



Saturn

Flatbed Graphic Press

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Saturn®

Saturn is the affordable small-format graphics press with the speed and print quality typically associated with larger, more expensive presses. Instead of the cams and levers traditionally found on presses of this size, the innovative Saturn uses two motors, one for press lift-and-lower and another for print/flood. These motors operate independently to provide an unsurpassed level of speed, efficiency, flexibility, and print quality.

Saturn's digital keypad with alphanumeric display makes programming easy, and Saturn's control center includes self-diagnostics. A production speed monitor provides more accurate job costing. Setup is quick and easy with Saturn's micro-registration adjustments and visual guides. Dynamic peel, adjustable blowback, and adjustable front and rear print stroke sensors are standard. Saturn's heavy-duty design and one-inch thick aluminum honeycomb vacuum bed provide the rigidity and stability necessary for high quality prints and long press life.

Like all M&R equipment, Saturn is built with M&R's unsurpassed commitment to quality, durability, and design excellence, and is backed by the best service and support in the industry. If you want a graphic press that's small in format but large in features and quality, you'll find that Saturn runs rings around the competition.

www.nuarc.co.kr

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Standard Features

Certification

- Panel meets Underwriters Laboratories® (UL) standards and carries the UL label

Control Center

- Control panel offers easy navigation, with programming and prompts in plain language
- Digital keypad with alphanumeric display
- Digital microprocessor with self-diagnostics
- Dwell and load station vacuum times are independently managed from the control panel
- Flood/non-flood setting leaves screen flooded or non-flooded after print cycle
- Production speed monitor ensures more accurate job costing

Design & Construction

- Constructed of rigid steel & aluminum and premium components
- Cycle interruption bars and light beams stop press when activated
- Design provides superb operator access

Master Frame

- Detaches from raised head for easy access

Maximum Image Area

- 15" x 26" (38 x 66 cm), 25" x 38" (64 x 97 cm), and 30" x 40" (76 x 102 cm)

Off-Contact

- Four-corner off-contact settings allow quick and accurate screen leveling
- Zero off-contact capability offers greater control over print quality

Peel System

- Automatically synchronized cam-driven peel
- Infinitely adjustable within range

Print Carriage

- Adjustable, tool-free front and rear sensors located on the printhead
- Dynamic braking prevents the print carriage from drifting into the printing area
- Hardened steel tracks provide years of smooth, vibration-free printing
- Heavy-duty design
- Independent drives for print carriage and head lift

Screen Clamps & Holders

- Adjustable screen holders accommodate a wide variety of screen sizes
- Manual clamps securely lock frame in place

Squeegees/Floodbars

- Calibrated independent and micro-adjustable pressure settings
- Squeegee and floodbar traverse speeds can be set individually
- Squeegee pressure equalizer regulator ensures uniform squeegee pressure
- Tool-free pressure and angle adjustments are independently set for superior print quality

Vacuum System

- CNC-drilled 1" (2.54 cm) thick heavy-gauge anodized aluminum vacuum bed
- SoftVac™ whisper-quiet, high-volume vacuum system

Options & Accessories

Certification

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

Print Bed Registration

- Round or square pins—fixed location

Screen Clamps & Holders

- Pneumatic screen clamps facilitate rapid screen loading and deliver excellent stability on a wide variety of screens

Takeoff System

- M&R's Sentry™ is a fully adjustable gripper-style takeoff that adapts to virtually any substrate

Squeegee/Floodbar

- Pneumatic squeegee/floodbar locks

Service

- 24-hour hotline

Training

- Access to M&R's Training Center

Warranty

- One-year limited

SPECIFICATIONS

Model	Maximum Image Area	Maximum Frame Size	Vacuum Bed Size	Total Floor Area	Air @ 100 PSI	Electrical Requirements*	Sentry Takeoff Floor Area	Total Length with Takeoff	Takeoff Electrical Requirements*	Shipping Weight
Saturn 1526	15" x 26" (38 x 66 cm)	32" x 38" x 2.25" (81 x 97 x 5.7 cm)	25" x 32" (64 x 81 cm)	39.25" x 48" (100 x 122 cm)	3 scfm	110v, 1 phase 15 amps, 60 Hz**	82" x 26" (208 x 66 cm)	118" (3.0 m)	110v, 1 phase 4 amps, 60 Hz**	1200 lbs (544 kg)
Saturn 2538	25" x 38" (64 x 97 cm)	42" x 50" x 2.25" (106 x 127 x 5.7 cm)	35" x 44" (89 x 112 cm)	54.25" x 58" (138 x 147 cm)	3 scfm	110v, 1 phase 15 amps, 60 Hz**	86" x 36" (218 x 91 cm)	134" (3.4 m)	110v, 1 phase 4 amps, 60 Hz**	1400 lbs (635 kg)
Saturn 3040	30" x 40" (76 x 102 cm)	47" x 52" x 2.25" (121 x 133 x 5.7 cm)	40" x 44" (102 x 112 cm)	54.25" x 63" (138 x 160 cm)	3 scfm	110v, 1 phase 15 amps, 60 Hz**	86" x 41" (218 x 104 cm)	134" (3.4 m)	110v, 1 phase 4 amps, 60 Hz**	1600 lbs (726 kg)

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

** Other electrical configurations available: Contact M&R for details

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