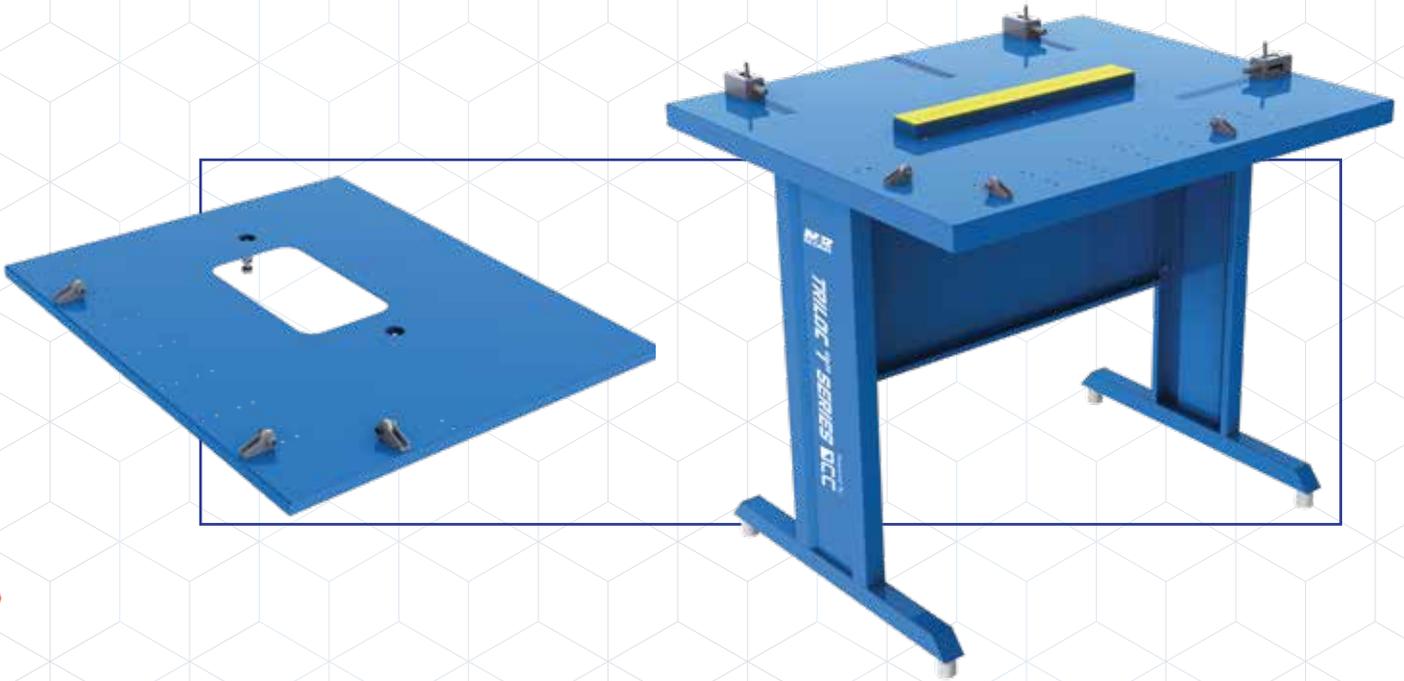


COPPERHEAD

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TRI-LOC "I" SERIES





M&R Global™ has developed a precision registration system for the Copperhead line of presses, the Tri-Loc "I" series system is built on the same foundational principles as the original Tri-Loc by M&R. This registration equipment is specifically created to integrate with the Copperhead automatic screen printing presses and allows for drastically reduced set up times.

The Tri-Loc achieves enormous time savings during screen printing setups by standardizing the location of exposed images on all screens in multi-color jobs. Setups that used to take over an hour can be finalized in minutes. With efficient practice and refined use of the Tri-Loc "I", a printer can setup and run many jobs in one step without costly added registration time on the production floor when the press could be printing the order instead of moving screens around.

As screen print volumes on an average order continue to shrink, and the volume of short run orders increase, the necessity for using a registration system can make the difference between a profit or a loss on complex orders.

An additional advantage to using a Tri-Loc system is that, with the possibility of faster setups printers can store less screens since they can remake and set them up faster, which saves on space and allows for more competitive pricing on short runs with smaller profit margins. Another measure of printer success can be the ability to stage multiple jobs, when stream-lining of setups allow for more jobs to be completed in a production shift.

If you have any questions about the value of using the Tri-Loc registration system, just ask the thousands of printers who swear by the system, and would never setup a multi-color job without it.

FEATURES

- Simple to learn, setup and use, with sizes to fit the standard textile frames.
- Huge savings in setup times on multi-color screen print jobs
- Standardizes the location of screen images into precise, repeatable registration on every screen in complex prints
- All necessary equipment and training included to get up to speed quickly



POSITIVE REGISTRATION TABLE

- 1 - Minimizes the required skills of a traditional artist who needs to cut, position, and align films.
- 2 - The accurate three-point contacts are built using CNC machines to insure precision placement and screen frame alignment consistency.
- 3 - The three point contacts of the registration table and pallet jig are mounted with smooth roller bearings to minimize scratches on aluminum screen frames and reduce the chances of registration errors.
- 4 - The guide that is mounted on the UV safe lightbox aids in alignment of films while avoiding screen pre-exposure.
- 5 - Spring-loaded clamps firmly hold the screens while aligning positives.
- 6 - The screen clamps are adjustable to fit various screen sizes.

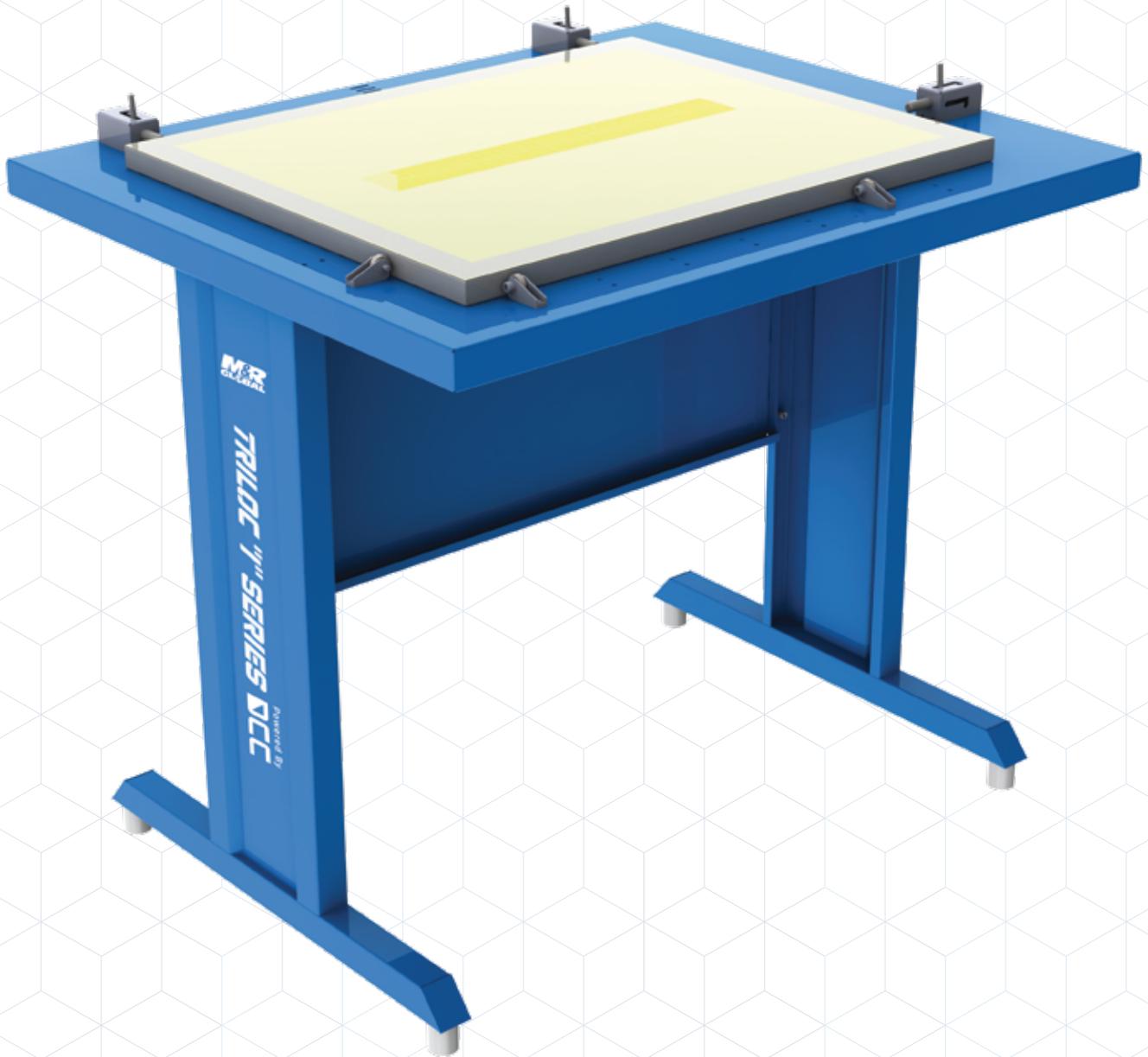
REGISTRATION PALLET

- 1 - The registration pallet is fabricated from a single metal sheet to aid in alignment consistency and sit firmly on the pallet arm attachment.
- 2 - The design of the contacts on the pallet avoid scratches on the screen frame while the print heads move up and down.
- 3 - The pallet includes quick release locking pins to easily switch back to the printing pallet.

REGISTRATION PROCESS FOR FILM-BASED SCREEN PRODUCTION

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|--|---|
| 1. Place the screen on the Tri-Loc I Series registration system. | 5. Remove the printing pallet and load the Tri-Loc I Series pallet. |
| 2. Lock the screen on all three sides. | 6. Load the first screen in the design and lock after positioning in the Tri-Loc pallet. |
| 3. Align the positives visually with each other and to the same location on all screens. | 7. Align all screens in the proper printing order using the same method and locking them in position using the Tri-Loc pallet. |
| 4. Carefully expose, rinse and dry each screen using the proper location indicated by the alignment guides. | 8. Replace the Tri-Loc pallet with the printing pallet. |

TRI-LOC "I" SERIES



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