

K-950™

Automatic Folding System



FEATURES

- Patented dual-belt transport system dramatically improves folding performance
- Job Recall™ provides storage and retrieval of up to 99 fold settings for quick changeover
- Timing belt drive system for smooth, quiet operation

Amscomatic's K-950 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 to create a highly-productive folding/labeling/bagging/sealing system. A significant technological breakthrough—M&R's patented bottom pulling dual-belt (upper and lower) transport system—transports garments on a moving belt instead of the stationary plate used on competing systems. The K-950's dual-belt makes it easy 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.

Plexiglas top covers provide a clear view of the folding process while offering easy access to components from both sides of the machine. 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. K-950's touch-screen control panel is mounted on a convenient swiveling arm, which allows tailoring of the machine's control configuration to better suit operator preferences. This touch-screen interface controls all machine operating parameters, while Job Recall™ provides storage and retrieval of up to 99 fold settings for quick changeover.

K-950™

STANDARD FEATURES

CERTIFICATION

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

CONTROL CENTER

- Electronic cycle counter for production rate tracking
- Job Recall™ provides storage and retrieval of up to 99 fold settings
- LCD color touch-screen interface controls machine functions
- PLC (programmable logic control)
- Servo-driven fold plate and tucker plate mechanisms

CYCLE SENSORS

- Choice of Shirt Sensor or Touch Sensor cycle-start switch
- The Shirt Sensor initiates the folding cycle as soon as it sees a garment on the drape table (best for speed)
- The Touch Sensor initiates the folding cycle whenever the operator touches the sensor (best for garments that are difficult to place properly on the drape table)

DESIGN & CONSTRUCTION

- Bottom Pulling Belt (U.S. Patent No. 6,913,171) makes it easy to fold thick garments like sweatshirts, as well as garments printed with puff, 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
- Plexiglas top covers provide a clear view of the folding process and allow access from both sides of the folder
- Unitized frame

FOLD WIDTH

- Fold plates offer a wide 13 - 33 cm (5"-13") range of adjustment

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

OPTIONS

CYCLE SENSORS

- Dual-Sensor option allows operators to switch between Shirt Sensor and Touch Sensor according to the skill of the operator and the type of garment

DESIGN & CONSTRUCTION

- Heavy-duty casters for easy mobility

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-950
Air @ 5,5 bar (80 psi)	85 l/min (3 cfm)
Electrical Requirements ¹	110 V, 1 ph, 9.8 A, 50/60 Hz, 1.1 kW 208/230 V, 1 ph, 4.9 A, 50/60 Hz, 1.2 kW
Shipping Weight	817 kg (1800 lb)
Size (L x W x H)	356 x 81 x 130 cm (140" x 32" 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.