

# MV-70

Serialization & Tamper Evident Labeling



Engineered for your success



The MV-70 pack handling systems are designed to cover mark & verify, tamper evident labeling and/or check weighing requirements for folding boxes in your production lines.

Machines that belong to the MV-70 family include:

- **MV-70 C**
- **MV-70 TL**
- **MV-70 TL + CW**

## **MV-70 C**

### **MARK & VERIFY SOLUTION**

Production line requiring can vary widely, hence the need for a variable marking solution. The MV-70 C offers just that with its variety of options and impressive functionality. Its open design allows a wide variety of marking systems to be used. Optionally, up to two different print positions can

be set up, permitting – simultaneous – printing of the front and the back of a folding box. Its wide range of features and its versatility make the MV-70 C the ideal solution for the most demanding requirements for secure marking of folding boxes in the packaging line.



## ADVANTAGES AT A GLANCE

- Secure Pack Handling System
- One user-friendly operating panel to control all modules
- Space savings due to slim dimensions
- Front and back can be printed (simultaneously if required)
- Extensible with modules
- Simple maintenance due to GMP-compliant design
- Format adaptation without tools

### Technical Data

Machine Efficiency	up to 400 pcs / min
Belt Speed	max. 60 m / min (depending on printer)
Conveying System	Top / bottom belt
Machine Direction	left to right
Marking Systems	prepares for TIJ, CIJ, DOD and laser, other printers upon request
Air Pressure	6 bar
Voltage / Frequency	100 ... 240 V AC / 50–60 Hz / 0,7 kW
Dimensions	870 x 1470 x 2175 mm
Weight	approx. 380 kg

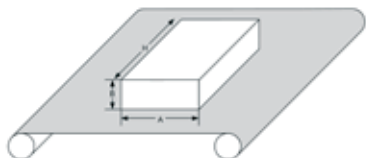
### Optional

Vignette labeling of top side

Open flap detection

### Carton Box (applies for entire Series 1000)

Size



min (mm)

A = 35

B = 15

H = 70

max (mm)

A = 120

B = 140\*

H = 240\*\*

\* The max. ratio A/B is 2:3

\*\* In case of fixed guide rail in the rear: H can vary by a maximum of 85 mm (e.g. 70...155 mm or 120...205 mm etc.).





## MV-70 TL

### MARK, VERIFY AND TAMPER EVIDENT LABELING

This member in the MV-70 product line is perfectly suitable if, in addition to unique marking, vignettes or certificates of originality must be placed on the folding box. While a built-in two-sided labeller secures both opening tabs with label seals, another

labeler can provide the top of the folding boxes with vignettes (MV-70-F 160 VL TL). A centrally operated touch panel and the GMP-compliant design make the MV-70-F an extremely user-friendly marking solution with labeling functionality.

#### ADVANTAGES AT A GLANCE

- Built-in two-sided labeler for safety seal
- Precise product guiding due to studded belt
- Printing on front, back and top sides
- Convenient label changes

## Technical Data

<b>Machine Efficiency</b>	up to 400 pcs / min
<b>Belt Speed</b>	automatic synchronization of belt speed and object transfer
<b>Conveying System</b>	lower guide for precision transport
<b>Machine Direction</b>	left to right
<b>Marking Systems</b>	prepared for TIJ, CIJ, DOD and laser, other printers upon request
<b>Air Pressure</b>	6 bar
<b>Voltage / Frequency</b>	200 ... 240 VAC / 50–60 Hz / 1,0 kW 100 ... 130 VAC / 50–60 Hz / 1,3 kW
<b>Dimensions</b>	1600 (2218 laser x 1410 x 2340 mm
<b>Weight</b>	approx. 800 kg

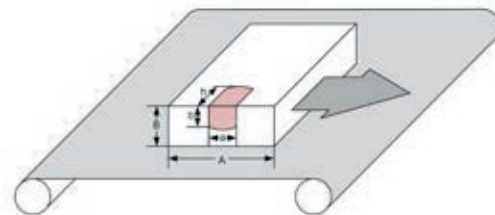


## Optional

Vignette labeling of top side

## Tamper Evident Label

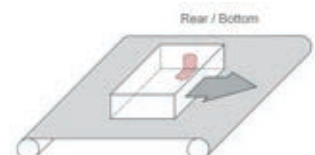
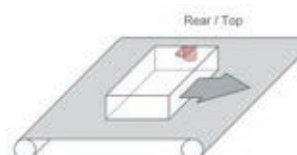
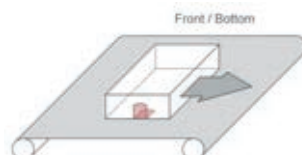
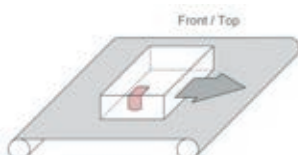
- Automatic 2- side tamper evident label applicator; up to 400 pcs/min
- Tamper evident labeling at the corner of the front top, front bottom, rear top or rear bottom of the box, check of label presence included
- Label roll diameter: max. 350 mm
- Inner label core roll diameter: 76 mm
- Minimum distance between labels: 2 mm
- Label positioning accuracy: +/- 1 mm
- Round label specification: Diameter of between 20...30 mm
- Tamper evident label positions:

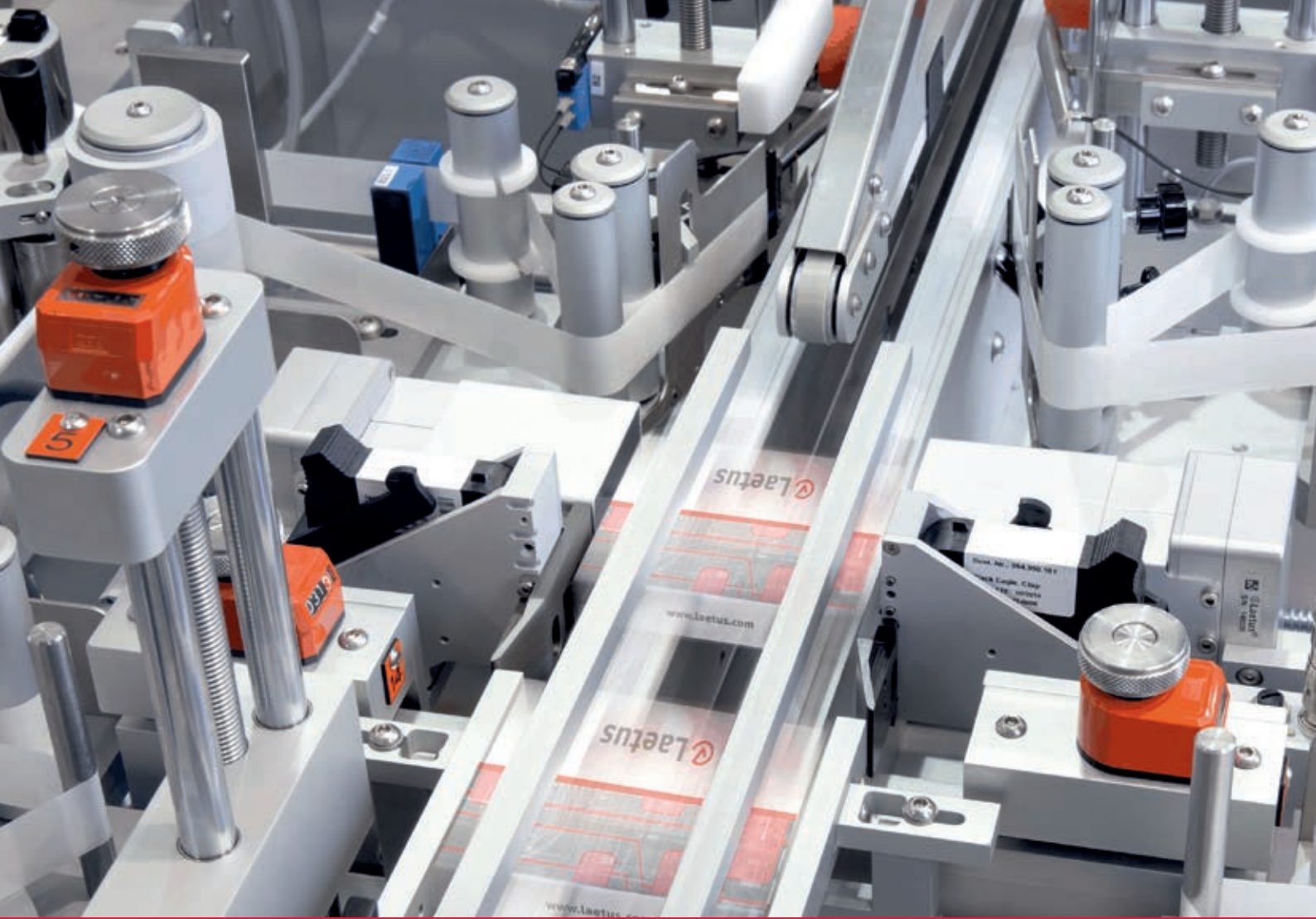


	min (mm)	max (mm)
<b>A</b>	15	limited by A
<b>B</b>	7.5 *	limited by B or B+H
<b>H</b>	7.5 *	15
<b>B+H</b>	-	40 (30**)

\* min. size depends on label thickness and adhesion

\*\* limitation with bottom side labeling only





## MV-70 TL + CW

### MARK, VERIFY, TAMPER EVIDENT LABELING AND CHECK WEIGHER

This MV-70 solution combines high-precision checkweighing technology from Sartorius Intec with reliable Mark&Verify technology from Laetus. The dynamic checkweigher is a quality assurance component and ensures that the contents of the

folding boxes are complete. Is the simultaneous application of vignettes and originality seals required? No problem. The MV-70-F + CW can easily be extended with labelling functionality. The reliable all-in-one solution for secure packaging control.

#### ADVANTAGES AT A GLANCE

- Printing on front, back and top sides
- Built-in two-sided labeller for safety seal
- User-friendly operation of machine, printer and control camera from a central touch panel
- GMP-compliant design permits easy access to all machine parts
- Prepared for different printing systems and technologies





## Technical Dat

<b>Machine Efficiency</b>	up to 250 pcs / min
<b>Belt Speed</b>	automatic synchronization of belt speed and object transfer
<b>Conveying System</b>	lower guide for precision transport
<b>Machine Direction</b>	left to right
<b>Marking Systems</b>	prepared for TIJ, CIJ, DOD and laser, other printers upon request
<b>Air Pressure</b>	6 bar
<b>Dimensions</b>	2425 x 1410 x 2340 mm
<b>Weight</b>	approx. 880 kg

## Optional

Vignette labeling of top side

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