

Performance smartly connected

Looking  
for the top  
performer?



Performance smartly connected

# You've found the benchmark in the HERMA 500!

Supreme performance in every respect – that's what HERMA applicators worldwide stand for. The HERMA 500 is exploring new horizons. Thanks to its extensive connectivity, it is ready for the Industrial Internet of Things (IIoT) and future-proof in every perspective. Running at up to 200 meters or 2,000 labels a minute, the HERMA 500 is one of the top performers. In synchronous mode with motorized winders and a loop unit, the labels are applied with unrivaled accuracy. An optional cooling element ensures outstanding performance even during 24/7 continuous operation. With its wide range of configuration variants in modular design, the HERMA 500 is a genuine all-rounder.





## Speed with ease

4,3-inch color touchscreen with rotatable display offers innovative menus and intuitive operation.

Time-saving setup with intelligent features and pioneering technologies.

## Compelling quality

Uniform base unit with premium built quality for all configuration variants.

Maximum reliability achieved by full testing of every applicator in series production.

## Forward-looking security

Future-proof interfaces and simple function and performance upgrades via code activation.

Long-term availability of all parts and comprehensive support worldwide – on site or online in the HERMA Service Portal.

Field-replaceable main and connector boards – simply by loosening a few screws and without the usual rewiring.

# Benchmark

## No compromises

### **Fast set-up**

Short set-up times thanks to innovative technologies including quick-change systems and automatic detection of label length.

### **Comfortable operation**

4,3-inch touchscreen displays clear, explicit icons with intuitive menu navigation and customized settings.

### **Targeted information**

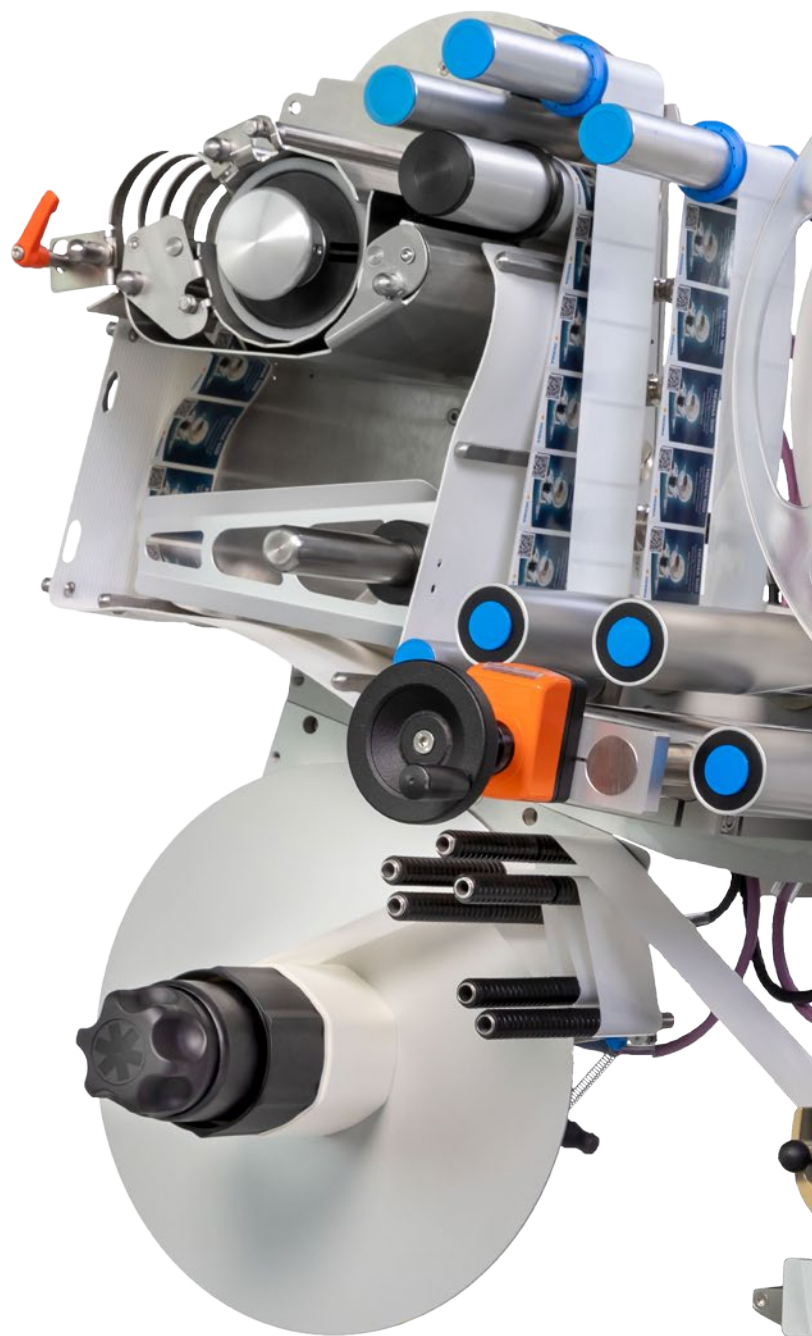
Favored parameter settings are directly displayed on the start screen and supplement the quick access to the menu, search function and user level settings.

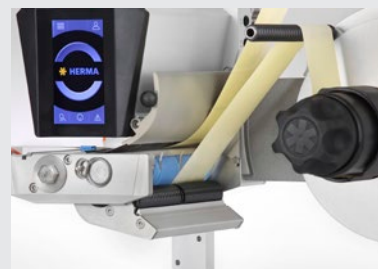
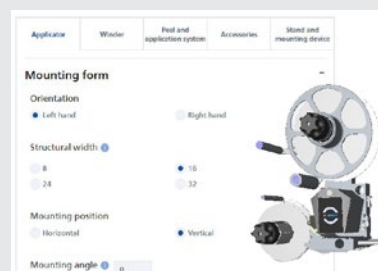
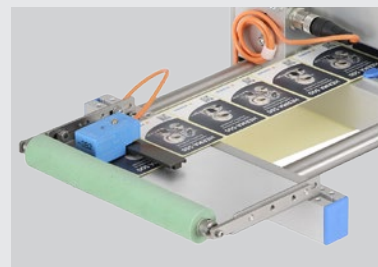
### **Enhanced performance**

High-speed labeling at up to 200 meters or 2,000 labels a minute synchronized with production speed.

# HERMA 500

– outstanding performance





## High-precision labeling

Modular peel systems enable an exactly reproducible application of labels in a wide range of variants.

## Intelligent control

Latest interfaces for future-proof machine communication. Ready for IIoT thanks to Ethernet interfaces and configurable connectivity to higher-level control systems. In every connector package configuration (I/O or IE), all connections and connectors are installed from the start so that the desired functions can be enabled later simply by code.

## Flexible use

Unrivalled versatility and compact design allow quick and easy integration into any production line.

## Individual configuration

Application-specific configurations via the HERMA online configurator guarantee the best price-performance ratio and shortest delivery times.

## Online registration

For fast support concerning commissioning and operation as well as for individual information on the applicator and free firmware updates.

## Perfect integration

Adaptable end-to-end solution with the ability to enable individual functionalities such as speed control, OPC UA interface and master encoder operation.



### Label specifications

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

### Technical specifications

#### Mounting form

Orientation:	Left-hand unit • right-hand unit
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#### Base 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 • Modbus TCP • OPC UA • CAN bus • master encoder • start signal • label sensor • printer • transfer system • power out
Labeling functions:	Master encoder operation • CAN machine control
UL and CSA certification:	Optional

#### Label sensor

Sensor type:	Forked light barrier • FS03 for sensing the last label • ultrasonic forked sensor
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#### Operation

Operation via pictograms on the 4,3-inch 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 disconnection

#### Displays

Display rotatable in 90° steps • display of configurable main parameter • status display: ready, warning, malfunction in various colors • display of threading guide • display of user 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

