

HM 3000

END-OF-LINE SOLUTIONS

- HIGH CAPACITY – high speed, easy to operate, and easy product change
- HIGH ACCURACY – for repetition, application, and print, by means of a microprocessor controlled stepper motor
- HEAVY DUTY AND HYGIENIC – developed to meet the demands of the food and pharmaceutical industry



HM 3000 – the most stable and powerful dispenser on the market enduring 24 hour non-stop operation

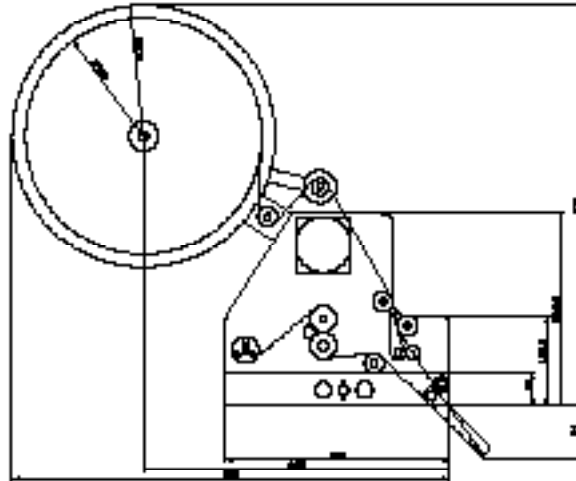
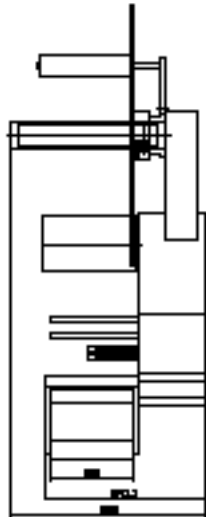
The HM 3000 is the most stable and powerful dispenser on the market. Developed to endure 24 hour non-stop operation. Anodised aluminium and stainless steel materials in a solid construction ensures long durability in industrial environments. The operator panel is built on a high-power microprocessor which monitors and controls all functions. Optimal construction for mounting of printer modules, e.g. HM Pro A or HM Pro S.

HM[®]
SYSTEMS

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

HM 3000

TECHNICAL SPECIFICATIONS



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

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

EXTERNAL CONTROL

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

EXTRA IN AND OUTPUT

Encoder input	The machine speed automatically follows the product speed of 0-57 m/min.
Alarm output.....	Relay output activated for "label low" (zero-potential)
Extra outputs.....	2 outputs, max. 500 mA for external control of pneumatics in connection with labelling
Alarm input.....	Input allows locking the dispenser

MACHINE SPECIFICATION

Material	Anodized aluminium and stainless steel. Whole body milled out of one aluminium block.
IP protection.....	IP 32, control box IP 65
Dimensions (HxWxD)	690 + brush x 722 + brush x 290 mm Control box: 250 x 300 x 212 mm
Weight (approx.)	25 kg, control box: 10 - 15 kg
Voltage/Power	230 V / 150 W
Certification	CE
Warranty	1 year with 8 hours of operation per day, 5 days a week

OPTIONS

Fittings.....	H base, spindle system
Applicator.....	Corner, stamp
Lights	Red alarm light
Label low alarm.....	Sensor detecting diameter
Non-stop operation	Double system switching automatically between two dispensers
Print module	Suitable for mounting of print modules, e.g. HM ProA, HM ProS, or other types
Hot stamp.....	Suitable for various types

Subject to changes

ALL IPR RESERVED HM SYSTEMS

HM[®]
SYSTEMS