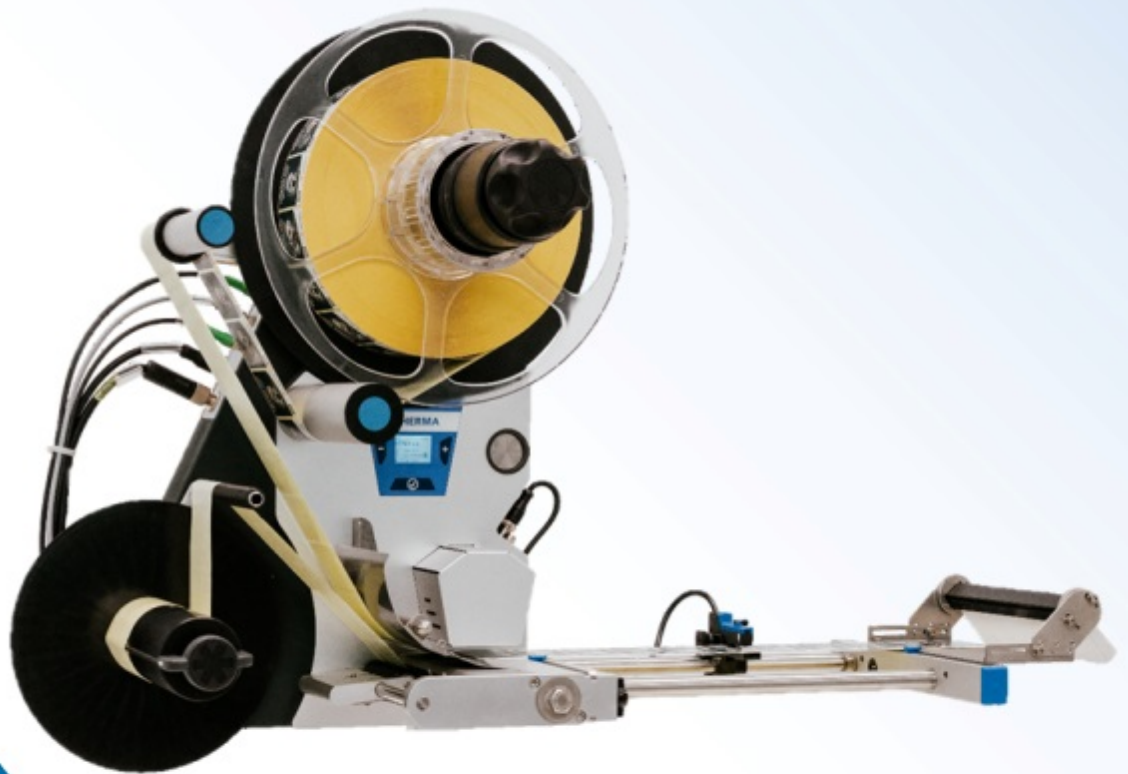


HERMA eco

Datasheet

- Top performance up to 30 m/min
- Extremely easy handling
- Versatile integration
- HERMA quality “Made in Germany”



Label specification

Label width:	10 – 160 mm • 0.4 – 6.3"
Label length:	8 – 400 mm • 0.3 – 15.7"
Gap between labels:	2 – 3 mm • 5/64 – 1/8"
Backing paper width:	12 – 164 mm • 0.5 – 6.4"
Backing paper thickness:	23 – 120 µm • 1/1024 – 5/1024"
Backing paper specifications:	Without die-cuts in the surface and sufficiently tear-resistant:
Core diameter:	76 mm • 3.0"
Roll diameter:	300 mm • 11.8"
Packing:	Winding outside or inside
Storage:	Lying rolls, not exposed to sun or heat
	Temperature: 22 ± 2° C • 72 ± 3° F
	Relative humidity: 45 ± 5%

Specifications

Orientation

Running direction	Left-hand device • Right-habd device
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Base unit HERMA eco

Maximum labeling speed:	30 m/min • 164 ft/min
Labelling stopping accuracy:	± 0.8 mm cross to running direction of backing paper
Interfaces:	I/O interface • Master encoder • Start signal • Label sensor Printer • Transfer system
Labeling functions:	Labeling in running direction • Master encoder operation

Label start

Sensor Type:	Fork light barrier • FS03 for sensing, last label and transparent labels
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Detachment system

Clear span length:	0 / 20 / 135 / 300mm
Peel plate edge mount:	0° / 75°
Peel plate:	Rigid / Swivel pneumatic
Transfer system:	Roller / Spring-loaded roller / Brush

Start signal

Sensor Type:	Light barrier and reflector
Operation:	Operation via control panel with display • Button for manual label feed • Language selection • Operable with gloves
Display:	Display can be rotated 180 degrees • Display of fault messages in the display
Service features:	Function upgrade via code activation • Firmware update via USB

Control

Drive unit: Stepper motor
PLC: Fully integrated in the HERMA eco

Operating data

Power supply: 100 – 240 V AC, 120 W, 50 – 60 Hz
Operating temperature: +10 to +40° C • +50 to +104° F
Storage temperature: -20 to +80° C • - 4 to +176° F
Relative humidity: 35 – 85% non-condensing
Max. permitted installation height for the nominal data: 2.500 m above sea level • 8.200 ft above sea level
Protection type: IP40
Certification: CE

Accessories

Master encoder

Mounting device

Pedestal

