COPPERHEAD INTEL OS

by ◗CC

Automatic screen printing press New Product

Speed up to 640 pcs/hr
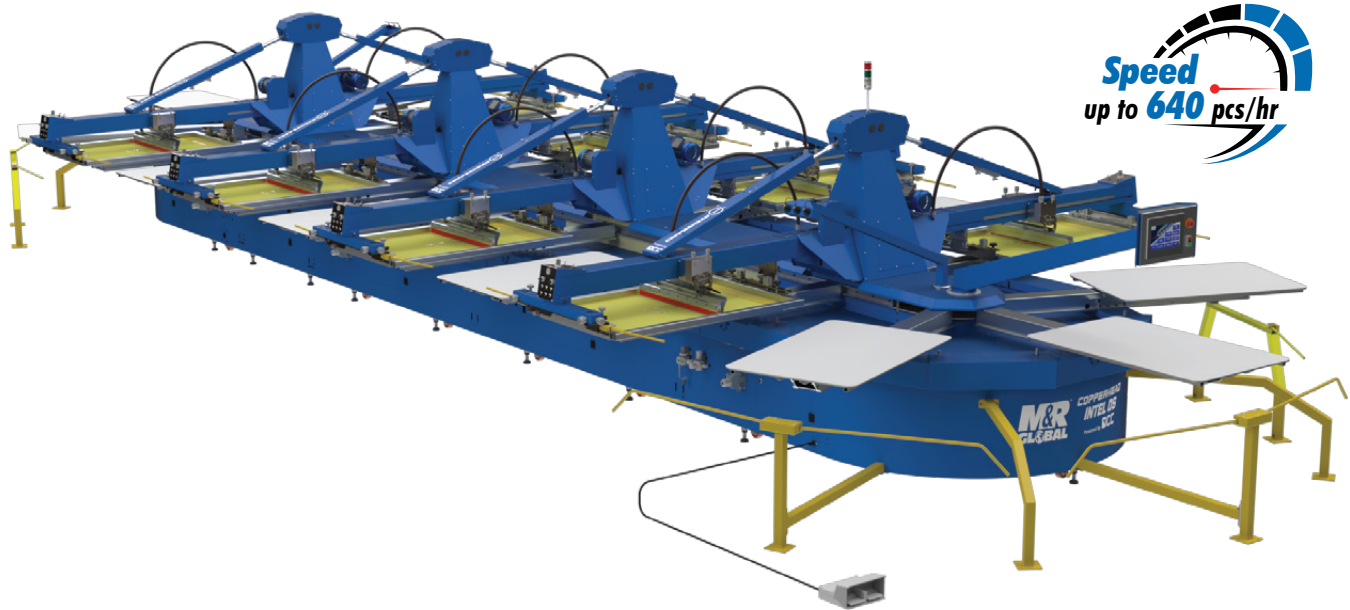
M&R Global DCC's Copperhead Intel OS automatic oval screen printing press combines high volume throughput, and durable construction with the latest features in oval press design. The press comes standard with electronic printheads, pneumatic frame locks, independent controls for print & flood speeds, and the full suite of smart automatic programs that work in either clockwise or counter-clockwise printing configurations.

Intel OS comes in a standard Print/Flash/Print (PFP) configuration that is one of the most popular choices preferred by printers around the world. The Copperhead Intel OS is modifiable up to 40 Stations configurations to accomodate different printing & flashing needs. A high-quality, smooth-operating servo-drive indexer provides fast indexing, making Intel OS 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 Intel OS 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 Intel OS 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 Intel OS pallets are solid, lightweight aluminum with rubber coating to better manage heat during flashing. The Copperhead Intel OS oval is assembled with the highest quality, globally sourced components and manufactured for consistency and durability.

FEATURES

- **Standard Image Size: 80 x 120 cm (32" x 48")**

- **Standard Pallet Size: 86 x 145 cm (34" x 57")**

- **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 Intel OS features a squeegee equalizer system with individual regulators on each head ensures uniform ink deposit for excellent print quality.

With up to 40 stations configurations, there is sure to be Copperhead Intel OS that meets your needs.
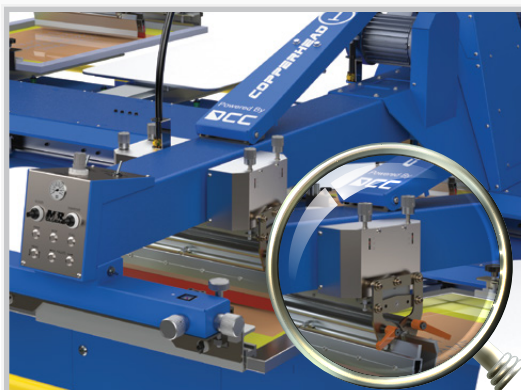
The Squeegee Equalizer System
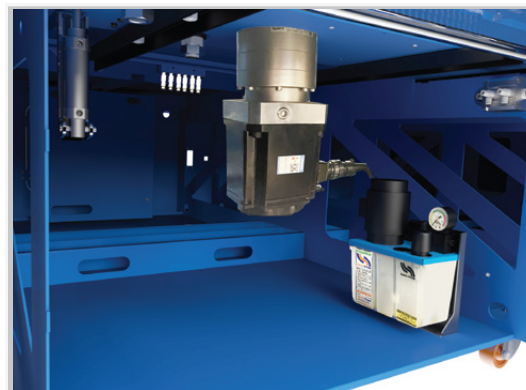
Smart Lube Technology automatically lubricates press components, ensuring longevity and optimal performance.

SPECIFICATIONS	INTEL OS OVAL 16/6	INTEL OS OVAL 20/8	INTEL OS OVAL 24/10	INTEL OS OVAL 28/12	INTEL OS OVAL 32/14	INTEL OS OVAL 36/16	INTEL OS OVAL 40/18
Air @ 7 Bar (102 psi)[1]	410 l/min (14.5 cfm)	530 l/min (18.7 cfm)	650 l/min (23 cfm)	770 l/min (27.2 cfm)	890 l/min (31.4 cfm)	1010 l/min (35.6 cfm)	1130 l/min (39.9 cfm)
Electrical Requirements[2]	380-415 V, 3 ph, 8 A, 50 Hz, 4.5 kW	380-415 V, 3 ph, 12 A, 50 Hz, 5.25 kW	380-415 V, 3 ph, 14 A, 50 Hz, 6.0 kW	380-415 V, 3 ph, 14 A, 50 Hz, 6.75 kW	380-415 V, 3 ph, 16 A, 50 Hz, 7.5 kW	380-415 V, 3 ph, 18 A, 50 Hz, 8.3 kW	380-415 V, 3 ph, 18 A, 50 Hz, 9.0 kW
Standard Image Size	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")	80 x 120 cm (32" x 48")
Standard Pallet Size	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")	86 x 145 cm (34" x 57")
Standard Frame Size (OD)	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")	107 x 160 cm (42" x 63")
Overall Size (L x W x H)	1069.5 x 478 x 190.5 cm (421" x 188" x 75")	1301 x 478 x 190.5 cm (512.2" x 188" x 75")	1532.6 x 478 x 190.5 cm (603.4" x 188" x 75")	1765 x 478 x 190.5 cm (695" x 188" x 75")	1996.5 x 478 x 190.5 cm (786" x 188" x 75")	2228 x 478 x 190.5 cm (877.2" x 188" x 75")	2460 x 478 x 190.5 cm (968.4" x 188" x 75")
Stations/Colors	16/6	20/8	24/10	28/12	32/14	36/16	40/18

[1] Consumption @ 10 pieces/min; 7 bar input pressure & max image area
[2] 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.