

Automatic Textile Press



FEATURES

- 6-10 colors
- Maximum image area
41 x 46 cm
(16" x 18")
- Standard pallet size
41 x 56 cm
(16" x 22")

Sportsman offers exceptional value and quality at an amazingly low price, making it the ideal press for shops on a budget or those looking for their first automatic press. Servo index drives are standard on Sportsman 8 & 10-color models, and optional on 6-color models. All are available with variable-speed electric printheads. Maximum image area is 41 x 46 cm (16" x 18") and standard pallet size is 41 x 56 cm (16" x 22").

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. 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 patented Optical No-Shirt Detector (optional) minimizes the misprints and press stoppage that result from improper shirt loading. M&R's exclusive patented Revolver Print Program™ automatically operates individual printheads in programmed sequence and allows multiple flashing without losing a printing position.

All equipment from The M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts. It's no wonder M&R is the first name in screen printing equipment.

www.mrprint.com

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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)

Control Center

- Countdown program indicates when operator-set index count has been reached
- Independent print-start/print-finish setting automatically activates and stops printheads at the beginning and end of production runs
- Multiple (1-9) print stroke capability
- Multi-print in the up position
- Onboard self-diagnostics
- Real-time production data
- User-friendly control panel with digital keypad

Index System

- Servo drive is standard on 8 and 10-color models
- Servo drives combine higher press speeds with exceptional smoothness, consistency, and longevity

Pallet System

- Precise three-point pallet leveling system
- Solid-aluminum, low-profile, rubber-coated pallets
- Tool-free pallet locator speeds pallet changeover
- Tool-free quick release pallet locks

Printheads

- Four-point off-contact adjustment
- Independent print button on each printhead
- Independent print/flood speed controls on each printhead simplify press setup
- Independent reset button on each printhead allows operator to lower the pallets and freewheel the carousel
- Pneumatic printheads standard (electric printheads optional)

Registration

- Compatible with numerous registration systems, including M&R's Tri-Loc® and Newman Pin-Lock®
- 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)

Screen Clamps & Holders

- Adjustable rear screen holders accommodate a wide variety of screen sizes
- Clamping system holds roller frames without special adapters
- Flip-up front screen holders speed setup
- Pneumatic clamps hold frames tight and allow rapid screen loading

Squeegee/Floodbar

- Angle and calibrated pressure adjustments are independently set
- Digital squeegee/floodbar speed display (servo printheads only)
- Front or rear print carriage stop position allows operator to leave screens clear or flooded (great for water-based inks)
- Independent squeegee & floodbar speed adjustments
- Visual reference marks every 5 degrees simplify squeegee/floodbar angle adjustments

Stroke Length Adjustment

- Calibrated front & rear stroke length with tool-free adjustment maximizes print speed
- Front stroke length adjustment standard on models with optional electric printheads

Warranty, Service and Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- Two-year limited warranty

OPTIONS

Design & Construction

- Designed & disassembled to fit through a 78 cm (31") doorway (6 & 8-color models only)

Foot Pedal Control

- Allows indexing of the press using a foot pedal
- Skip-Shirt foot pedal feature allows operators to avoid printing empty pallets

Index System

- 6-color model is available with servo drive or pneumatic drive

Optical No-Shirt Detector

- Automatically prevents the press from printing on empty pallets (U.S. Patent No. 5,383,400)
- Reduces misprints and minimizes press stoppage because of improperly loaded shirts

Printheads (Electric Drive)

- Available on all 8 and 10-color models and on 6-color models equipped with servo index drive
- Variable-speed motors deliver smooth print strokes and exceptional control

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

SPECIFICATIONS

	Sportsman 8/6	Sportsman 10/8	Sportsman 12/10
Air @ 6,9 bar (100 psi)	Pneumatic Index with Pneumatic Printheads: 510 l/min (18 cfm) Servo Index with Pneumatic Printheads: 382 l/min (13.5 cfm) Servo Index with Electric Printheads: 198 l/min (7 cfm)	Pneumatic Index with Pneumatic Printheads: Not Applicable Servo Index with Pneumatic Printheads: 765 l/min (27 cfm) Servo Index with Electric Printheads: 255 l/min (9 cfm)	Pneumatic Index with Pneumatic Printheads: Not Applicable Servo Index with Pneumatic Printheads: 963 l/min (34 cfm) Servo Index with Electric Printheads: 255 l/min (9 cfm)
Diameter	358 cm (11' 9")	386 cm (12' 8")	422 cm (13' 10")
Electrical Requirements¹	Pneumatic Index with Pneumatic Printheads: 110 v, 1 ph, 2 A, 50/60 Hz, 0.1 kW 208/230 V, 1 ph, 1.5 A, 50/60 Hz, 0.1 kW Servo Index with Pneumatic Printheads: 208/230 V, 1 ph, 10 A, 50/60 Hz, 0.9 kW 208/230 V, 3 ph, 7 A, 50/60 Hz, 0.9 kW 400 V, 3 ph, 4 A, 50/60 Hz, 0.9 kW Servo Index with Electric Printheads: 208/230 V, 1 ph, 27 A, 50/60 Hz, 3.2 kW 208/230 V, 3 ph, 17 A, 50/60 Hz, 3.2 kW 400 V, 3 ph, 10 A, 50/60 Hz, 3.2 kW	Pneumatic Index with Pneumatic Printheads: Not Applicable Servo Index with Pneumatic Printheads: 208/230 V, 1 ph, 10 A, 50/60 Hz, 0.9 kW 208/230 V, 3 ph, 7 A, 50/60 Hz, 0.9 kW 400 V, 3 ph, 4 A, 50/60 Hz, 0.9 kW Servo Index with Electric Printheads: 208/230 V, 1 ph, 32 A, 50/60 Hz, 3.9 kW 208/230 V, 3 ph, 20 A, 50/60 Hz, 3.9 kW 400 V, 3 ph, 11 A, 50/60 Hz, 3.9 kW	Pneumatic Index with Pneumatic Printheads: Not Applicable Servo Index with Pneumatic Printheads: 208/230 V, 1 ph, 10 A, 50/60 Hz, 0.9 kW 208/230 V, 3 ph, 7 A, 50/60 Hz, 0.9 kW 400 V, 3 ph, 4 A, 50/60 Hz, 0.9 kW Servo Index with Electric Printheads: 208/230 V, 1 ph, 38 A, 50/60 Hz, 4.6 kW 208/230 V, 3 ph, 23 A, 50/60 Hz, 4.6 kW 400 V, 3 ph, 14 A, 50/60 Hz, 4.6 kW
Maximum Frame Size	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")	58 x 84 x 5 cm (23" x 33" x 2")
Maximum Image Area	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")	41 x 46 cm (16" x 18")
Shipping Weight	1497 kg (3300 lb)	2000 kg (4010 lb)	2037 kg (4490 lb)
Standard Pallet Size	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")	41 x 56 cm (16" x 22")
Stations/Colors	8/6	10/8	12/10

¹If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact The M&R Companies for details.



The M&R Companies
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