

SPORTSMAN™ DPE



Automatic Textile Press



FEATURES

- **8 colors & 18 stations**
- **Standard image area**
41 x 46 cm (16" x 18")
- **Maximum image area**
76 x 72 cm (30" x 28.5")
- **Standard pallet size**
41 x 56 cm (16" x 22")

Sportsman DPE has the same simplicity of operation and performance-proven dependability as the Sportsman E, but with room to place flash units between print stations. Sportsman DPE's eight printheads and 18 stations enable users to flash between each printhead and still print up to eight colors. Sportsman DPE has a maximum print stroke length of 72 cm (28.5") and a standard image area of 41 x 46 cm (16" x 18"). Sportsman DPE's maximum image area (without flash cure units in place) is an impressive 76 x 72 cm (30" x 28.5"). 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 14 cm (5.7") color touch-screen display, 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. With its user-friendly touch-screen display; extensive standard-feature set; ability to cure after each of eight colors in a single rotation, Sportsman DPE is ideal for those seeking unprecedented affordability and versatility.

www.mrprint.com

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SPORTSMAN™ DPE

STANDARD FEATURES

Carousel/Indexer

- Clockwise or counterclockwise rotation
- Freewheel capability

Central Off-Contact

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

Certification

- CE Compliant (Built to specifications established by the European Committee for Standardization®)

Control Center

- 14 cm (5.7") color touch-screen display
- 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
- Onboard self-diagnostics
- Real-time production data

Index System

- Servo drive is standard
- 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

Printheads (Electric Drive)

- Variable-speed motors deliver smooth print strokes and exceptional control

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)
- Touch-screen display provides visual representation of the Revolver Sequencing Program

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

Warranty, Service and Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- Parts & supplies are available online at store.mrprint.com
- Two-year limited warranty

OPTIONS

Fold-Down Printhead Supports

- Enable easy loading of screens more than 71 cm (28") wide

Foot Pedal Control

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

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

Registration

- Locking rear micro-registration

SPECIFICATIONS

	Sportsman DPE
Air @ 6,9 bar (100 psi)	255 l/min (9 cfm)
Diameter	524 cm (17' 2")
Electrical Requirements ¹	380-415 V, 3 ph, 11 A, 50/60 Hz, 4.1 kW
Maximum Frame Size (without Flash Cure Units)	94 x 110.5 x 3.8 cm (37" x 43.5" x 1.5")
Maximum Image Area (without Flash Cure Units)	76 x 72 cm (30" x 28.5")
Maximum Print Stroke Length	72 cm (28.5")
Shipping Weight	2950 kg (6504 lbs)
Standard Frame Size (with Flash Cure Units)	58 x 84 x 3.8 cm (23" x 33" x 1.5")
Standard Image Area (with Flash Cure Units)	41 x 46 cm (16" x 18")
Standard Pallet Size	41 x 56 cm (16" x 22")
Stations/Colors	18/8

¹ 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



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