

Automatic screen printing press **New Product**



M&R Global DCC's Copperhead Infinity automatic oval screen printing press combines high volume throughput, and durable construction with the latest features in oval press design. The press comes standard with electronic printheads, pneumatic frame locks, independent controls for print & flood speeds, and the full suite of smart automatic programs that work in either clockwise or counter-clockwise printing configurations.

Infinity comes in a flexible configuration where printheads can be placed at any position making it very convenient for printers to setup the press for different styles of printing techniques. The Copperhead Infinity is modifiable up to 40 Stations configurations to accommodate different printing & flashing needs. A high-quality, smooth-operating servo-drive indexer provides fast indexing, making Infinity ideal for cut-piece and all-over print garments. The indexing system includes a very unique auto-tensioning feature to minimize the wear on chain.

Introducing our Smart Lube Technology - a revolutionary feature in the Infinity that automatically lubricates press components, ensuring longevity and optimal performance. The integrated HMI keeps operators informed of oil levels, streamlining maintenance and reducing downtime. Say goodbye to manual lubrication and embrace effortless press care with Smart Lube Technology.

Each Infinity printhead utilizes the patented squeegee pressure equalizer system which maintains a uniform squeegee pressure across the entire print area to minimize printing pressure, maintain image detail, and avoid ink deposit variation. All standard Infinity pallets are solid, lightweight aluminum with rubber coating to better manage heat during flashing. The Copperhead Infinity oval is assembled with the highest quality, globally sourced components and manufactured for consistency and durability.

FEATURES

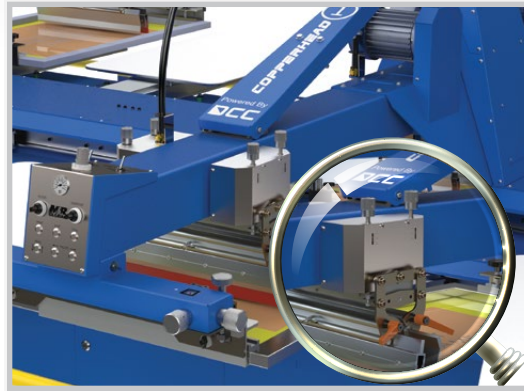
- **Standard Image Size: 70 x 100 cm (28" x 40")**
- **Standard Pallet Size: 76 x 122 cm (30" x 48")**
- **Smart Lube Technology Ensures Automatic Maintenance**
- **Servo Indexing System**
- **Centralized pallet locking system for precise registration**
- **Auto tensioning chain mechanism to increase life of machine**
- **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

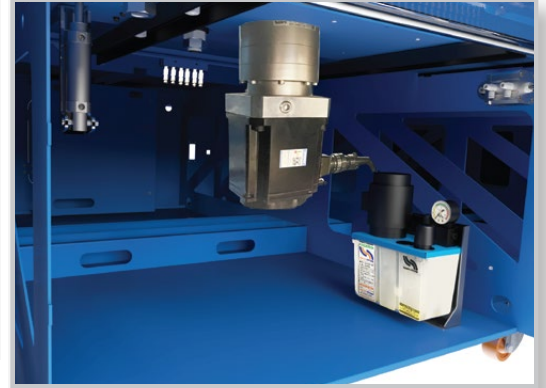
Smooth Servo Indexer • Smart Lube Technology

Copperhead Infinity features a squeegee equalizer system with individual regulators on each head ensures uniform ink deposit for excellent print quality.

With up to 38 stations configurations, there is sure to be Copperhead Infinity that meets your needs.



The Squeegee Equalizer System



Smart Lube Technology automatically lubricates press components, ensuring longevity and optimal performance.

SPECIFICATIONS	INFINITY 14/8	INFINITY 18/12	INFINITY 22/16	INFINITY 26/20	INFINITY 30/24	INFINITY 34/28	INFINITY 38/32
Air @ 7 Bar (102 psi)	1280 l/min (45.2 cfm)	1920 l/min (67.8 cfm)	2560 l/min (90.4 cfm)	3200 l/min (113 cfm)	3840 l/min (135.6 cfm)	4480 l/min (158.2 cfm)	5120 l/min (180.8 cfm)
Electrical Requirements ¹	380-415 V, 3 ph, 12 A, 50 Hz, 5.25 kW	380-415 V, 3 ph, 12 A, 50 Hz, 6.75 kW	380-415 V, 3 ph, 16.5 A, 50 Hz, 8.25 kW	380-415 V, 3 ph, 20 A, 50 Hz, 9.75 kW	380-415 V, 3 ph, 20 A, 50 Hz, 11.25 kW	380-415 V, 3 ph, 24.5 A, 50 Hz, 12.75 kW	380-415 V, 3 ph, 29 A, 50 Hz, 14.25 kW
Standard Image Size	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")	70 x 100 cm (28" x 40")
Standard Pallet Size	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")	76 x 122 cm (30" x 48")
Standard Frame Size (OD)	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")	86 x 135 cm (34" x 53")
Overall Size (L x W x H)	953 x 478 x 190.5 cm (375.3" x 188" x 75")	1185 x 478 x 190.5 cm (466.5" x 188" x 75")	1417.8 x 478 x 190.5 cm (558" x 188" x 75")	1649 x 478 x 190.5 cm (649" x 188" x 75")	1880 x 478 x 190.5 cm (740.3" x 188" x 75")	2112 x 478 x 190.5 cm (831.5" x 188" x 75")	2344 x 478 x 190.5 cm (923" x 188" x 75")
Stations/Colors	14/8	18/12	22/16	26/20	30/24	34/28	38/32

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.

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