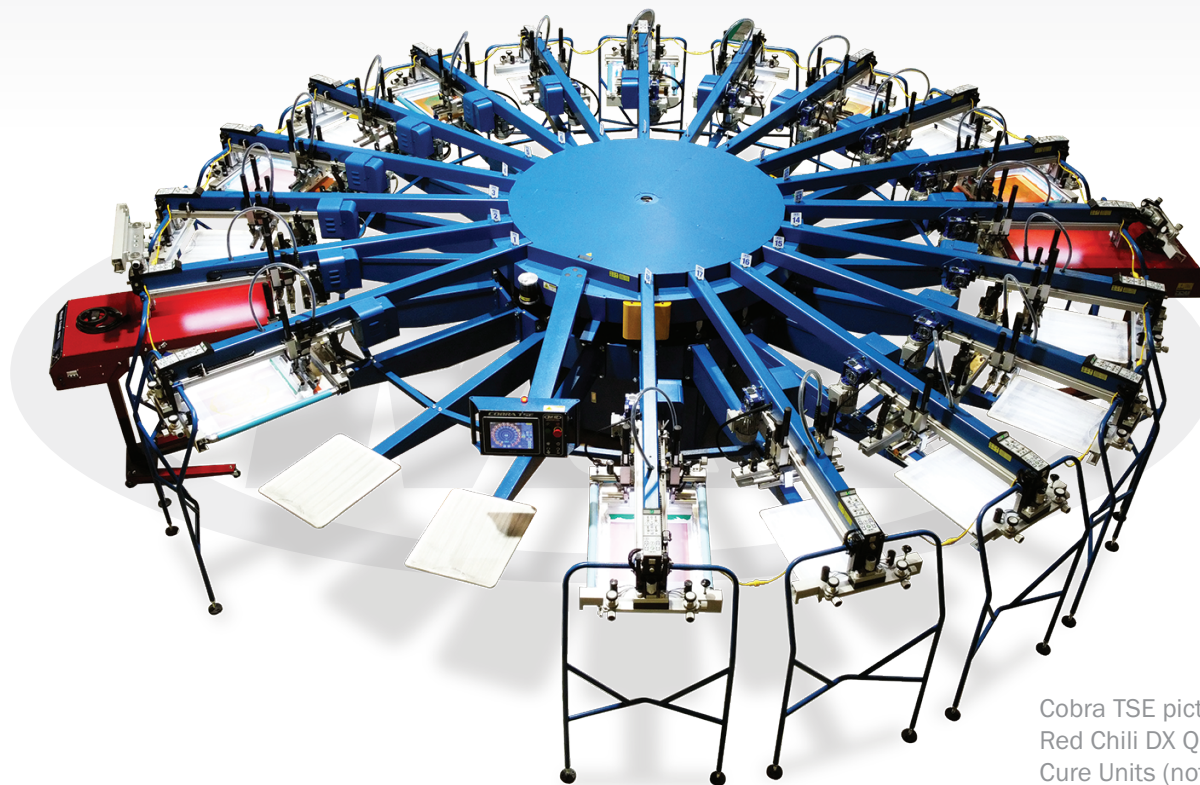


Automatic Screen Printing Press



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.

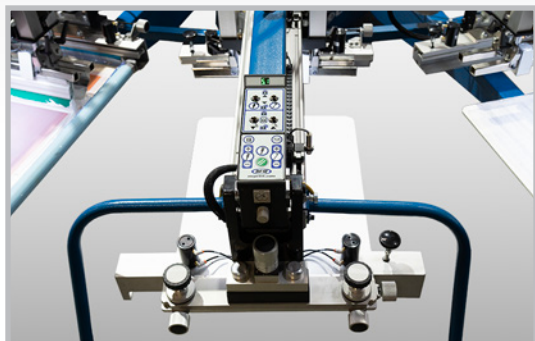
FEATURES

- 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**



COBRA TSE™



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.

M&R Printing Equipment, Inc. 440 Medinah Road, Roselle, Illinois 60172-2329 USA **www.mrprint.com**
USA: 800-736-6431 / 630-858-6101 • Outside USA: +1-847-967-4461 • FAX: 630-858-6134

M&R Printing Equipment, Inc. and its subsidiaries (hereinafter M&R), believe the information in this advertisement to be accurate at publication, though it does not purport to list all manufacturing and specification variations, nor does it assume liability resulting from incompleteness or inaccuracy. M&R reserves the right to change specifications without notice. M&R expressly disclaims any liability for damages, consequential or incidental, from purchase, installation, servicing, and/or use of any product/service based upon information herein. No warranties of merchantability or fitness for a particular purpose are made or are to be implied from the information herein. No information herein may be reproduced or used in any manner without the prior, express written consent of M&R in each case. Copyright 2022 M&R Printing Equipment, Inc. All rights reserved. 20230116