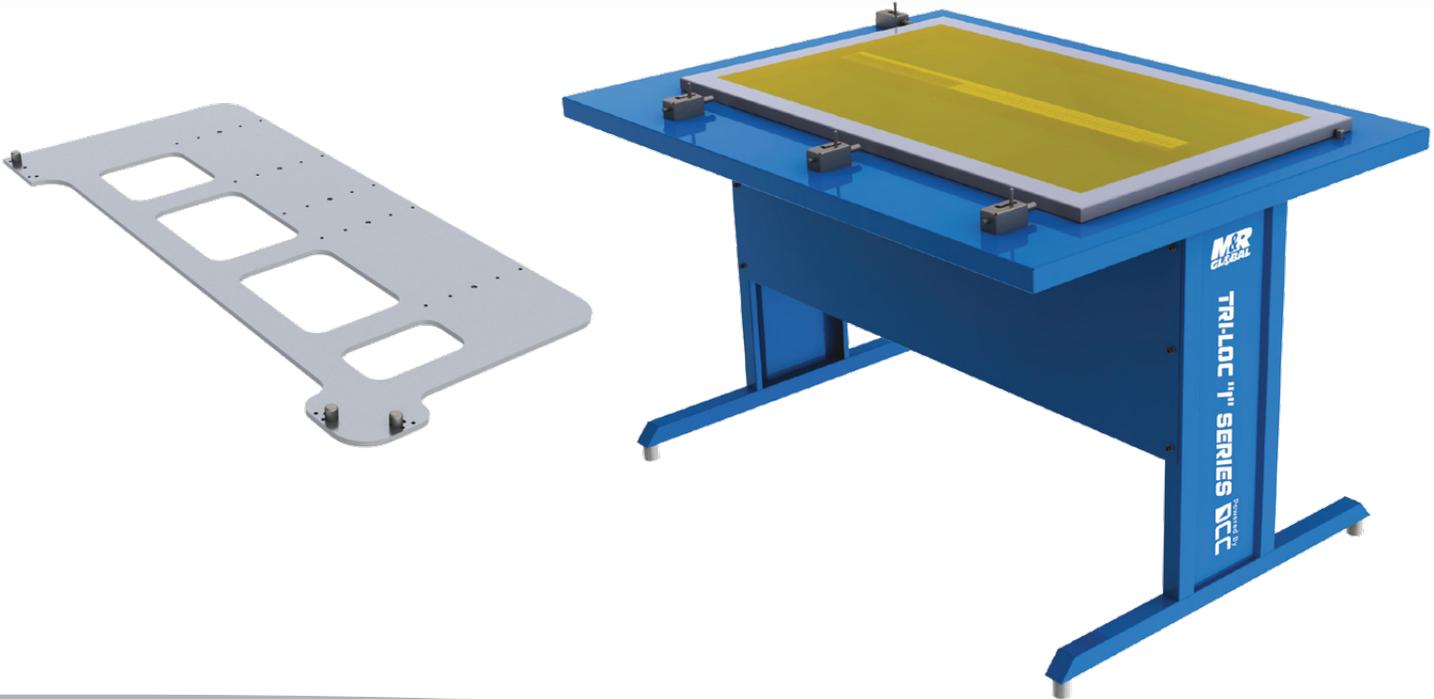


Registration System for Film-Based Screen Production



M&R Global's Tri-Loc "I" series registration system works with the Copperhead series of presses to dramatically reduce setup times and registration issues on multi-color jobs. The Tri-Loc "I" series system helps operators place each color in the same location on each screen. Setups that previously may have required over an hour can now be finalized in minutes.

Completing the Tri-Loc "I" series system is its registration pallet, with which screens are quickly positioned in the Copperhead press with the confidence that registration will be fast and easy.

As the quantity of individual orders increases, while at the same time the average quantity of shirts per order decreases, use of a pre-registration system such as the Tri-Loc "I" series helps to ensure maximum efficiency and profitability.

The Tri-Loc "I" series registration system is an essential part of an efficient, productive print shop.

FEATURES

- Simple to learn, setup and use, with sizes to fit the industry-standard screen frame dimensions
- Huge savings in setup times on multi-color jobs

Simple to set up and use, with sizes to fit most textile screen frames

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

- 1. Place the screen on the Tri-Loc "I" Series registration system table.**

Lock the screen on all three sides.

- 2. Align positives in the same position on all screens and attach with clear tape.**

Expose, rinse and dry each screen.

- 3. Remove the printing pallet and load the Tri-Loc "I" Series pallet.**

Load the first screen in the design and lock after positioning in the Tri-Loc "I" pallet.

- 4. Align all screens in the proper printing order using the same method and locking them in position using the Tri-Loc "I" pallet.**

Replace the Tri-Loc "I" pallet with the printing pallet.