



Renegade XLTM

Flatbed Graphic Press

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Renegade XL

Renegade XL is the extended version of Renegade, M&R's most innovative flat bed graphic press. Key innovations include Job Recall, which allows operators to store settings for numerous Renegade XL functions, including settings for delay, peel ratio, and dwell time. Operators can also store start and duration times for blowback and vacuum. These settings can be recalled later for repeat jobs—or for any jobs requiring similar settings—significantly reducing setup times.

Renegade XL takes a major step in assuring optimal squeegee pressure by allowing operators to add additional pressure to the center of the squeegee and floodbar with two independently controlled center cylinders. This helps assure the most crisp, clean prints possible. Renegade XL features cutting-edge microprocessor technology and sophisticated operator controls to go with M&R's innovative digital technological advances. Renegade XL also offers infinite peel adjustment and dial indicators for vacuum bed adjustment in .001 increments. The master frame is made of extruded aluminum instead of steel to help deliver superb print quality on posters, banners, vinyl, fleet-marking, glass, metal, display panels, and virtually all large format substrates, all at exceptional speed.

Presses in the Renegade Series are available in a wide range of sizes: Renegade XL sizes range from 46" X 68" (117 X 173 cm) to 52" X 120" (132 X 305 cm). Like all M&R equipment, Renegade XL is constructed of rigid steel and aluminum and premium electronic components, built with M&R's unsurpassed commitment to quality, durability, and design excellence, and backed by the best service and support in the industry. Renegade XL is simply the most advanced flat bed press in its class.

Renegade XL™

Flatbed Graphic Press



Standard Features

Certification

- Panel listed by Underwriter's Laboratories® (UL)

Control Center

- Digital keypad with alphanumeric display
- Digital microprocessor with self-diagnostics
- Job recall allows storage and recall of settings for delay, peel ratio, dwell time, and start and duration times for blowback and vacuum
- Production speed monitor for more accurate job costing
- Programming & prompts in plain language
- Squeegee speed, flood speed, and dwell times are independently controlled from control panel
- Two independent foot pedals: one for hands-free single cycle printing, one for vacuum control

Ink Dip System

- Patented retrieval system keeps ink in print area

Peel

- Automatically synchronized gear-driven peel
- Flat flood feature
- Infinitely adjustable

Print Carriage

- Adjustable (tool-free) front and rear sensors located on print heads
- Dynamic braking to keep print carriage out of printing area
- Heavy-duty chatter-free design
- Independent drives for print carriage and head lift
- Maintenance-free brushless AC motors adjust speed by frequency variation

Print Sizes Available

- 46" x 68" (117 x 173 cm), 52" x 84" (132 x 213 cm), 52" x 96" (132 x 244 cm) and 52" x 120" (132 x 305 cm)

Safety

- Wrap-around safety bar and infrared light beams on either side of the head trigger dynamic braking and reverse print head when activated

Screen Holders

- Adjustable screen holders accommodate a wide variety of screen sizes
- Master Frame detaches from raised head for easy screen access
- Tool-free, four corner off-contact settings allow quick and accurate screen placement at all four corners
- Zero off-contact capability offers greater control over print quality

Squeegees/Floodbars

- Adjustable pneumatic squeegee pressure equalizer maintains uniform pressure across length of squeegee
- Flood/non-flood setting leaves screen flooded or non-flooded after print cycle
- Independent print/flood speed controls
- Park position allows flood and squeegee to be raised and moved to front or rear without flooding or printing, and allows easy squeegee and floodbar installation and removal
- Repositionable squeegee and floodbar pressure cylinders
- Tool-free squeegee/floodbar pressure and angle adjustments are independently calibrated for superior print quality

Vacuum System

- Blowback and vacuum pressure control easily adjusts to different stock types and thickness
- Dial indicators for vacuum bed adjustment in .001 increments
- CNC-drilled 2" (5.08 cm) high heavy-gauge anodized aluminum vacuum bed, engineered to stay flat
- High volume vacuum turbine system with blowback
- Up-front access for easy setup and adjustment

Service

- 24-hour hotline

Training

- Access to M&R's Training Center

Warranty

- One-year limited

Options & Accessories

Certification

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

Control Center

- Management Production Software
- Modem with cable and module

Double Print Capability

Peel

- Stepper motor on peel

Registration System

- Registration Pins (round or square pins available)

Screen Clamps

- Pneumatic screen clamps securely lock frame in place

Sentry Takeoff

- Fully adjustable gripper-style

Squeegees/Floodbars

- Dripless squeegee attachment automatically moves squeegee over floodbar before flood stroke
- Pneumatic squeegee/floodbar air locks (includes tool-free angle adjustment)
- Skewed squeegee holder

Specifications

Maximum Image	Maximum OD Frame Size	Vacuum Bed OD Size	Total Floor Area	Electrical Requirements*	Sentry Takeoff Floor Area	Takeoff Electrical Requirements*	Weight
46" x 68" (117 x 173 cm)	68" x 88" x 2.5" (173 x 224 x 6.4 cm)	62" x 84" (1.57 x 2.13 m)	93" x 90" (2.36 x 2.29 m)	208/230v, 3 phase 20 amps, 50/60 Hz	140" x 65" (3.56 x 1.65 m)	208/230v, 3 phase 4 amps, 50/60 Hz	3200 lbs (1452 kg)
52" x 84" (132 x 213 cm)	74" x 106" x 2.5" (188 x 269 x 6.4 cm)	67" x 100" (1.7 x 2.54 m)	109" x 95" (2.77 x 2.41 m)	208/230v, 3 phase 20 amps, 50/60 Hz	158" x 65" (4.01 x 1.65 m)	208/230v, 3 phase 4 amps, 50/60 Hz	3500 lbs (1588 kg)
52" x 96" (132 x 244 cm)	74" x 118" x 2.5" (188 x 300 x 6.4 cm)	67" x 112" (1.7 x 2.84 m)	121" x 95" (3.07 x 2.41 m)	208/230v, 3 phase 20 amps, 50/60 Hz	170" x 65" (4.32 x 1.65 m)	208/230v, 3 phase 4 amps, 50/60 Hz	3700 lbs (1678 kg)
52" x 120" (132 x 305 cm)	74" x 142" x 2.5" (188 x 361 x 6.4 cm)	67" x 136" (1.7 x 3.45 m)	145" x 95" (3.68 x 2.41 m)	208/230v, 3 phase 20 amps, 50/60 Hz	190" x 65" (4.83 x 1.65 m)	208/230v, 3 phase 4 amps, 50/60 Hz	4000 lbs (1814 kg)

* If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly

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