

K-840™



Automatic Shirt Folder



K-840 WITH OPTIONAL
LS-300 LONG SLEEVE
FOLDING ATTACHMENT

FEATURES

- Dual-belt transport system dramatically improves folding performance
- Parallel-adjusting fold plates ensure clean, straight folds
- Timing belt drive system for smooth, quiet operation

Amscomatic's K-840 is a sophisticated high-speed automatic folding system designed to precisely fold a wide variety of garments and other textile items. It's engineered for dependable performance and low maintenance in demanding, high-production environments, and can be easily integrated with other Amscomatic equipment into an automatic folding/bagging/sealing system. A significant technological breakthrough—M&R's patented bottom pulling dual-belt (upper and lower) transport system—finally makes it possible to fold garments printed with high density or gel inks.

Folding plates electronically adjust to the desired width while staying parallel to each other. This allows tighter, more consistent folding on all types of products. Wide transfer belts in the second-fold area minimize maintenance and improve performance. The entire garment

transport system uses a timing belt drive, which runs quieter and requires less long-term maintenance than chain & sprocket drives.

Top covers of Plexiglas and extruded aluminum provide clear views and easy access to components from both sides of the folder. Quick-release side panel covers allow easy access to the inner workings of the machine. All covers are interlocked, ensuring that the machine will not operate when a cover has been loosened or removed. Folding adjustments are made using the dials and switches on the control panel. The K-840 can be combined with various styles of label applicators and printers, further improving productivity. Capable of cycle speeds in excess of 1500 garments per hour, Amscomatic's automatic folding machines are the most efficient and productive in the world.

www.mrprint.com
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K-840™

STANDARD FEATURES

CERTIFICATION

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

CONTROL CENTER

- Electronic cycle counter for production rate tracking
- Fold parameters are changed electrically
- PLC (programmable logic control)

CYCLE SENSORS

- Choice of Finger (Opto-Eye) Sensor or Shirt (Speed-Eye) automatic loading sensor
- Finger (Opto-Eye) Sensor allows more time for loading garments that are difficult to place properly on the drape table
- Shirt (Speed-Eye) Sensor increases production by automatically initiating the folding cycle when a sensor determines that a garment is in position on the drape table

DESIGN & CONSTRUCTION

- Bottom Pulling Belt (U.S. Patent No. 6,913,171) makes it possible to fold garments printed with high density or gel inks
- Circuit breakers protect the electrical panel
- Interlocking system prevents machine operation when any cover has been opened or removed
- Parallel fold plates offer the ultimate in folding performance
- Side panel covers have quick-release latches
- Top covers of Plexiglas and extruded aluminum provide excellent visibility and allow access from both sides of the folder
- Unitized frame

FOLD WIDTH

- Additional fold plate sizes expand folder capability
- Adjusts to different size products
- Standard fold plate width is 13 to 23 cm (5" to 9")

INFEED SYSTEM

- Drape Table

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

CYCLE SENSORS

- Finger (Opto-Eye) Sensor + Shirt (Speed-Eye) Sensor combination offers the ultimate in versatility

DESIGN & CONSTRUCTION

- Heavy-duty casters for easy mobility

FOLD PLATES

- 18 to 33 cm (7" to 13")

INFEED SYSTEM

- Belt infeed continuous motion feeding system
- Card-Feed automatic stiffening-card insertion system

LABELING SYSTEMS

- See the M&R website for Amscomatic labelers

LONG SLEEVE FOLDING ATTACHMENT

- LS-300 adds the ability to quickly and efficiently fold most kinds of long-sleeved garments

SPLIT BELT

- Gap between dual top belts allows buttons, plackets, and zippers to pass through
- Replaces solid top belt

SPECIFICATIONS

	K-840
Air @ 5,5 bar (80 psi)	85 l/min (3 cfm)
Electrical Requirements ¹	110 V, 1 ph, 8.4 A, 50/60 Hz, 1 kW 208/230 V, 1 ph, 4.2 A, 50/60 Hz, 1 kW
Shipping Weight	817 kg (1800 lb)
Size (L x W x H)	356 x 89 x 130 cm (140" x 35" x 51")
Size with LS-300 (L x W x H)	478 x 89 x 130 cm (188" x 35" x 51")

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.



The M&R Companies
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