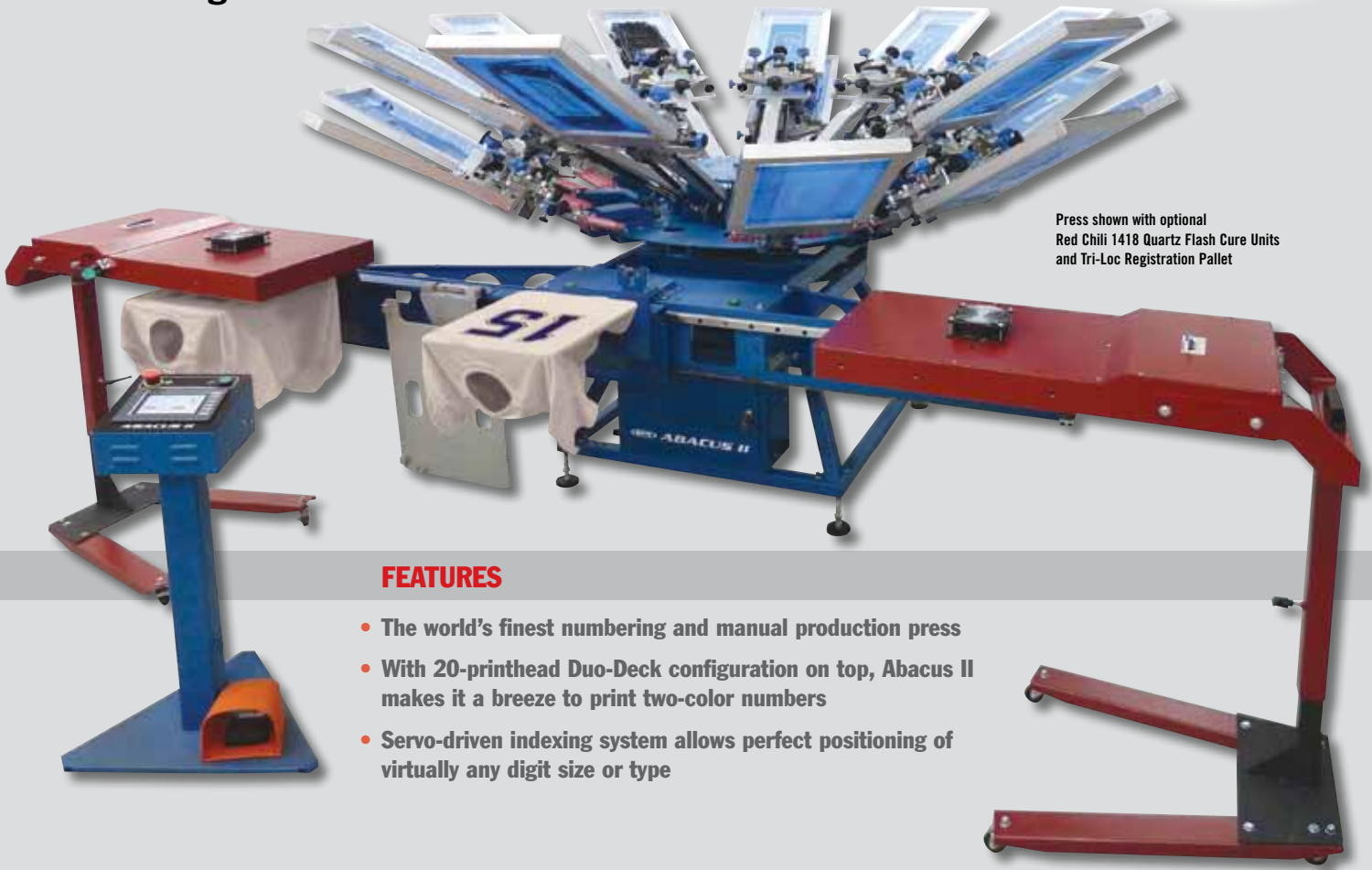


Numbering Press



Press shown with optional
Red Chili 1418 Quartz Flash Cure Units
and Tri-Loc Registration Pallet

FEATURES

- The world's finest numbering and manual production press
- With 20-printhead Duo-Deck configuration on top, Abacus II makes it a breeze to print two-color numbers
- Servo-driven indexing system allows perfect positioning of virtually any digit size or type

Abacus II combines M&R's versatile numbering system with Chameleon quality, performance, and durability. This unique two-station numbering press features a 20-printhead Duo-Deck configuration, making it a breeze to print two-color numbers. Abacus II's servo-driven indexing system, controlled by an advanced touch-screen user interface, allows perfect positioning of virtually any digit size or type. Unlike competing systems, there's no question about which screen goes where in a master screen chase, nor about how to position an oversize screen containing multiple digits. Instead, users simply enter the dimensions of the digits to be printed and the gap between the digits. Abacus II does the rest. Printing can be done on a wide variety of pallets, including flat pallets and several types of swivel-and-slide numbering pallets. M&R's numbering pallets enable users to print two digits on a single shirt without flashing.

Abacus II also excels at standard multi-color printing. The standard frame size for M&R's numbering system is 38 x 58 cm (15" x 23"), but

it can simultaneously accommodate screen frames up to 51 x 61 cm (20" x 24") in all 20 printheads—or screen frames up to 58 x 79 cm (23" x 31") in every other printhead. Abacus II features also include a machine-tooled and polished 7.62 cm (3") center shaft, heavy-duty tapered roller bearings, extra-large knobs, micro-registration with dual off-contact adjustment, and tool-free spring tension adjustment.

To complement Abacus II, M&R developed the Serrano V Flash Cure System and a specialized version of the Tri-Loc Registration System. Serrano V allows simultaneous flashing of both halves of inverted-V numbering pallets. When equipped with flat pallets, Abacus II is also compatible with most other quartz and traditional shuttle-type infrared flash cure units. The Abacus II Tri-Loc System allows users to achieve precise registration quickly and easily. With revolutionary two-tier design, an exceptionally precise servo-driven indexing system, and rugged construction, Abacus II is the world's finest numbering and manual production press.

ABACUS™ II

STANDARD FEATURES

CONTROL CENTER

- Advanced touch-screen control panel

DESIGN & CONSTRUCTION

- Extra-large user-friendly knobs
- Heavy-duty tapered roller bearings
- Hinged arm assembly (U.S. Patent No. 5,881,641) expands color capacity without expanding press footprint
- Machine-tooled and polished 7.62 cm (3") center shaft

DUO-DECK™ TWO-TIER SYSTEM

- Allows setup for two-color numbers (0-9)
- Ten-color upper and 10-color lower carousel standard

FONT SIZES AND STYLES

- Supports a wide range of number sizes and styles (contact the M&R Customer Service Department for details)

PALLET SYSTEM

- Precise three-point pallet leveling system
- Solid-aluminum, low-profile, rubber-coated pallets
- Standard sizes are interchangeable with M&R automatic presses
- Tool-free quick release pallet locks

REGISTRATION

- Compatible with M&R's Abacus II Tri-Loc®
- Micro-registration with zero set point guides
- Multi-axis registration with dual off-contact adjustment
- V-Guide locator system

SCREEN CLAMPS & HOLDERS

- Rear screen holders offer solid support and holding power

SPRING TENSION SYSTEM

- Accommodates a wide variety of screen types, sizes, and weights
- Easy to adjust with M&R's exclusive tool-free design

WARRANTY, SERVICE AND SUPPORT

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

OPTIONS

JACKET HOLD-DOWN PALLET

- Allows the printing of lined jackets, reversible/double layer mesh-type jerseys, and other multi-layer garments
- Press must be equipped with at least one standard pallet arm for jacket hold down

PALLETS

- M&R offers a wide range of sizes and styles

SWIVEL-PALLET SYSTEM

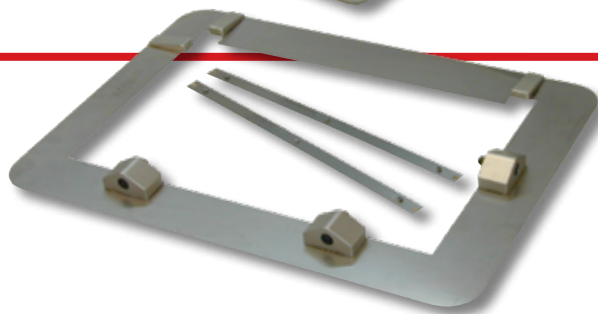
- Enables users to print two-digit numbers without flashing the first digit



SPECIFICATIONS

	Abacus II 8/20
Dimensions	290 x 295 cm (114" x 116")
Electrical Requirements ¹	208/230 V, 1 ph, 5 A, 50/60 Hz, 1 kW
Maximum Frame Size	58 x 84 x 5 cm (23" x 33" x 2")
Maximum Image Area	51 x 76 cm (16" x 18")
Shipping Weight	998 kg (2200 lb)
Standard Pallet Size	38 x 41 cm (15" x 16")
Stations/Colors	2/20

¹ If 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.



Optional Abacus II Tri-Loc® Registration System



The M&R Companies
M&R • NUARC • AMSCOMATIC

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