

Automatic Screen Printing Press



M&R's Cobra™ automatic screen printing presses set the standard in combining quality components, durable craftsmanship and high speed production all in one machine.

The COBRA series of presses provide operators with time-saving features needed for quick setups—electric printheads, tool-free squeegee/floodbar angle adjustments with air locks, pneumatic frame locks, and independent squeegee/flood speeds with digital displays. The newly-designed flat-indexing system is also digital-compatible on most models. COBRA presses are Tri-LOC® and Tri-Sync™ compatible—like all M&R presses—which further minimizes setup times, and maximizes run times and productivity.

With three different sizes available in 8-, 10- and 12-colors in the 1618 model, and four different sizes available in 8-, 10-, 12- and 14-colors in the 2020 model, there is sure to be a COBRA 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

- Newly-designed, robust, flat indexing system can easily accommodate digital products
- Smooth, quiet operation
- Pneumatic-locking, Quick-Flip™ Front Frame Holders
- New slimline pallet-leveling adjustment system
- Upgraded precision front and rear micro adjustments
- Simple front and rear on-head/off-contact controls
- New spider arm design
- Maintenance Minder™ System alerts operators when scheduled maintenance is due
- HMI interface features new Heads Idle Mode and updated Revolver Print Program™

Find more information and where to buy at: www.mrprint.com



COBRA™

New Flat-Indexing System • Smooth, Quiet Operation • Digital-Ready*

The Cobra features a 7.5" high-resolution touchscreen interface with easy-to-learn logic and enhanced icon graphics.

Built-in tutorial screens give quick onscreen access to multi-language setup guides. The operating instructions effectively put a user's manual at the operator's finger tips.



User-friendly touchscreen interface provides ease of use



Pneumatic-locking, Quick-Flip™ front frame holders

SPECIFICATIONS	Cobra 1618 10/8	Cobra 1618 12/10	Cobra 1618 14/12	Cobra 2020 10/8	Cobra 2020 12/10	Cobra 2020 14/12	Cobra 2020 16/14
Air @ 6,9 bar (100 PSI)	227 l/min (8 cfm)	283 l/min (10 cfm)	340 l/min (12 cfm)	227 l/min (8 cfm)	283 l/min (10 cfm)	340 l/min (12 cfm)	396 l/min (14 cfm)
Electrical Requirements¹	208/230 V, 1 ph, 38 A, 50/60 Hz, 3.9 kW 208/230 V, 3 ph, 22 A, 50/60 Hz, 3.9 kW 380/415 V, 3 ph, 11 A, 50 Hz, 3.9 kW	208/230 V, 1 ph, 43 A, 50/60 Hz, 4.6 kW 208/230 V, 3 ph, 28 A, 50/60 Hz, 4.6 kW 380/415 V, 3 ph, 14 A, 50 Hz, 4.6 kW	208/230 V, 1 ph, 48 A, 50/60 Hz, 6 kW 208/230 V, 3 ph, 34 A, 50/60 Hz, 6 kW 380/415 V, 3 ph, 17 A, 50 Hz, 6 kW	208/230 V, 1 ph, 38 A, 50/60 Hz, 3.9 kW 208/230 V, 3 ph, 22 A, 50/60 Hz, 3.9 kW 380/415 V, 3 ph, 11 A, 50 Hz, 3.9 kW	208/230 V, 1 ph, 43 A, 50/60 Hz, 4.6 kW 208/230 V, 3 ph, 28 A, 50/60 Hz, 4.6 kW 380/415 V, 3 ph, 14 A, 50 Hz, 4.6 kW	208/230 V, 1 ph, 48 A, 50/60 Hz, 6 kW 208/230 V, 3 ph, 34 A, 50/60 Hz, 6 kW 380/415 V, 3 ph, 17 A, 50 Hz, 6 kW	208/230 V, 1 ph, 53 A, 50/60 Hz, 7.2 kW 208/230 V, 3 ph, 40 A, 50/60 Hz, 7.2 kW 380/415 V, 3 ph, 20 A, 50 Hz, 7.2 kW
Diameter	384 cm (12' 7")	429 cm (14' 1")	470 cm (15' 5")	432 cm (14' 2")	478 cm (15' 8")	521 cm (17' 1")	563 cm (18' 6")
Maximum Frame Size	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")
Maximum Frame Size (Alternating Printheads)	N/A	N/A	N/A	132 x 91 cm (52" x 36")	132 x 91 cm (52" x 36")	132 x 91 cm (52" x 36")	132 x 91 cm (52" x 36")
Maximum Image Area	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")
Maximum Image Area (Alternating Printheads)	N/A	N/A	N/A	94 x 71 cm (37" x 28")	94 x 71 cm (37" x 28")	94 x 71 cm (37" x 28")	94 x 71 cm (37" x 28")
Shipping Weight	1928 kg (4250 lb)	2495 kg (5500 lb)	2903 kg (6400 lb)	2260 kg (4980 lb)	2590 kg (5710 lb)	3007 kg (6630 lb)	3450 kg (7600 lb)
Standard Pallet Size	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")
Stations/Colors	10/8	12/10	14/12	10/8	12/10	14/12	16/14

* Digital-ready compatibility available on most COBRA models—contact M&R Printing Equipment, Inc. for details.

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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