Performance smartly connected

Looking for the top performer?

✳ HERMA

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.

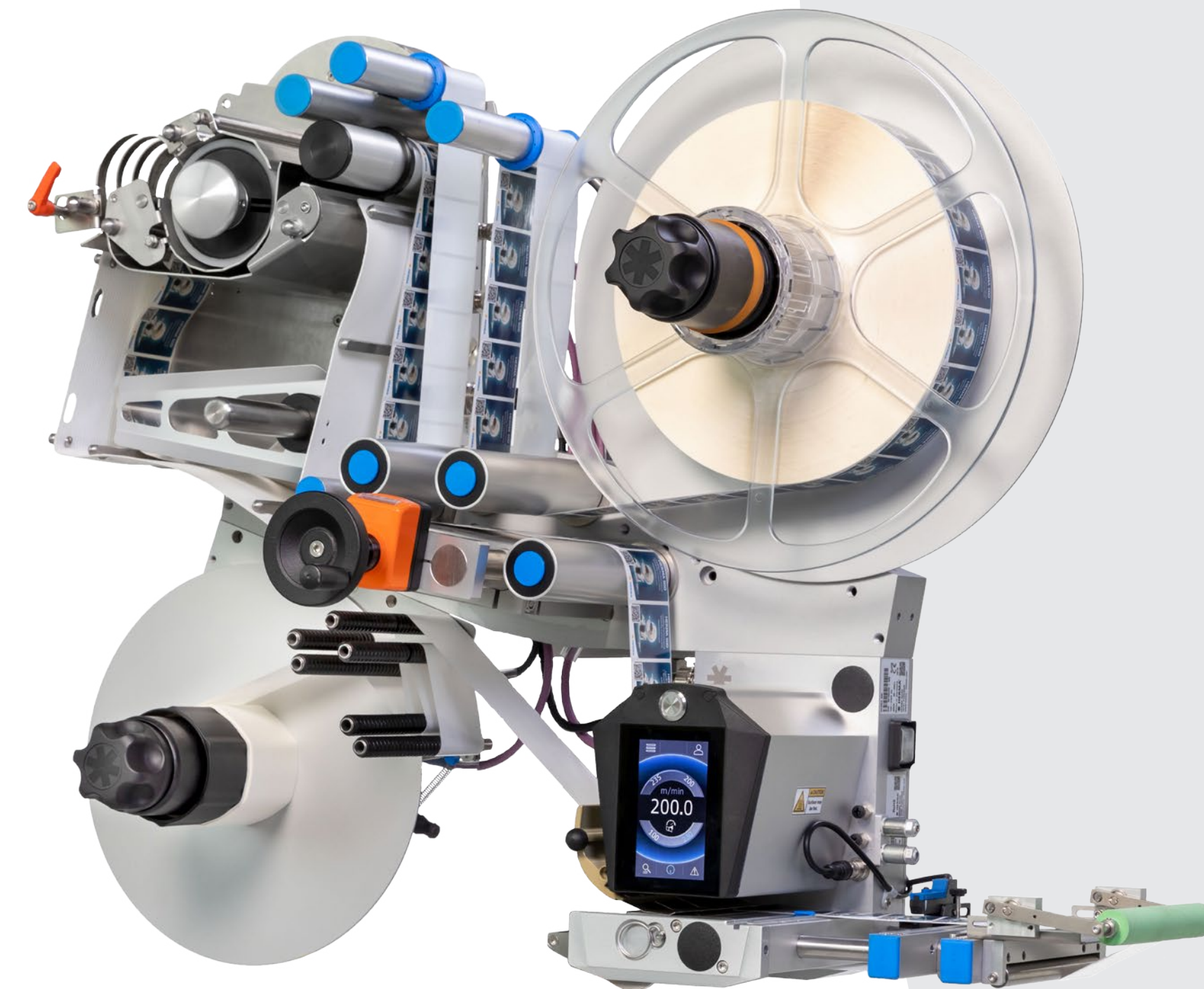Maximum reliability achieved by full testing of every applicator in series production.

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.

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Benchmark HERMA 500
No compromises – outstanding performance

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.
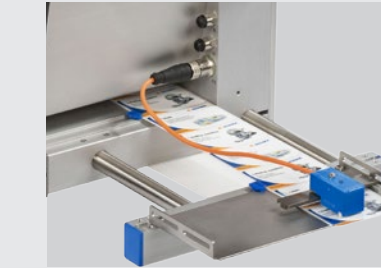
Targeted information
Favored parameter settings are directly displayed on the start screen and supplement the quick access to the menu, search function and user level settings.
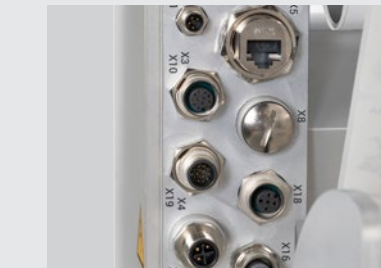
Enhanced performance
High-speed labeling at up to 200 meters or 2,000 labels a minute synchronized with production speed.
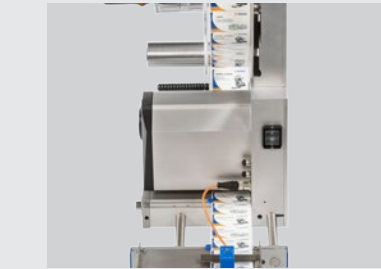
Quality – made in Germany

High-precision labeling
Modular peel systems enable an exactly reproducible application of labels in a wide range of variants.
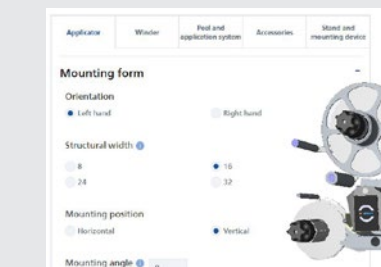
Intelligent control
Latest interfaces for future-proof machine communication. Ready for IIoT thanks to Ethernet interfaces and configurable connectivity to higher-level control systems.

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.

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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

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 • 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

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

HERMA 500 video

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