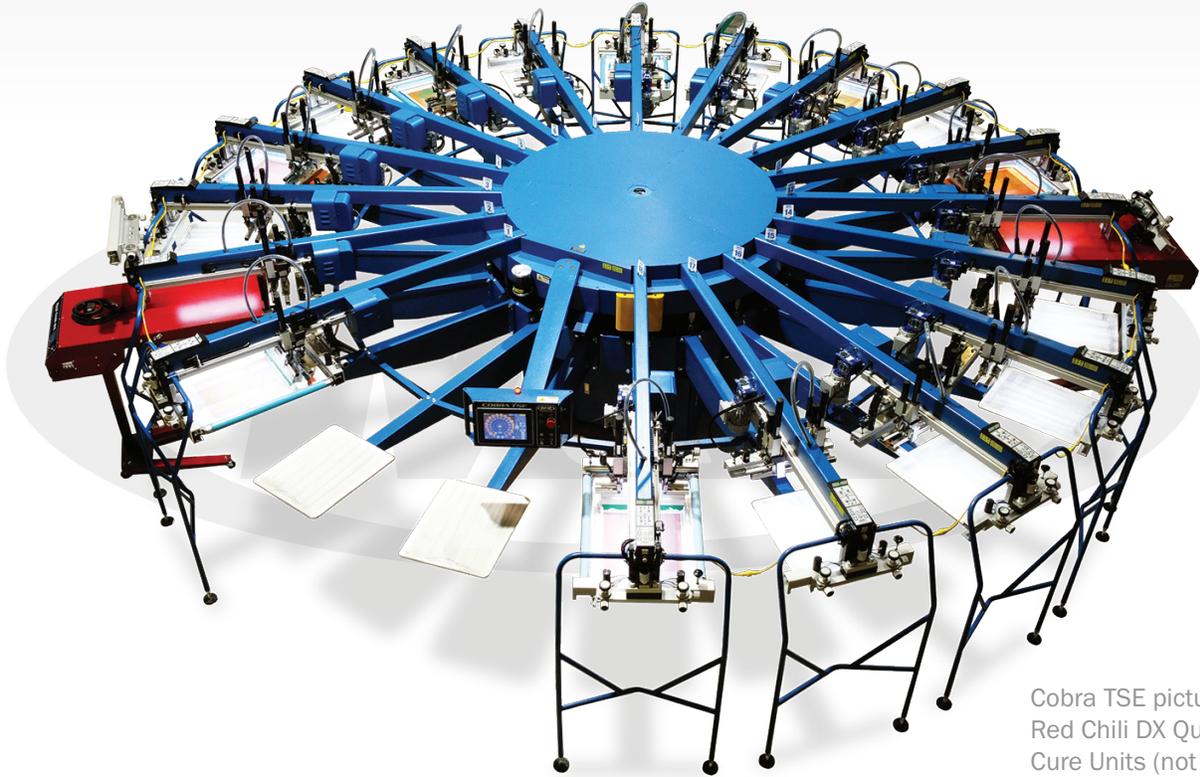


Automatic Screen Printing Press



Cobra TSE pictured with two Red Chili DX Quartz Flash Cure Units (not included)

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 line offers in a larger format.

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 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



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 ¹ | 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 |

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

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