

## Automatic Screen Printing Press



M&R's COBRA E™ 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 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.

Multiple configurations and maximum image areas mean that there is sure to be a COBRA E 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

- Robust, flat indexing system
- Smooth, quiet operation
- Pneumatic-locking, Quick-Flip™ Front Frame Holders
- Slimline pallet-leveling adjustment system provides simpler adjustment
- Upgraded precision front and rear micro-registration controls
- Simple front and rear on-head/off-contact controls
- New membrane switch-based printhead controls enable quicker setup and enhanced repeatability
- Maintenance Minder™ System with photos and descriptions alerts operators when scheduled maintenance is due
- HMI interface features Heads Idle Mode and updated Revolver Print Program™

Find more information and where to buy at: [www.mrprint.com](http://www.mrprint.com)



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

The COBRA E 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 fingertips. The intuitive icon-based interface simplifies operator training.



*User-friendly touchscreen interface provides ease of use*



*Pneumatic-locking, Quick-Flip™ front frame holders*



*Individual membrane switch controls enable quicker setups*

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

SPECIFICATIONS	Cobra E 1618 10/8	Cobra E 1618 12/10	Cobra E 1618 14/12	Cobra E 2020 10/8	Cobra E 2020 12/10	Cobra E 2020 14/12
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)
Electrical Requirements <sup>1</sup>	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, 8.7 kW 208/230 V, 3 ph, 22 A, 50/60 Hz, 8.7 kW 380/415 V, 3 ph, 12 A, 50 Hz, 8.7 kW	208/230 V, 1 ph, 48 A, 50/60 Hz, 11.2 kW 208/230 V, 3 ph, 28 A, 50/60 Hz, 11.2 kW 380/415 V, 3 ph, 16 A, 50 Hz, 11.2 kW	208/230 V, 1 ph, 58 A, 50/60 Hz, 11.1 kW 208/230 V, 3 ph, 34 A, 50/60 Hz, 13.5 kW 380/415 V, 3 ph, 19 A, 50 Hz, 13.5 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")
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")
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")
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)
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")
Stations/Colors	10/8	12/10	14/12	10/8	12/10	14/12

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

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