy



TOOL-FREE HEAD LIFT MODE

Provides easy access for screen cleaning and/or flash cure unit installation



MAINTENANCE REMINDERS

Automatically alerts the operator when scheduled maintenance is due with pictures and respective procedures



CAROUSEL ROTATION

Pallet carousel rotation can be changed with one click



FLASH CURE CONNECTIONS

Built-in electrical connections for quick and easy connection of flash cure units



QUALITY IN = QUALITY OUT

Each press assembled and tested for a minimum of 5,000 cycles prior to shipping



ICON-BASED DIGITAL TOUCHSCREEN CONTROL PANEL

With self-diagnostic capability



ADVANCED PROGRAMMING FEATURES

- Print Stack Mode for high density printing/printing brighter underbases without using multiple screens
- Idle Mode to pre-heat pallets
- Revolver Mode
- Multi-Print (1-9 print strokes)
- Print-Start/Print-Finish Mode
- Switchable Front-to-Back/Back-to-Front Print Modes

About M&R Global

M&R and the DCC Group are partners in performance. Together, they form an alliance known as M&R Global. By working together, M&R Global provides both national and international screen printers with a wide array of product choices for screen printing and graphic printing equipment.

The DCC Group is M&R's longest-partnered dealer in India. Founded more than 40 years ago, DCC is Asia's largest textile printing brand with fashion, sports, home textile and signage application solutions. DCC's 'XperienceZone'—a first-of-its-kind training facility—helps customers explore endless possibilities with its dedication to the research, development, training and promotion of textile printing.

The DCC Group ecosystem is comprised of 5 companies: Creative Industries, manufacturing the finest water based inks for over 25 years; DCC Print, providing end-to-end printing solutions; 3Q Manufacturing Equipment; Design Canvas creative services and the Fresh Print printing service. The total infrastructure is spread over 240,000 sq. ft. and backed by a team of 540 members.

Products released by M&R Global are co-developed by M&R and DCC, using the finest materials and components available throughout the world. Most of the available M&R Global products are CE- and UL-certified, following strict manufacturing standards.

As of spring of 2022, M&R Global has sold well over 300 machines worldwide.

Assembled in India using following Global Components		
Machine Parts	Manufacturing Company	Country
PLC & Display	Mitsubishi/Schneider	Japan/France
Drive/VFD	Control Technique/Lenze	Japan/Germany
Geared Motors	Lenze	Germany
AC Motors	Motovario, MGM varvel/Bonfiglioli	Italy/Germany
Contractors	Schneider	France
Bearings	IKO, NTN/FAG	Japan/Germany
Proxy Sensor	Autonics/Schneider	Korea/France
MCB	Schneider	France
Pneumatics	SMC/Festo	Japan/Germany



SPECIFICATIONS	RIVAL 6/8	RIVAL 8/10	RIVAL 10/12
Number of Colors	6	8	10
Number of Stations	8	10	12
Standard Pallet Size	40 x 63 cm (16" x 25")	40 x 63 cm (16" x 25")	40 x 63 cm (16" x 25")
Maximum Image Area	40 x 50 cm (16" x 20")	40 x 50 cm (16" x 20")	40 x 50 cm (16" x 20")
Maximum Frame Size (OD)	58 x 84 cm (23" x 33")	58 x 84 cm (23" x 33")	58 x 84 cm (23" x 33")
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")
Built-in Plugs to Connect Flash Cure Units	2	3	4
Air @ 7 bar (102 PSI)	440 l/m (15.5 cfm)	500 l/m (17.7 cfm)	560 l/m (19.8 cfm)
Electrical Requirements ¹	208-230 V, 3 ph, 7 A, 50/60 Hz, 2.7 kW (UL) 400-440 V, 3 ph, 7 A, 50 Hz, 2.7 kW (CE)	208-230 V, 3 ph, 9 A, 50/60 Hz, 3.4 kW (UL) 400-440 V, 3 ph, 8 A, 50 Hz, 3.4 kW (CE)	208-230 V, 3 ph, 10.5 A, 50/60 Hz, 4.10 kW (UL) 400-440 V, 3 ph, 9 A, 50 Hz, 4.10 kW (CE)
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")
Machine Height	230 cm (90.4")	230 cm (90.4")	231 cm (90.9")
Base Dimension (L x W)	120 x 100 cm (47.2" x 39.3")	143 x 118 cm (56.3" x 45.4")	169 x 155 cm (66.5" x 61")
Machine Diameter	391 cm (154")	415.5 cm (163.6")	448 cm (176.3")
Shipping Weight	1257 kg (2770 lb)	1592 kg (3500 lb)	1822 kg (4017 lb)

¹ If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly. Other electrical configurations are available: contact M&R Printing Equipment, Inc. for details.

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