

HM LABEL APPLICATORS



**PRECISION, FLEXIBILITY &
RELIABILITY OPTIMISED FOR
YOUR PRODUCTION**

BUILD TO PERFORM DESIGNED TO LAST

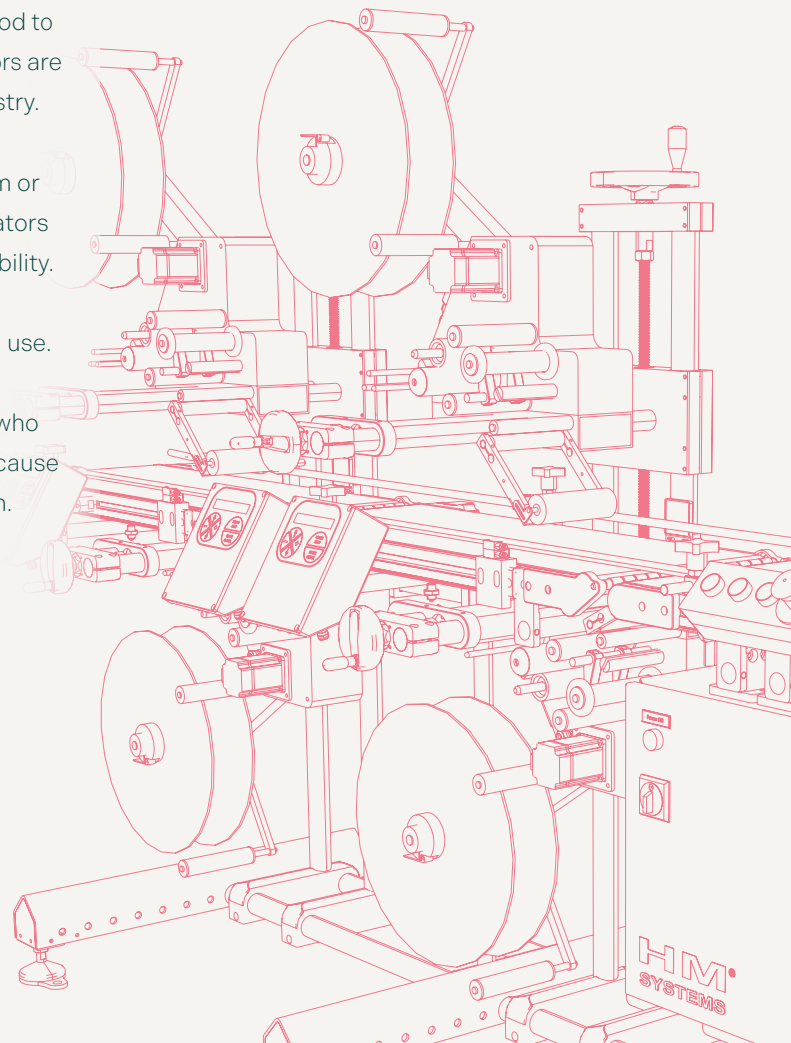
RELIABLE LABELLING FOR DEMANDING INDUSTRIES



At HM Systems, we have spent over three decades refining the art of industrial labelling. From food to pharma, from paints to packaging, our applicators are designed to meet the demands of every industry.

Whether you're applying labels in a clean room or on a dusty production floor, HM Label Applicators deliver high performance, precision, and reliability. Every machine is built in Denmark, tested in-house, and made to withstand 24/7 industrial use.

Behind the hardware is a team of specialists who know the value of getting every label right, because traceability starts with the perfect application.





HM300:

The HM 300 is a small, compact dispenser with high efficiency.

Labelling speed: 0-20 m/min.

Label width: 15-120 mm



HM600:

The HM 600 is a dispenser that stands for quality.

Labelling speed: 0-40 m/min.

Label width: 15-170 mm

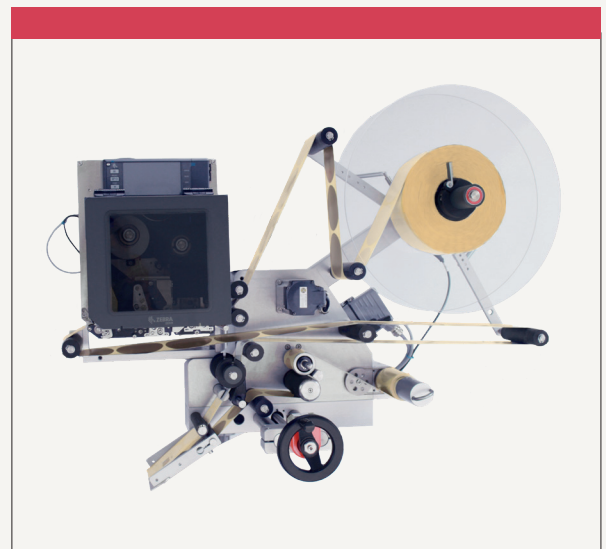


HM3000 Servo:

The HM 3000 S is the most stable and powerful dispenser on the market. Optimal construction for mounting of printer modules, e.g. Zebra and Sato.

Labelling speed: High speed, up to 100 m/min,

Label width: 120 / 170 / 220 / 300 mm.



HM600P:

The HM 600P is a printer dispenser available with all known print engines such as Zebra, Sato, CAB & Carl Valentin. The printer dispenser is highly flexible and can be operated with a remote display.

Labelling speed: 0-30/40 m/min.

Label width: 15-170 mm.

THE TECHNOLOGY BEHIND OUR SOLUTION

Large unwinder

(up to 400 mm)
minimises downtime
and ensures efficient
production

Servo motor

Precise, reliable, and
efficient control

Width variations

Standard width variations
120, 170, 220 and up to 300 mm.

User-friendly operation

Multilingual functionality
Plus 20 languages
available.

Precise label sensor

Extremely high accuracy

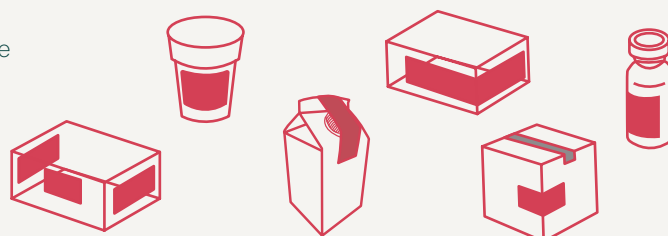
HM Label Applicators are engineered for professionals who demand reliability and high performance. Built around a powerful microprocessor, they ensure stable, high-speed operation and precise label placement every time.

These applicators are designed for long life and dependable performance even in the most demanding industrial environments.

With a gap-sensor continuously updating at 29 kHz, the applicators deliver extremely precise applications. Combined with fast access to service points and clear-text error codes, downtime is minimised through rapid troubleshooting and simple maintenance.

Flexible integration options make it easy to connect with larger systems, while standard widths (120, 170, 220, and up to 300 mm) cover a wide range of applications. Choose between stepper motor control and servo drive for consistent accuracy.

Intuitive operation, space for 100 custom programs and optional modules allow complete adaptability to your production needs. This is high-capacity labelling: reliable, flexible, and built for the future.



TECHNICAL DATA

		HM 300	HM 600	HM 3000 Servo	HM 600 P
Labels					
Label width		120	120/170	120/170/220/300	120/170
Label length	15-2000 mm	x	x	x	x
Label detector	Interspace (min. 2 mm) option: reflective	x	x	x	x
Label reel core diameter	Ø 40 mm, option: Ø 76 mm	x	x	x	x
Unwinder diameter	Ø 300 mm	x	x	400	x
Material	Self-adhesive labels with backing paper	x	x	x	x
Dispensing					
Labelling speed, max	m/min	20	30/40	60/100	30/40
Labelling accuracy	+/- 0,5 mm	x	x	x	x
Motor drive	Stepper motor	x	x	Servo driven	x
Right and left hand version	Both options available	x	x	x	x
Out of stock alarm	Zero-potential relay	x	x	x	x
Program database	100 programs	x	x	x	x
Operation					
Display	2 x 24 character display with backlight	x	x	x	x
Display	180 ° reversible	x	x	x	x
Keyboard	6 keys	x	x	x	x
Language	UK/ DK/ DE/ FR/ NL/ IT/ ESP/ RU/ SE/ SF / TR/ HU	x	x	x	x
Internal Control					
Electronics	Microprocessor	x	x		
Machine Specification					
Material	Anodised aluminium and stainless steel	x	x	x	x
IP Protection	IP 32 - Servo : Control Box IP 65	x	x	IP55 option	x
Dimensions (HxWxD)	Dimensions specified in millimetres	690x633x307	690x633x307	690x722x290	897x603x386
Weight approx	kg	22	24	26	35
Voltage/Power	400W / 150W	150	150	400	150
Approval	CE	x	x	x	x
Warranty	1 year with 8 hrs of operation per day, 5 days a week	x	x	x	x
Options					
Fittings	H base, spindle system	x	x	x	x
Lights	Red alarm light	x	x	x	x
Label low warning	Sensor detecting diameter	x	x	x	x
Non-stop operation	Double system switching automatically between two dispensers	x	x	x	x
Out of stock alarm	Zero-potential relay	x	x	x	x
Print module	Suitable for mounting of engines eg. Zebra, Sato, CAB, & all known print engines			x	x
Extra in- and output					
Encoder input	The machine speed automatically follows the product speed	x	x	x	x
Alarm output	Relay output for "out of stock" (zero-potential)	x	x	x	x
Extra outputs	2 outputs, max. 500 mA external control of pneumatics in connection with labelling	x	x	x	x
Alarm input	Printer error input allows locking the dispenser	x	x	x	x

PRINT ENGINES FOR YOUR LABELLER

SUPERIOR PARTNERSHIP WITH THE LEADING TECHNOLOGIES

Print engines can easily be integrated into HM labellers. In collaboration with the world's leading printer suppliers, we offer different print engine options, enabling both thermal transfer and direct thermal printing. This ensures high-quality, full-label printing.

Printer specifications

Most models allow speeds of up to 400 mm/s, with resolutions ranging from 203 to 600 dpi.

Printer widths range from 104 mm (4.1") to 168 mm (6"). All printing systems are available in both right- and left-handed orientations.

The labeller can be equipped with different printers, e.g. print engines for full-print, TTO or InkJet-printers for smaller prints such as best before dates or batch numbers.

HM Print Engines



**ZEBRA ZE511-4
ZEBRA ZE521-6**



**SATO S84 NX
SATO S86 NX**



**TSC PEX Series 4
TSC PEX-2000 6**



**CAB PX Q 4"
CAB PX Q 6"**



**TT-53 THERMAL
TRANSFERPRINTER**



**SmartDate X30
SmartDate X40
SmartDate X60**



**Videojet DataFlex®
6530 & 6330 Thermal
Transfer Printers**

The HSAJET® MiniTouch is based upon reliable HP technology which delivers consistent, high-quality, fast printing, exceptional value and ease of use.

The HSAJET® MiniTouch on a HM600



Arla Unika Butter

Unique labelling for a unique product

Arla Unika butter is renowned for its craftsmanship and distinctive round, sausage-shaped packs. Now, the packaging is equally unique.

A specially designed labelling machine applies the labels with precision, while an integrated HSA printer prints the date and batch code directly onto the label during application.

This ensures perfect alignment, reliable traceability, and a flawless finish that matches the premium quality of Arla Unika butter.

This bespoke solution combines advanced technology with elegant presentation, emphasising the exclusivity of every single pack.



At Arla Innovation Centre in Aarhus

PRINT&APPLY PRINTER DISPENSERS CIJ
LABELLING LASER LINERFREE TOP BOTTOM
SOFTWARE PALLET LABELLING TIJ CROSS WEB