



# *Economax II*<sup>TM</sup>

*Electric Textile Dryer*

*Eng*



## *Economax II*

Economax II is the ultimate in affordable, space-saving textile dryers. Easy to own and economical to operate, Economax II offers standard features like energy-efficient infrared panels, microprocessor-controlled temperature adjustments, and a heat-resistant, Teflon®-coated fiberglass conveyor belt. Economax II's System-Saver allows blower and belt to continue to run in cooldown mode after radiant panel shutdown, then shut off automatically upon reaching the cooldown target temperature. The well-insulated Economax II is constructed of rigid steel, and its conveyor belt is driven by a reliable, heavy-duty DC motor. Economax II can be equipped with a third radiant panel for increased production capacity, and its infeed conveyor can be extended for versatility.

This rugged, affordable dryer is designed for years of dependable performance, and it's the perfect companion for M&R's revolutionary Chameleon manual press. Team Economax II with Chameleon and M&R's Tri-Loc Rapid Registration System, and you have the foundation of the world's most innovative textile printing system.

Like all M&R equipment, Economax II 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.

# Economax II<sup>TM</sup>

## Electric Textile Dryer

### Standard Features

#### Air Handling

- Adjustable air displacement and evacuation systems

#### Certification

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

#### Control Center

- Air-cooled cabinet assures long life for electrical components
- Fuzzy-Logic temperature controller program learns to modulate dryer process temperature more accurately as the dryer runs, ensuring the ultimate in curing consistency
- Process temperature and set temperature are displayed and controlled digitally
- Solid-state design
- System-Saver allows blowers and belt to continue to run in cooldown mode after heat source shutdown, then shut off automatically upon reaching the cooldown target temperature

#### Conveyor Belt Width

- 24" (61 cm)

#### Conveyor System

- Conveyor belt is made of heat-resistant, Teflon®-coated fiberglass
- Driven by a reliable, heavy-duty, variable-speed DC motor
- Solid-state belt speed controller

#### Design & Construction

- Adjustable entry/exit openings
- Assembled and tested at M&R's factory to assure turnkey operation
- Constructed of rigid steel and premium components
- Designed for maximum thermal efficiency
- Low-profile design

#### Heat Chamber

- Infrared radiant panel array, with easy, four-point height adjustment, delivers fast, dependable drying/curing

#### Service

- 24-hour hotline

#### Training

- Access to M&R's Training Center

#### Warranty

- Two-year limited

### Options & Accessories

#### Certification

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

#### Conveyor System

- Infeed conveyor may be extended in 1' (30 cm) increments

#### Design & Construction

- Optional shorter legs for tabletop use

#### Heat Chamber

- Optional third radiant panel for increased production capacity



### SPECIFICATIONS

Model	Belt Width	Heat Chamber Length	Radiant Panels	Standard Infeed Length	Standard Outfeed Length	Overall Length	Overall Width	Overall Height	Height (with legs folded for shipping <sup>**</sup> )	Electrical Requirements*	Exhaust Duct Size	Shipping Weight
Economax II	24" (61 cm)	3' 9" (114 cm)	2	2' 6" (76 cm)	1' 7" (48 cm)	7' 10" (239 cm)	33" (84cm)	50" (127cm)	27" (69cm)	208/230v, 1 phase, 29/31 amps, 50/60 Hz 380/415v, 3 phase, 16/18 amps, 50/60 Hz	4" (10 cm)	480 lbs (218 kg)
Economax II	24" (61 cm)	3' 9" (114 cm)	3	2' 6" (76 cm)	1' 7" (48 cm)	7' 10" (239 cm)	33" (84cm)	50" (127cm)	27" (69cm)	208/230v, 1 phase, 41/43 amps, 50/60 Hz 380/415v, 3 phase, 23/26 amps, 50/60 Hz	4" (10 cm)	500 lbs (227 kg)

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

\*\* Allows an Economax II on its side to fit through standard 31" (78 cm) doorway

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