



Sportsman

Manual/Automatic Textile Press

Eng



Model shown has standard pneumatic drive and optional pneumatic squeegee/floodbar locks and squeegee pressure regulators

Sportsman™

The new M&R Sportsman press allows 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 configured to fit through a standard 31" (78 cm) doorway (optional). Sportsman—available in 6, 8, and 10-color models—offers a large, 16" x 18" (41 x 46 cm) maximum image area. All Sportsman presses offer automatically operated printheads. The carousel on the 6-color model can be manually indexed or it can be automated with a pneumatic cylinder or sophisticated electric servo drive (pneumatic, pneumatic-ready, and servo options must be specified when the order is placed). Servo drive, which combines higher press speeds with exceptional smoothness, consistency, and longevity, is standard on the 8 and 10-color models. Central off-contact adjustment and pneumatic screen clamps are standard, enabling quicker setup and adjustment. Also standard is M&R's patented Revolver Print Program™, which automatically operates individual printheads in programmed sequence and allows multiple flashing without losing a printing position. Revolver also simplifies hard-to-print jobs. Sportsman is compatible with most M&R Flash Cure Units, making it easy to find the flash that's right for you. Options include M&R's exclusive Optic Shirt Detector, a foot pedal to control indexing, Squeegee Air Pressure Regulators for quick, easy balancing of squeegee print pressure, and brushless, maintenance-free AC variable-frequency drive motors for the ultimate in print control (front stroke length adjustment comes standard with AC heads).

Printing can be further simplified with M&R's easy-to-use Tri-Loc® and Double Tri-Loc® Rapid Registration Systems, which allow operators to precisely match registration on the exposure unit with registration on the press. Tri-Loc systems, which work on all M&R manual and automatic carousel textile presses, can reduce setup time by as much as 95%.

Not only is Sportsman easy to afford, it's 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. Sportsman is constructed of rigid steel & aluminum and premium components. Like all M&R equipment, it's built with M&R's unsurpassed commitment to quality, durability, and design excellence, and backed by M&R's unparalleled service and support. If you're looking for a truly versatile press at a fantastic price, look to Sportsman.

Sportsman

Manual/Automatic Textile Press



Standard Features

Carousel/Indexer

- Counterclockwise rotation (clockwise capability available with servo-drive option)
- Freewheel capability

Central Off-Contact

- Permits fast, incremental single-lever adjustment of all stations simultaneously

Certification

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

Color Capacity (Stations/Colors)

- 8/6, 10/8, & 12/10

Control Center

- Control panel offers easy navigation, with programming and prompts in plain language
- Digital keypad with alphanumeric display
- Digital microprocessor with self-diagnostics
- Independent print start/print finish setting automatically activates and stops printheads at the beginning and end of production runs for operator convenience
- Production speed monitor ensures more accurate job costing
- Single/Double print stroke capability

Design & Construction

- Constructed of rigid steel & aluminum and premium components
- Pre-registration performed at the factory
- Printheads and pallet arms provide the stability necessary for exceptional print quality

Index System (Pneumatic Drive)

- Provides excellent speed and consistency at low cost

Index System (Servo Drive)

- Combines higher press speeds with exceptional smoothness, consistency, and longevity
- Standard on 8 and 10-color models

Maximum Image Area

- 16" x 18" (41 x 46 cm)

Pallet System

- Three-point pallet leveling system allows easy adjustment
- Tool-free pallet locator synchronizes the position of all pallets to speed up pallet changeover
- Tool-free quick release locking system for rapid adjustment, installation, and removal

Pallets

- Solid-aluminum, low-profile, rubber-coated pallets

Print Carriage

- True close-tolerance linear bearing carriage system for uniform ink deposit

Printheads

- Four-point off-contact adjustment on all printheads
- Independent print button on each head facilitates test printing
- Independent print/flood speed controls on each head simplify press setup and job proofing
- Independent reset button on each head enables freewheeling of carousel during setup
- Printheads can be added in the field

Registration

- Enhanced front micro-registration adjustments with visual guides

Revolver Print Program™

- Automatically operates individual printheads in programmed sequence and allows multiple flashing without losing a printing position (U.S. Patent No. 5,595,113)
- Simplifies hard-to-print jobs

Screen Clamps & Holders

- Adjustable rear screen holders accommodate a wide variety of screen sizes
- Clamping system holds roller frames without clamp adapters
- Compatible with numerous registration systems, including M&R's Tri-Loc® and Newman Pin-Lock®
- Flip-up front screen holders make setup fast and mid-run screen changes easy
- Pneumatic screen clamps facilitate rapid screen loading and deliver excellent stability

Squeegee/Floodbar

- Independent squeegee & floodbar speed adjustments

Stroke Length Adjustment (Rear)

- Calibrated rear stroke length with tool-free adjustment maximizes print speed and efficiency, and reduces the working of ink

Service

- 24-hour hotline

Training

- Access to M&R's Training Center

Warranty

- Two-year limited

Options & Accessories

Design & Construction

- Designed & disassembled to fit through a 31" (78 cm) doorway

Flash Cure Units

- M&R offers a full range of flash cure units

Foot Pedal Control

- Allows indexing of the press using a foot pedal instead of the control panel switch

Index System (Manual Drive)

- Available only on 6-color models
- 110v, 1 phase, 2 amps, 50/60 Hz or 208/230v, 1 phase, 1 amp, 50/60 Hz, both rated at 6.5 CFM @100 PSI

Index System (Pneumatic-ready Manual Drive)

- Allows a pneumatic drive to be installed at the customer's facility at a later date (additional charges apply)

- Available on 6-color models

Index System (Servo Drive)

- Must be ordered & installed at the time of purchase
- Optional on 6-color model

Optic Shirt Detector

- Minimizes misprints, facilitates operator training, and allows increased production speed (U.S. Patent No. 5,383,400)

Pallets

- M&R offers a wide range of sizes and styles

Printheads

- AC variable-frequency drive motors are brushless, maintenance-free, and offer the ultimate in print control
- Available on all 8 and 10-color models and on 6-color models equipped with servo index drive

Registration

- Locking rear micro-registration

Squeegee/Floodbar

- Pneumatic squeegee/floodbar locks with tool-free angle adjustment
- Squeegee air regulator with a pressure gauge on each printhead

Stroke Length Adjustment (Front)

- Front stroke length adjustment standard on models with optional AC printheads

Tri-Loc® and Double Tri-Loc® Rapid Registration Systems

- Dramatically speed setup

SPECIFICATIONS

Model (Stations/Colors)	Maximum Image Area	Maximum Frame Size	Standard Pallet Size	Diameter	Pneumatic Index Drive Pneumatic Heads		Servo Index Drive Pneumatic Heads		Servo Index Drive AC Heads		Shipping Weight (Approx.)
					Air @ 100 PSI	Electrical Requirements*	Air @ 100 PSI	Electrical Requirements*	Air @ 100 PSI	Electrical Requirements*	
Sportsman 8/6	16" x 18" (41 x 46 cm)	23" x 33" x 2" (58 x 84 x 5 cm)	16" x 22" (41 x 56 cm)	11' 9" (358 cm)	18 cfm	110v, 1 phase, 2 amps, 50/60 Hz 208/230v, 1 phase, 1 amp, 50/60 Hz	13.5 cfm	1 phase, 10 amps 3 phase, 7 amps	7 cfm	1 phase, 27 amps 3 phase, 17 amps	3025 lbs (1372 kg)
Sportsman 10/8	16" x 18" (41 x 46 cm)	23" x 33" x 2" (58 x 84 x 5 cm)	16" x 22" (41 x 56 cm)	12' 8" (386 cm)	PNEUMATIC INDEX DRIVE NOT AVAILABLE		27 cfm	1 phase, 10 amps 3 phase, 7 amps	9 cfm	1 phase, 32 amps 3 phase, 20 amps	3400 lbs (1542 kg)
Sportsman 12/10	16" x 18" (41 x 46 cm)	23" x 33" x 2" (58 x 84 x 5 cm)	16" x 22" (41 x 56 cm)	13' 10" (422 cm)	PNEUMATIC INDEX DRIVE NOT AVAILABLE		34 cfm	1 phase, 10 amps 3 phase, 7 amps	9 cfm	1 phase, 38 amps 3 phase, 23 amps	4000 lbs (1814 kg)

* If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly
Other electrical configurations are available: Contact M&R for details

M&R Sales and Service, Inc. is a wholly owned subsidiary of M&R Printing Equipment, Inc. Promotional information in this advertising brochure is believed accurate at the time of publication. However, M&R Sales and Service and the manufacturer(s) of such products expressly disclaim any liability for damages, whether consequential or incidental, resulting from the purchase, installation, or use of any products or services based upon information depicted herein. The buyer's rights and remedies, if any, are limited solely to those provided in writing by M&R Sales and Service or the manufacturer at the time of sale. Nothing contained herein shall convey any additional rights to the buyer or impose any additional obligations on M&R Sales and Service or any manufacturer. LT021303

