HM 4000S
CROSS WEB LABELLER

HM 4000S - Cross Web Labeller

- HIGH PRECISION TOP AND/OR BOTTOM LABELLING OF THERMOFORMED PACKS

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Flexible in every respect

The HM Cross Web labeller is designed to optimize labelling on thermoformers for vacuum packing. Suited for top and/or bottom mounting on all thermoformers. Easy integration into existing lines thanks to the compact and modular design.

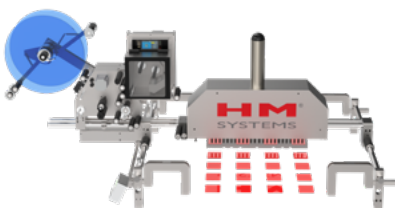The labeller is robust and hygenic. It meets the demands from the food and medical industries.

Robust and durable even at 24-hour operation in tough environments with high demands for capacity and accuracy.
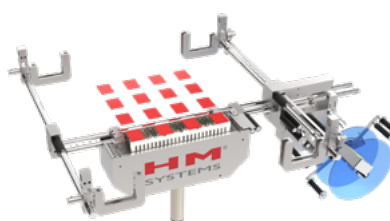

Powerful & Efficient

The Cross Web labeller is fitted with an hi-speed, servo driven HM label dispenser. Dispensing speed from 0-60 m/min, up to 12 strokes per minute.
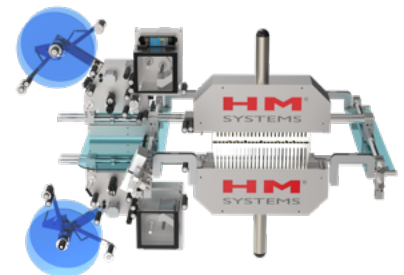
A standard 400 mm diameter label roll with a large quantity of labels ensures labelling with fewer stops.
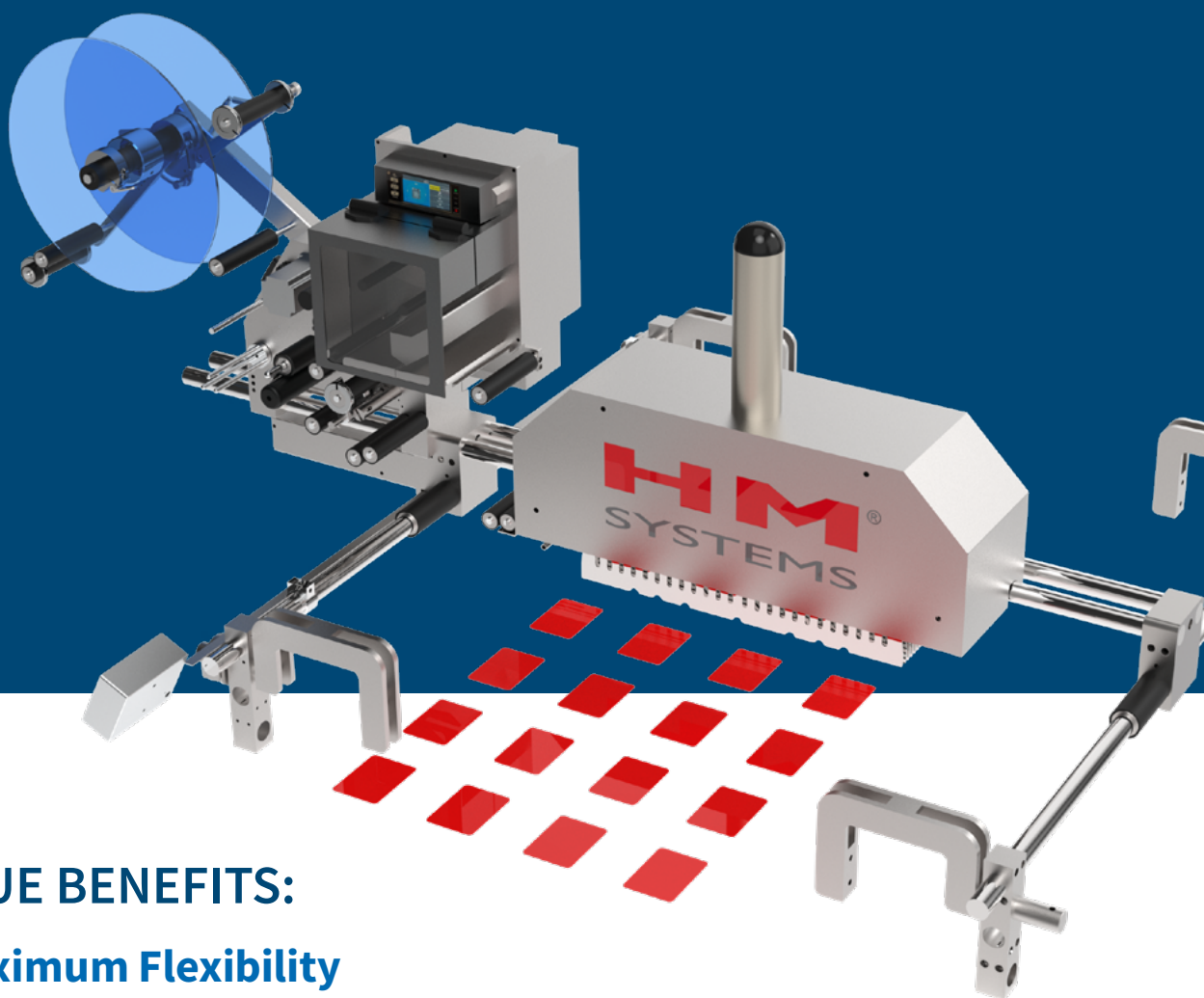

HM Cross Web labeller for top labelling.

HM Cross Web labeller for bottom labelling.

HM Cross Web labeller for top and bottom labelling with printers (optional).

UNIQUE BENEFITS:

✓ **Maximum Flexibility**

✓ **High Precision Labelling**

✓ **Robust & Efficient**

✓ **Easy to operate**

✓ **Multiple options**

The labeller can be equipped with various printers, for instance print engines for full-print or Ink-Jet printers for smaller prints, such as best before dates or batch numbers.

Easy Service

The stainless steel covers can be removed for quick and easy access for service.

Several built-in test functions & error messages displayed in clear text ensure fast troubleshooting and optimization.

The labeller has a user-friendly control panel with display and intuitive keys. The panel gives access to a program database with up to 100 programs.

Change between programs is easy and can be done by using only a few keys.

TECHNICAL DATA

Label width	15-120 / 170 / 220 mm
Chamber length	420, 520, 620, & 720 mm
Label length	15-2000 mm
Label detector	Interspace (min. 2 mm) - Optional: reflective or capacitive
Label reel core & unwinder diameter	Ø 40mm - Optional: Ø 76mm - Ø 400mm
Labelling speed	0-60m/min (depending on label width) - up to 12 strokes per minute
Labelling accuracy	+/- 0.5mm
Drive motor	Servo motor / stepper motor
Material	Anodized aluminum & stainless steel
Operator side	Right- and left-hand version available
Applicator stroke length	140 mm (as standard) or 225 mm
Across	1-15 labels
Rows (Optional)	1-15 label rows
Applicable thermoformers	All known thermoformers, such as: Ulma, Multivac, Variovac, GEA, Weber, Webomatic, Sealpac, Opack, Ilpra, VC999, Swissvac, Reepack
Display	External panel box in anodized aluminum with 4x20 characters
Program database	100 programs
Electronics	Microprocessor controlled
Label detector adjustment	Automatic
Interface	RS 232 for remote control & integration of external operator panels (HMI)
IP Protection	IP 32, control box IP 65
Weight	Approx. 65kg
Voltage/Power	230 V/ 400 W
Air consumption	4-6 bar, 7l pr/hour at 10 strokes
Warranty	1 year with 8 hours of operation per day, 5 days a week
Languages	GB, DK, DE, FR, NL, IT, ES, RU, SE, SF, TR, HU

HM®
SYSTEMS