

SPORTSMAN™ EXG



Automatic Textile Press



FEATURES

- 12 & 14 colors
- Maximum image area
51 x 51 cm (20" x 20")
- Sportsman EXG occupies the sweet spot where press size, image area, print speed—and price—converge

Sportsman EXG is the successor to M&R's wildly popular Gauntlet II. But while it's built on the same foundation as Gauntlet II, Sportsman EXG has more standard features, greater maximum image area, and the ability to handle larger screen frames. It's an exceptionally fast press with a large 51 x 51 cm (20" x 20") maximum image area, compact footprint, and aggressive pricing. Sportsman EXG is available in 12 and 14-color models, and offers a wide array of standard features, starting with a servo-driven indexer that combines higher press speeds with exceptional smoothness, consistency, and longevity; variable-speed electric printheads for smooth print strokes and exceptional control; central off-contact for fast, incremental single-lever adjustment of all stations simultaneously; and a color touch-screen control panel with graphical display that provides onboard self-diagnostics, real-time production data, and user-friendly control over most press functions. Sportsman EXG's capacity for screen frame sizes up to 66 x 91 cm (26" x 36") gives printers the ability to utilize their stock screen inventories.

Sportsman EXG also offers digital squeegee/floodbar speed display, independent print-start/print-finish, multiple print-stroke capability and a tool-free pallet locator system. Adjustable rear screen holders, quick-release pallet locks, pneumatic screen clamps, and pneumatic squeegee/floodbar locks simplify setup and teardown. Independent print, reset, and print/flood speed controls on each printhead;

independent squeegee & floodbar speed adjustments; independently-set angle and calibrated squeegee and floodbar pressure adjustments; and a squeegee air regulator with a pressure gauge on each printhead deliver the speed and print quality that professionals demand. M&R's exclusive patented Revolver Print Program™ automatically operates individual printheads in programmed sequence and allows multiple flashing without losing a printing position, giving printers a level of flexibility unavailable on other presses. Sportsman EXG features enhanced front micro-registration adjustments with visual guides and locking rear micro-registration to simplify setup. The combination of Sportsman EXG's sophisticated registration features and M&R's Tri-Loc® or Double Tri-Loc® Rapid Registration Systems can reduce setup time by up to 95 percent.

Sportsman EXG is so fully equipped with standard features that there are only two options: M&R's Foot Pedal Control and M&R's patented Optical No-Shirt Detector. The Skip-Shirt Foot Pedal feature allows operators to prevent the press from printing on empty pallets. The Optical No-Shirt Detector handles the task automatically. With its large print size, exceptional speed, and long list of standard features, the affordable Sportsman EXG is the ideal addition to any size shop. If you're looking for the sweet spot where press size, image area, print speed—and price—converge, you'll find it in M&R's Sportsman EXG.

www.mrprint.com
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SPORTSMAN™ EXG

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

CONTROL CENTER

- Color touch-screen with graphical 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
- Multi-print in the up position
- Onboard self-diagnostics
- Real-time production data
- Test print setting turns individual printheads on/off during test print cycle

INDEX SYSTEM

- Double-Index feature allows a larger maximum image area when using alternating print heads
- 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 and reset buttons 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
- Variable-speed motors deliver smooth print strokes and exceptional control

REGISTRATION

- Compatible with M&R's Tri-Loc® & Double Tri-Loc® Rapid Registration Systems
- Enhanced front micro-registration adjustments with visual guides
- Locking rear micro-registration

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 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

FOOT PEDAL CONTROL

- 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

SPECIFICATIONS

	Sportsman EXG 14/12	Sportsman EXG 16/14
Air @ 6,9 bar (100 psi)	283 l/min (10 cfm)	510 l/min (18 cfm)
Diameter	518 cm (17')	561 cm (18' 5")
Electrical Requirements ¹	208/230 V, 3 ph, 38 A, 50/60 Hz, 7.8 kW 380/415 V, 3 ph, 23 A, 50/60 Hz, 7.8 kW	208/230 V, 3 ph, 42 A, 50/60 Hz, 8.5 kW 380/415 V, 3 ph, 25 A, 50/60 Hz, 8.5 kW
Maximum Frame Size	66 x 91 x 5 cm (26" x 36" x 2")	66 x 91 x 5 cm (26" x 36" x 2")
Maximum Image Area	51 x 51 cm (20" x 20")	51 x 51 cm (20" x 20")
Shipping Weight	2773 kg (6100 lb)	3068 kg (6750 lb)
Standard Pallet Size	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")	41 x 56 cm (16" x 22") 56 x 63 cm (22" x 25")
Stations/Colors	14/12	16/14

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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