



Screen Printing Textile Presses



Challenger® II & II OS

FEATURES

- 8-18 colors
- Maximum image area 50 x 70 cm (20" x 28") or 70 x 100 cm (28" x 41")
- Standard pallet size 41 x 56 cm (16" x 22") or 76 x 114 cm (30" x 45")

Challenger® II & II OS

Challenger II is M&R's affordable, high-performance automatic textile press. Designed for quick setups and high-speed production, it's loaded with timesaving, output-enhancing features, making it a star producer in any print shop. Challenger II is available in 12, 14, 16, and 18-color models with a 50 x 70 cm (20" x 28") maximum image area. Challenger II OS is available in 8, 10, and 12-color models with an oversize 70 x 100 cm (28" x 41") maximum image area. All models feature servo-driven indexers, electric printheads, and multiple print-stroke capability.

Standard features include a user-friendly control panel with digital keypad, onboard self-diagnostics, real-time production data, and an independent print-start/print-finish setting that

automatically activates and stops printheads at the beginning and end of production runs. Also standard are a tool-free pallet locator system, quick release pallet locks, digital squeegee/floodbar speed display, and enhanced front micro-registration adjustments. Central Off-Contact permits fast adjustment of all stations simultaneously. M&R's exclusive patented Revolver Print Program™ automatically operates individual printheads in programmed sequence and allows multiple flashing without losing a printing position. M&R's patented Optical No-Shirt Detector (optional) minimizes the misprints and press stoppage that result from improper shirt loading.

CHALLENGER II & II OS TEXTILE PRINTERS

Available by special order. Call 841-7683 for more details.

Sidewinder™ R Series

M&R's Sidewinder is the world's best entry-level manual press, and it's available at an exceptionally affordable price. Built with M&R's rugged construction and innovative design, Sidewinder sets a new standard for entry-level manual presses. Sidewinder includes numerous proven design features, including multiple-bearing upper and lower carousel plates, precise micro-registration system, machined center shaft, and three-point pallet leveling system. Sidewinder comes in 4-station/4-color, 4-station/6-color, and 6-station/6-color models.



FEATURES

- The world's best entry-level manual press at an exceptional price
- Available in 4-station/4-color, 4-station/6-color, and 6-station/6-color models
- Integrates seamlessly with M&R's Tri-Loc® and Double Tri-Loc® registration system and any M&R automatic textile press



M&R's System Integration design allows Sidewinder to integrate seamlessly with M&R's Tri-Loc and Double Tri-Loc Registration System and any M&R automatic textile press to create a highly affordable registration/sampling/production system. Standard 41 x 56 cm (16" x 22") solid aluminum rubber-covered pallets are compatible with all other M&R manual presses. The maximum recommended frame size—64 x 91 cm (25" x 36")—supports the majority

of textile automatic screen sizes. Optional side clamps (with or without air locks), Triple-Play Pallets™ and M&R's Accu-Stroke™ Squeegee Guide maximize flexibility, aid setup, and help even novice printers ensure exceptional print quality and consistency.

SIDEWINDER R SERIES TEXTILE PRINTER

Available by special order. Call 841-7683 for more details.



Formula® 5070/5090

Formula dominates the ultra-high performance textile market, and it's the overwhelming choice of large, high-production print shops. Formula 5070 is available in 12, 14, and 18-color models with a 51 x 71 cm (20" x 28") maximum image area. Formula 5090 is available in 12 and 14-color models with a 51 x 91 cm (20" x 36") image area. All models feature servo-driven indexers, electric printheads, and multiple print-stroke capability.

Formulas excel in every way, from simple one-color designs on light fabrics to intricate prints on dark garments. And Formulas are exceptionally fast, with a fully-adjustable peel system that permits higher speeds and delivers clean, sharp images while reducing under-screen ink buildup. The press is compatible with most registration systems, including M&R's Tri-Loc® and Newman Pin-Lock.® Pneumatic clamps hold frames tight and allow rapid screen loading. Standard features like independent squeegee & floodbar speed adjustments, adjustable rear screen holders, independently-set angle and calibrated pressure adjustments, and independent print, reset, and print/flood speed controls on each printhead further simplify setup.



FEATURES

- 12-18 colors
- Maximum image area 51 x 91 cm (20" x 36")
- Standard pallet size 41 x 56 cm (16" x 22")



Other standard features include a user-friendly control panel with digital keypad, onboard self-diagnostics, real-time production data, and an independent print-start/print-finish setting that automatically activates and stops printheads at the beginning and end of production runs. Also standard are a tool-free pallet locator system, quick release pallet locks, digital squeegee/floodbar speed display, and enhanced front micro-registration adjustments. M&R's patented Optical No-Shirt Detector minimizes the misprints and press stoppage that result from improper shirt loading.

FORMULA 5070/5090 TEXTILE PRINTERS

Available by special order. Call 841-7683 for more details.

The Sportsman Autoprinter

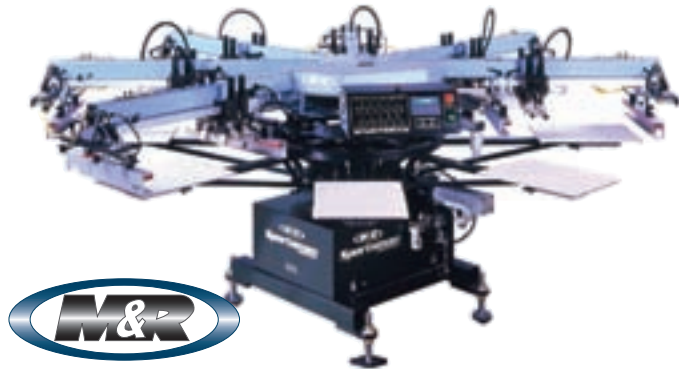
The Sportsman press will allow any shop to move into automation at a price that's almost too good to be true. Sportsman is designed to fit into most shops, and can even be broken down to fit through a standard 31" doorway (optional). Sportsman offers a large, 16" x 18" image area, and automatically operated print heads. The pallet carousel can be manually indexed, or automated with a pneumatic cylinder or electric servo drive. Central off-contact adjustment and pneumatic screen clamps are standard. Options include Squeegee Air Pressure Regulators for quick, easy balancing of squeegee print pressure, an Optic Shirt Detector, and a foot pedal to control indexing.

It is easy to set up and operate. Controls are clearly marked and easy to understand, and the control panel features programming and prompts in plain language. Constructed of rigid steel & aluminum and premium components.

The Gauntlet II

Gauntlet II is designed with a feature set not available on competing presses. With its color capacity & large print size, high production speed, user-friendly design, and compact size, the highly affordable Gauntlet II is the ideal addition to any size shop. Gauntlet II is available in 8, 10, 12, and 14-color models with a 41 x 56 cm (16" x 22") maximum image area. All models feature servo-driven indexers, electric printheads, and multiple print-stroke capability.

The press is compatible with most registration systems, including M&R's Tri-Loc® and Newman Pin-Lock®. Pneumatic clamps hold frames tight and allow rapid screen loading. Standard features like independent squeegee & floodbar speed adjustments, adjustable rear screen holders, independently-set angle and calibrated pressure adjustments, and independent print, reset, and print/flood speed controls on each printhead further simplify setup. Other standard features include a user-friendly control panel with digital keypad, onboard self-diagnostics, real-time production data, and an independent print-start/print-finish setting that automatically activates and stops printheads at the beginning and end of production runs.



SPORTSMAN AUTOPRINTER

Available by special order. Call 841-7683 for more details.



GAUNTLET II TEXTILE PRESS

Available by special order. Call 841-7683 for more details.