

XMV TE

3-in-1 Solution for Highest Process Safety



A Compact, Fully Integrated System for Marking, Verification, and Sealing

The XMV TE system is an advanced inspection solution which integrates three processes into one compact system; combining printing and vision verification with secure, tamper-evident sealing to ensure global traceability and assist in fraud protection. The coded information printed on the cartons is verified for accuracy and legibility and serves as a key for legally required quality certificates. Products are serialized and sealed with highest accuracy even at maximum throughput rates. The new enclosure features electric locks which prevent access during production runs for increased process safety, but access to system components is easy once the cover is lifted.

Inside deflectors and bottom plate together with minimized horizontal surfaces and optimized cable position contribute to the GMP compliant design as well as easier and faster production line clearing.

Benefits

- Compliance with EU delegated act 2011/62/EU and EN 16679
- Intelligent, GMP-compliant design
- Increased process safety consumer and brand protection

XMV TE

Compact Combination System

The XMV TE can be easily integrated into new production lines or added to upgrade existing lines. It provides a full range of functions and user-friendliness while simultaneously reducing the complexity of your packaging process. A transfer unit moves cartons directly from the cartoner into the system, which can be adjusted to different product dimensions in a matter of seconds. The safety seal applicator labels the products to ensure maximum product safety and tamper evidence, protecting consumers and brand reputation. An inkjet marking system reliably prints unique data such as batch codes, expiry dates and 2D datamatrix codes or barcodes in a very high quality on the side of the carton. The vision inspection system verifies the printed data and saves it in an internal database. Illegible or poor quality products are rejected reliably and accurately. A user friendly interface for product changeover, rapid print cartridge replacement and highly adjustable components all ensure set-up times are kept to a minimum, ensuring maximum uptime. All systems components have been designed to work in perfect harmony to minimize all factors which could negatively influence the sealing accuracy or printing quality.



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Inkjet Printer & Cameras

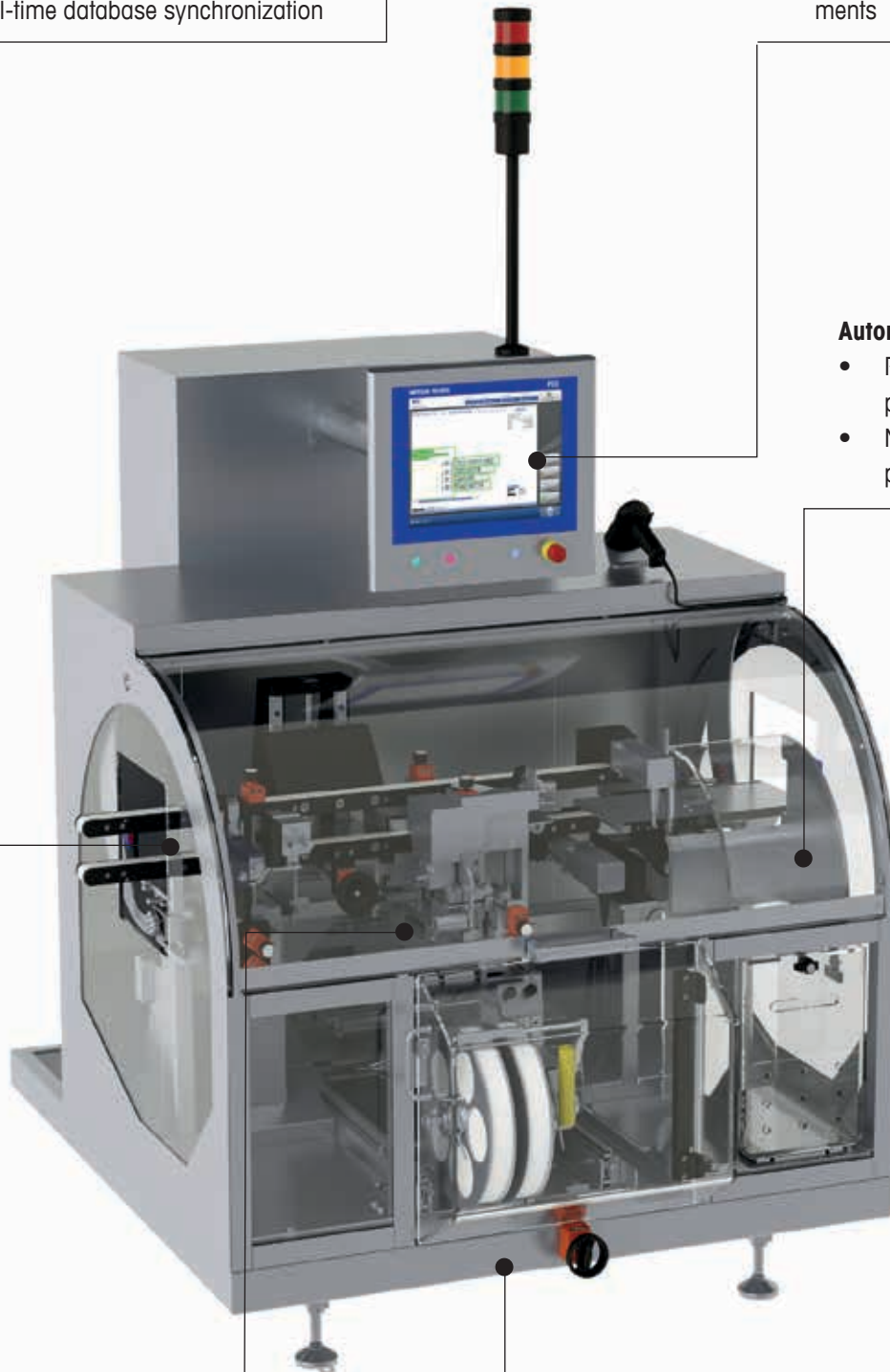
- Up to 3 PCE Smart Cameras
- Throughput up to 300 products/minute
- Real-time database synchronization

Integrated Line Management Software

- Intuitive Production Workflow Management
- Integration into corporate ERP environments

Automatic Rejection Unit

- Reliable detection and removal of imperfect products
- Non-disruptive production flow - Improved efficiency



Tamper Evident Sealing Unit

- Integrated closure application on front and rear of each carton
- Compliance with EU delegated act 2011/62/EU and prEN 16679

GMP compliant design

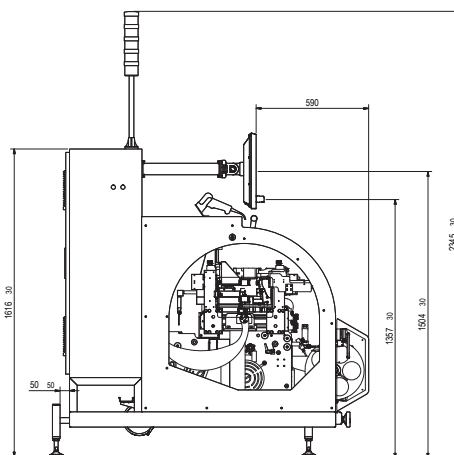
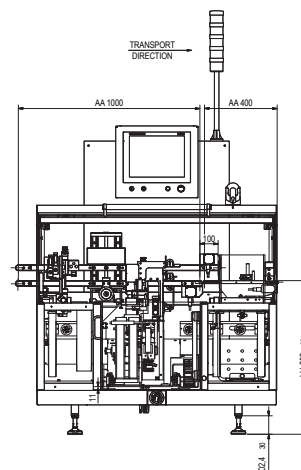
- Full length cover with electro-mechanic safety locks
- Faster production changeover

XMV TE

The compact combination system for counterfeit protection,
Track & Trace serialization with Tamper Evident Label

Options and accessories

- Inkjet print system - front and/or rear
- Various verification camera types
- Various monitoring facilities (e. g. detection of product backup)
- Askew package detection and / or open flap detection in the infeed area to protect downstream equipment
- FAT / SAT / validation support
- Open flap detection protects the print head and downstream packaging machines with automatic belt stop
- Additional print heads for printing larger images
- Utility option: 110VAC 50/60 Hz
- Wireless or wired hand scanner
- Additional infeed and outfeed conveyors



Technical details	XMV TE	XMV
Throughput	Max. 300* (pieces / minute)	400
Height of folded box	20 to 100** mm	up to 100**
Pass width	75 to max. 200 mm	40 to max 200
Printer resolution	max. 600 dpi	600 dpi
Camera resolution	max. 1550 x 1200 pixels	max 1550 x 1200 px
Roller centres (A-A), outfeed conveyor	400 mm (Default)	300 mm default
Belt width (B-B), infeed conveyor	40 mm (Default)	45 mm default
Belt width (B-B), outfeed conveyor	200 mm (Default)	200 mm default
Standard sorting / rejecting device	air jet, pusher for heavy duty	air jet, pusher for heavy duty
Line height (TH)	850 mm +/- 30 mm (other heights on enquiry)	750 - 950 mm
TE Label Type & Material	PP-FOIL TR. GL. 80G (ACRYL) or PET TRANS MIT VOID	n.a.
TE Label format	Min. 20 x 20 mm (B x H) - max. 40 x 40 mm (BxH)	n.a.
TE Placing accuracy	+/- 0.8 mm	n.a.

* depending on the dimensions of the carton and the data to be printed

** observe the printing height

www.mt.com/pce

For more information



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