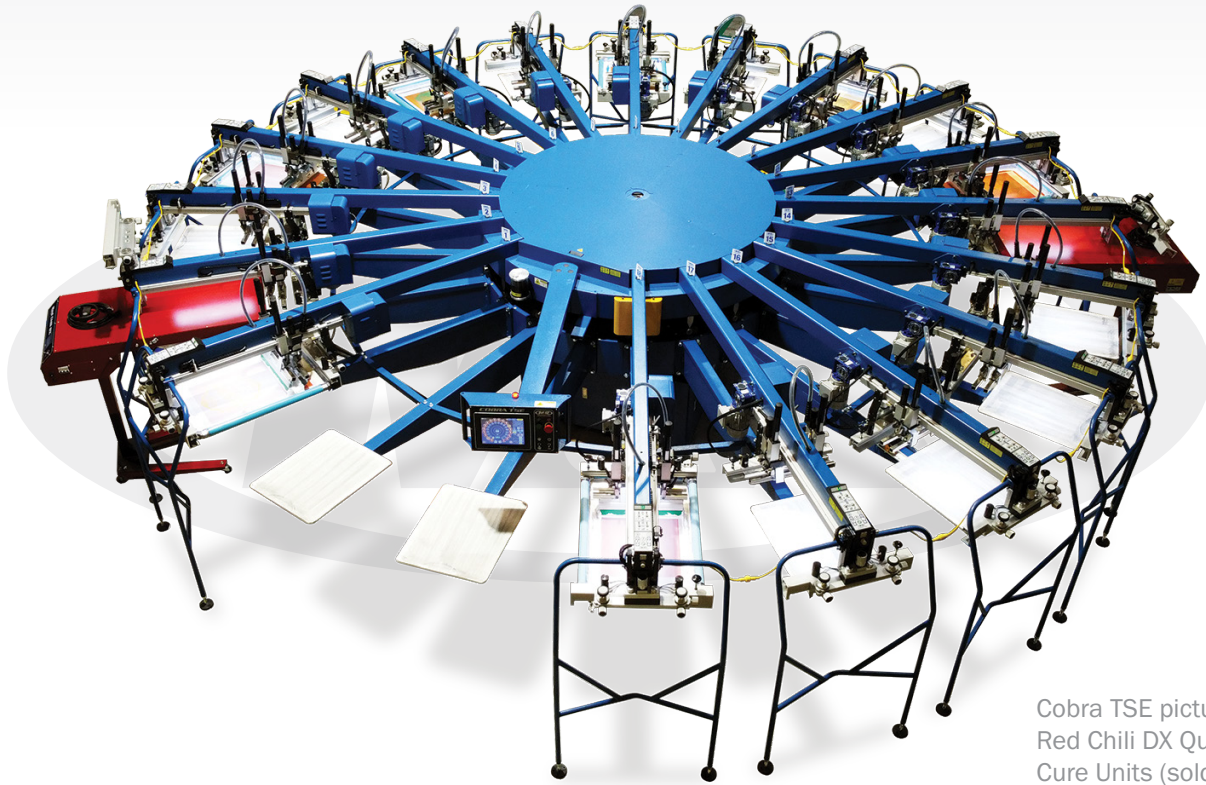


## Automatic Screen Printing Press



Cobra TSE pictured with two Red Chili DX Quartz Flash Cure Units (sold separately)

The COBRA TSE™ series of presses provides operators with time-saving features needed for quick setups—electric printheads with electronic controls, tool-free squeegee/floodbar angle adjustment with pneumatic clamps, pneumatic screen frame locks, and independent squeegee/flood speeds with digital displays. Cobra TSE also features a revised, robust, smooth and quiet flat indexing system.

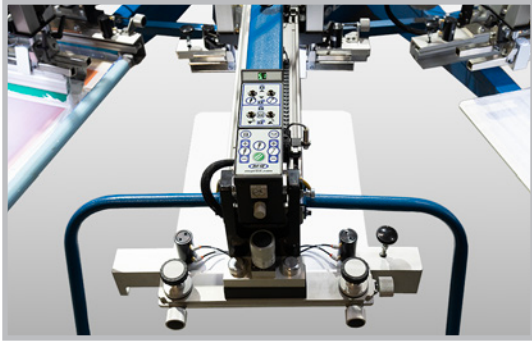
Cobra TSE is hybrid-printing ready, featuring M&R's Tri-Sync™ pallet arm and Tri-Sync™ pallet as standard equipment. These features further minimize setup times and maximize run times and productivity.

M&R's Cobra TSE automatic screen printing presses bring all of the features that the Cobra E™ line offers in a larger format.

## FEATURES

- Robust, flat indexing system can easily accommodate digital products
- Smooth, quiet operation
- Pneumatic-locking, Quick-Flip™ Front Frame Holders
- Slimline pallet-leveling adjustment system
- Upgraded precision front and rear micro adjustments
- Simple front and rear on-head/off-contact controls
- New membrane switch-based printhead controls enable quicker setup and enhanced repeatability
- 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](http://www.mrprint.com)



**Individual Membrane Switch Controls Enable Quicker Setups**



**User-friendly touchscreen interface provides ease of use**

## Additional COBRA TSE Product Features

### Carousel/Indexer System

- Double-Index capability
- Additional flash cure communication ports (six on each machine) enhance hybrid printing capabilities
- Ball-screw indexing system with automatic lubrication provides high speeds and consistent, quiet operation

### Control Center

- Icon-based, 10" high-resolution Human Machine Interface (HMI) with enhanced built-in operational tutorial screens
- Enhanced Maintenance Minder™ System alerts operators when scheduled maintenance is due, including photos and tutorials

### Printheads

- New membrane-switch-based controls enable quicker setup and enhanced repeatability
- Membrane-switch controls enable setting of squeegee/floodbar speed settings individually from the main HMI
- Membrane-switch controls enable setting of squeegee/floodbar speed settings for all printheads quickly and easily from the main HMI via copy/paste

### Registration

- Equipped with M&R's Tri-Sync™ Pallet Arm and Tri-Sync™ Pallet for easier integration into Hybrid printing scenarios

SPECIFICATIONS	Cobra TSE 16/14	Cobra TSE 18/16	Cobra TSE 20/18
Air @ 6,9 bar (100 PSI)	396 l/min (14 cfm)	453 l/min (16 cfm)	510 l/min (18 cfm)
Electrical Requirements <sup>1</sup>	208/230 V, 3 ph, 47 A, 50/60 Hz, 18.7 kW 380/415 V, 3 ph, 26 A, 50 Hz, 18.7 kW	208/230 V, 3 ph, 56 A, 50/60 Hz, 22.3 kW 380/415 V, 3 ph, 31 A, 50 Hz, 22.3 kW	208/230 V, 3 ph, 60 A, 50/60 Hz, 23.8 kW 380/415 V, 3 ph, 33 A, 50 Hz, 23.8 kW
Diameter	564 cm (18' 6")	610 cm (20' 0")	655 cm (21' 6")
Maximum Frame Size	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)	132 x 91 cm (52" x 36")	132 x 91 cm (52" x 36")	132 x 91 cm (52" x 36")
Maximum Image Area	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)	94 x 51 cm (37" x 20")	94 x 51 cm (37" x 20")	94 x 51 cm (37" x 20")
Shipping Weight	3950 kg (8700 lb)	4360 kg (9600 lb)	4810 kg (10600 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")
Stations/Colors	16/14	18/16	20/18

<sup>1</sup> If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly.

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