



# Renegade™

Flatbed Graphic Press

Eng



## Renegade

Renegade is the most compact of the Renegade Series, M&R's innovative line of flat bed graphic presses. Key innovations include front screen loading, repositionable squeegee and floodbar pressure cylinders, and Job Recall. Job Recall allows operators to store settings for numerous Renegade functions, including settings for delay, peel ratio, and dwell time. In addition, operators can 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 takes a major step in assuring optimal squeegee pressure by allowing operators to move squeegee and floodbar pressure cylinders closer together or further apart, according to the width of the screen being used. This helps assure the most crisp, clean prints possible. Renegade features cutting-edge microprocessor technology and sophisticated operator controls to go with M&R's innovative digital technological advances. Renegade also offers infinite peel adjustment and dial indicators for vacuum bed adjustment in .001 increments.

Presses in the Renegade Series are available in a wide range of sizes. Renegade sizes range from a compact 26" x 38" (66 x 97 cm) to 40" x 56" (102 x 142 cm). Like all M&R equipment, Renegade 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™

## 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-stage foot pedal allows hands-free single cycle printing, and controls press operation and vacuum independently

#### 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

- 26" x 38" (66 x 97 cm), 30" x 40" (76 x 102), 38" x 50" (97 x 127 cm), and 40" x 56" (102 x 142)

#### Safety

- Wrap-around safety bar triggers dynamic braking and reverses 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
- CNC-drilled 2" (5.08 cm) high heavy-gauge anodized aluminum vacuum bed, engineered to stay flat
- Dial indicators for vacuum bed adjustment in .001 increments
- 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

#### Electrical

- Other voltages available

#### 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
26" X 38" (66 X 97 cm)	52" X 49" X 2.25" (132 X 124 X 5.7 cm)	46" X 46" (1.17 X 1.17 m)	63" X 68" (1.6 X 1.73 m)	208/230v, 3 phase 11/12 amps, 60 Hz	96" X 43" (2.44 X 1.09 m)	208/230v, 3 phase 2.5 amps, 60 Hz	1800 lbs (816 kg)
30" X 40" (76 X 102 cm)	52" X 49" X 2.25" (132 X 124 X 5.7 cm)	46" X 46" (1.17 X 1.17 m)	63" X 68" (1.6 X 1.73 m)	208/230v, 3 phase 11/12 amps, 60 Hz	96" X 43" (2.44 X 1.09 m)	208/230v, 3 phase 2.5 amps, 60 Hz	2000 lbs (907 kg)
38" X 50" (97 X 127 cm)	68" X 59" X 2.25" (173 X 150 X 5.7 cm)	56" X 62" (1.42 X 1.57 m)	79.5" X 77" (2.02 X 1.96 m)	208/230v, 3 phase 12/13 amps, 60 Hz	114" X 63" (2.9 X 1.6 m)	208/230v, 3 phase 3 amps, 60 Hz	2400 lbs (1089 kg)
40" X 56" (102 X 142 cm)	68" X 59" X 2.25" (173 X 150 X 5.7 cm)	56" X 62" (1.42 X 1.57 m)	79.5" X 77" (2.02 X 1.96 m)	208/230v, 3 phase 12/13 amps, 60 Hz	114" X 63" (2.9 X 1.6 m)	208/230v, 3 phase 3 amps, 60 Hz	2700 lbs (1225 kg)

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

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. 102400

