

Pack Handling System

MV-220



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The MV-220 is a powerful solution for automatic printing and serialisation of labels for pharmaceutical packaging outside the packaging line. The autonomous mark & verify system permits flexible scheduling for different packaging lines.

It permits the space-saving and extremely economical processing of folded labels as well as labels on rolls. The integrated S-TTS software ensures a secure data exchange with higher-level IT system solution.

Serialisation made easy

The basic model of the MV-220 is designed to print on the front side of labels and can be expanded with an additional printing unit for applying data to the back side. The standard printer uses the thermal transfer process, but other printing technologies are available as options.

The following can be processed:

- Labels on rolls with a width of up to 120 mm and a roll diameter of up to 400 mm
- Folded labels (put on rolls after printing)
- Pre-printed labels for control purposes
- Up to 10 labels per second

User-friendly operation

Machine, printer and inspection camera are centrally controlled from a single panel; this simplifies operation and increases the mark & verify process' reliability. The following can be processed:

- GMP-compliant design for simple maintenance
- Engine unrolls labels in controlled loops
- Immediate stop after last label has passed through

Reliable inspection

An important component of secure serialisation is the control of data media and printed data. When using labels, it means that completeness, correct positioning and legibility of the printed information must be checked. The following can be processed:

- Error control with machine stops
- Rewinding with speed and tension control

Equipment features

The MV-220 offers automatic label removal. In addition to the extensive mark & verify functionality, additional equipment features increase operating comfort and simplify handling. Due to the modular design, additional options can be integrated. The following can be processed:

- Reliable sorting out of incorrect labels
- Ejection roll with fill level sensor
- Holder for hand scanner

Technical data	
Machine throughput	max. 5 – 10 label/sec (depending on marking device)
Dimensions	1260 × 844 × 1972 mm
Weight	420 kg
Machine direction	left or right available – with desktop thermal transfer only from right to left
Air pressures	6 bar (internal pressure regulator)
Voltage / Frequency	100...230 V / 50 Hz
Eject control	eject of faulty labels, shift register, eject verification
Format adjustment	tool-free format change, within the range of technical specifications; reproducible formatting via digital display at the spindle.
Power supply serialisation	batterie backed 24 VDC power supply; separate 24 VDC for machine controls
Ethernet	8-channel Gigabit Ethernet switch
Photosensor	for camera synchronisation, eject control
Alarm	acoustic signal, machine stops automatically
Safety guard	at front side of door
Emergency switch	at button bar, hardware controlled emergency stop function
Printer	thermal transfer, other printers on request



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We partner with you

- from initial contact and implementation to continuous support.

- More than 45 years of experience
- Expertise in track & trace in pharma, food, beverage, cosmetics and other industries
- Project management from consultation to implementation
- Flexibility when integrating solutions due to brand agnostic and modular approach
- Training academy with individual offers
- Worldwide technical support
- 24/7 hotline



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