

Connecting dimensions

Are you looking  
for the ultimate  
performer?



Connecting dimensions

# The new HERMA 500

## Connectivity, quality, safety

A world leader in high-specification, high-quality labeling equipment, HERMA is proud to introduce the new HERMA 500. Building on the tremendous international success of the company's flagship HERMA 400 machine, the HERMA 500's Industry 4.0 prowess reflects today's modern production lines and environments. Ready for the Industrial Internet of Things (IIoT), the new HERMA 500 offers speed, connectivity and safety – while providing maximum quality and flexibility.



## Quick, convenient and **connected**

Touchscreen with innovative menu guidance.

Time saving set-up via intelligent features and groundbreaking technologies.

## Maximum **quality**

HERMA quality.  
Made in Germany.

Unsurpassed reliability with 100% inspection of every label applicator during synchronized serial production.

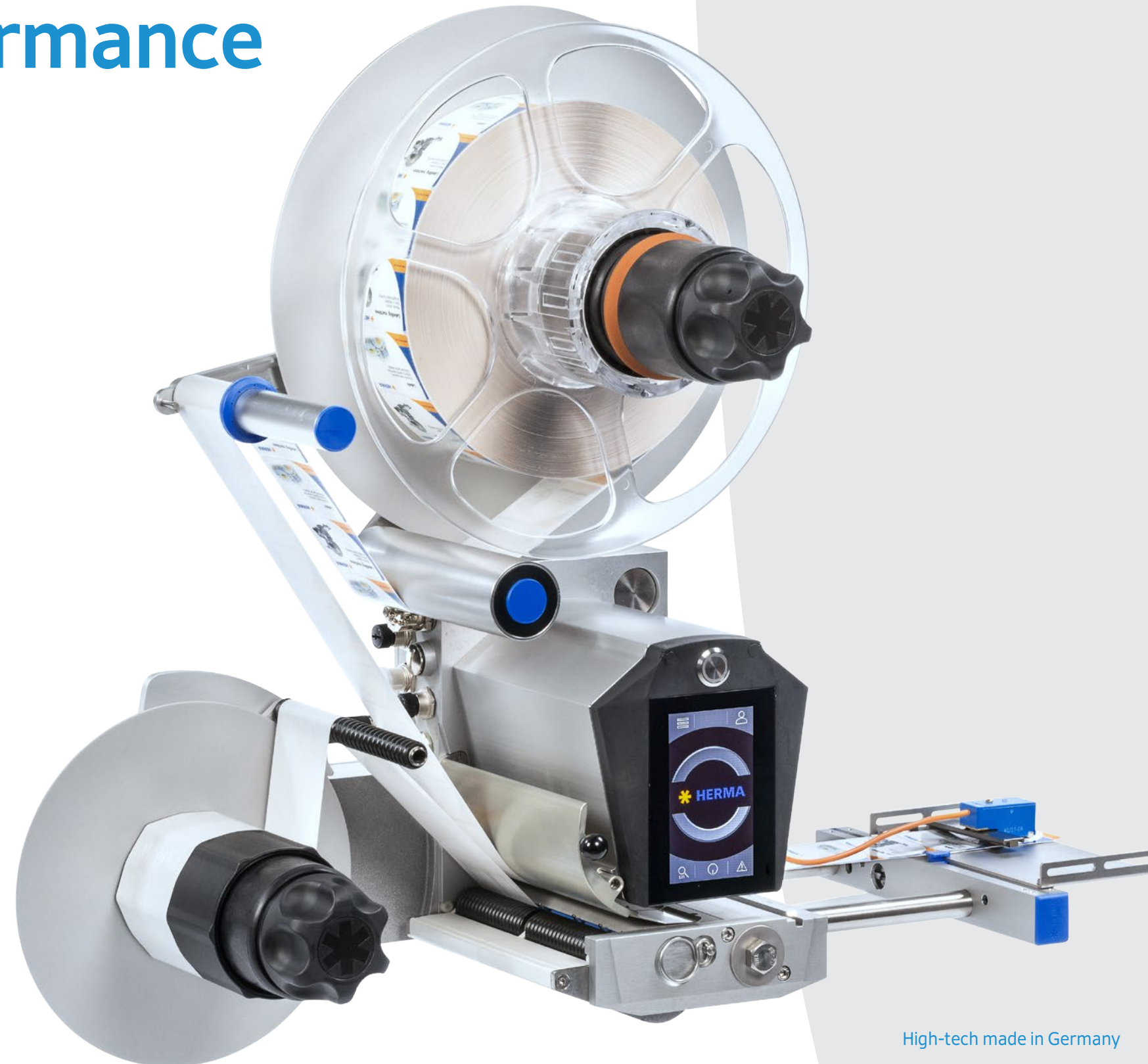
## Greater **safety**

Long-term availability of all parts and future-proof interfaces for digital challenges.

Comprehensive worldwide service – on location at your facility or via HERMA Online Services.

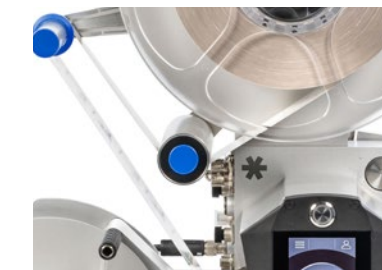
# The new HERMA 500

## No compromises – ultimate performance



High-tech made in Germany

**Quick set-up:**  
Short make-ready time thanks to innovative technologies such as assisted backing paper feed & automatic label length detection.



**Safe operation:**  
4.3" touchscreen with clear symbols, intuitive menu guidance, and individual customization.



**Optimal readability:**  
Touchscreen rotatable in 90-degree steps with multicolored status indication.



**Improved performance:**  
25 percent faster labeling speeds thanks to newly developed components.



**High-precision labeling:**  
Modular dispensing systems enable perfectly reproducible application of various label types.



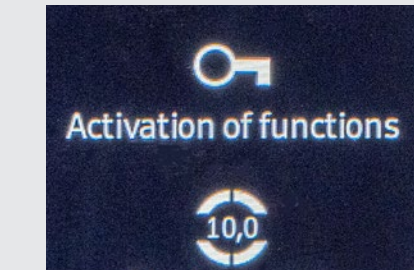
**Intelligent control:**  
State-of-the-art machine communication. IIoT-enabled thanks to Ethernet interface and configurable fieldbus connection.



**Versatile use:**  
Unprecedented versatility and compact design offer fast, easy integration into any production line.



**Spot-on information:**  
Favored parameter settings directly displayed on home screen, offering quick access to menu, search function, and user level settings.



**Online registration:**  
Fast support, functional upgrades & firmware updates.



**Perfect integration:**  
Can be used to replace HERMA 400 models with just a few modifications.



### Label specifications

Label width:	80 / 160 / 240 / 320 mm • 3.1" / 6.3" / 9.4" / 12.6"
Roll diameter:	300 / 400 / 500 / 600 mm • 11.8" / 15.7" / 19.7" / 23.6"

### HERMA 500 technical specifications

#### Model

Construction:	Left-hand unit • right-hand unit
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#### Basic unit HERMA 500

Labeling speed:	0 – 30 / 50 / 80 / 150 / 200 m/min 0 – 98 / 164 / 262 / 492 / 656 ft/min
Interfaces:	I/O-Interface • Industrial Ethernet • Ethernet TCP/IP • OPC UA • CAN-Bus • master encoder • start signal • label scanning • printer • transfer system • Power Out
Labeling functions:	Master encoder operation • machine control CAN-Bus
UL and CSA certification:	Optional

#### Label scanning

Sensor type:	Forked photoelectric sensor • FS03 for scanning of last label • ultrasonic sensor
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#### Operation

Operation via pictograms on the 4.3" color touchscreen • quick access to 4 parameters, menu, user administration, search, messages, operation on / off • format management • language selection • can be operated with gloves • button for manual label feed • main switch for complete mains isolation

#### Displays

Display rotatable in 90° steps • display of the configurable main parameter • status display: ready, alert, malfunction in various colors • display threading scheme • display operating manual

#### Service functions

Remote access via web browser • functional upgrade via code activation • firmware update via Ethernet TCP/IP

#### Control

Drive technology:	AC servo motor
Control technology	Fully integrated in the HERMA 500

#### Operating data

Power supply:	100 - 240 V AC, 400 W, 50 - 60 Hz
Operating temperature:	0 – 40° C • 32 – 104° F
Protection class:	IP66



HERMA 500 video

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