

HM 4000 CW

END-OF-LINE SOLUTIONS

- ALL-ROUND – prepared for top and/or bottom mounting on most thermoformers and tray sealers (Variovac, Multivac, CFS, Tiromat, etc.)
- EFFICIENT – high capacity, short product change time, and minimum waste in terms of labels ensure increased productivity
- HEAVY DUTY AND HYGIENIC – developed to meet the demands of the food and pharmaceutical industry



HM 4000 CW – for industries with high demands for capacity and accuracy

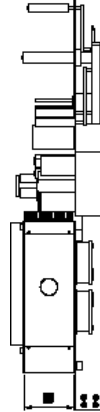
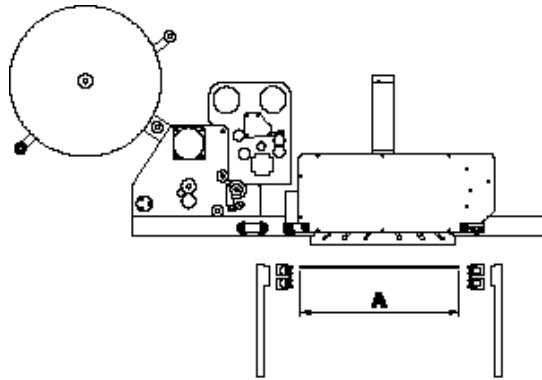
HM 4000 CW is designed to optimize labelling on thermoformers and tray sealers for vacuum packaging. A robust machine developed to endure 24 hour operations in industries with high demands for capacity and accuracy. The electronics are built on a high-power microprocessor. Optimum construction for mounting of print modules, e.g. HM Pro A or HM Pro S.

HM[®]
SYSTEMS

LABELLING · PRINTING · WEIGHING · CHECK WEIGHING · INSPECTION · SOFTWARE · SERVICE

HM 4000 CW

TECHNICAL SPECIFICATIONS



A	B
420	120
520	150
570	220
620	

LABELS

Label width.....	15-120 / 170 / 220 mm
Label length	15-2000 mm
Label detector	Interspace (min. 2 mm) option: reflective or capacitive
Label reel core diameter ...	Ø 40 mm, option: Ø 76 mm
Unwinder diameter	Ø 400 mm
Material	Self adhesive labels with backing paper

DISPENSING

Labelling speed.....	0-57 m/min (depending on label width)
Labelling accuracy	+/- 0.5 mm
Drive motor	Stepper motor
Right and left hand version	Both options available
Out of stock alarm	Zero-potential relay
Program database	100 programs
Chamber length.....	320, 420, 520, 570, 620 – 950 mm
Chamber width	Follows the dispenser width of 120, 170, and 220 mm
Sword length.....	100 mm as standard
Maximum number of labels	Freely configurable distributed under the length of the vacuum chamber
Rows (option).....	Microprocessor controlled, freely configurable, however max. 1500mm incl. fault alarm
Drive motor for chamber..	Stepper motor

OPERATION

Display	External panel in stainless steel box with 4 x 20 characters
Keyboard	Numeric keyboard with function keys
Language	DK, GB, D, NL, F, I

EXTERN

Electronics.....	Microprocessor controlled
Label detector adjustment	Automatic
Start signal	PNP/NPN
Serial.....	RS 232
Micro stepper driver	Micro stepper motor control

EXTRA IN AND OUTPUT

Alarm output.....	Relay output for "label low" (zero-potential)
Alarm input.....	Input allows locking the dispenser

MACHINE SPECIFICATION

Material	Anodized aluminium and stainless steel
IP protection.....	IP 32, control box IP 65
Dimensions (HxWxD)	Variable, control box: 250 x 300 x 212 mm
Weight (approx.)	25 + 25 kg, control box: 10 – 15 kg
Voltage/Power.....	230 V / 200 W
Air consumption.....	4-6 bar, 7 litres per hour @ 10 strokes
Certification	CE
Warranty	1 year with 8 hours of operation per day, 5 days a week

OPTIONS

Fittings.....	Suitable for all well-known thermoformers and tray sealers
Lights	Red alarm light
Label low alarm	Sensor detecting diameter
Non-stop operation	Double system switching automatically between two machines
Print module	Suitable for mounting of HM Pro A and HM Pro S print modules.
Hot stamp.....	Suitable for various types

Subject to changes

ALL IPR RESERVED HM SYSTEMS

HM[®]
SYSTEMS