

# Newman Roller Frames

Retensionable printing frames allow for unlimited retensionability to achieve ultra-high tensions. Whether printing manual or automatic, ultra-high tension levels provide:

- Higher snap force provides faster squeegee speeds and shorter printing stroke
- Less squeegee pressure results in:
  - Less ink penetration into textiles for more opaque coverage
  - Reduced ink consumption
  - Less ink build-up on print side of screens, therefore fewer wipe downs
  - No need to re-register

## General Graphic Printing

Whether you're printing single-color high volume work, or critical registration fine art prints, the Newman Roller Frame is the tool necessary for achieving high productivity, while maintaining the integrity of the print.

## High Tolerance Printing ( $\pm .001''$ Over 2')

The Newman Roller Frame is the state-of-the-art choice for close tolerance printing applications like printed circuits, face panels, membrane switches and decals. Its high tension advantages, combined with its linear re-proportioning feature (LR), allow on-press adjustments to achieve tolerances of  $\pm .001''$  over 8 feet! Specialized polyester fabrics can now be retensioned and work-hardened to tension levels comparable to, or exceeding, those of stainless steel. Thus a more accurate ink transfer is achieved, leading to reduced registration problems and smear.

Additionally, the LR feature is a 1–3 minute adjustment on press to compensate linearly for any print distortion beyond your control.

## Large Format Printing

For automotive striping, automotive glass billboards, fleet markings and banners, Newman Roller Frames are available up to 40' in size. Large Box Beam Frames from 6' to 16' are engineered to print in excess of 45 N/cm. Frames up to 36' are engineered to print up to 25 N/cm.

## Textile Printing

The M-ZX™ Manual Textile Frames are engineered to print at 100 N/cm, increasing productivity by 35%. The standard size Automatic Textile Frames are also engineered to print at 100 N/cm.

## Specialty Printing

Magnesium Newman Roller Frames for regular and ultra-high speed cylinder presses are available in 2' to 20' in stock. Specially coated rollers are available for use in printing hot melt inks. Thin edge bars are available for printing close to an edge on caps, bottles and mugs.

