

SPEEDMATE PRO

HIGH PERFORMANCE LABELER



IMA  **LABELING**
Label Application Solutions

SPEEDMATE PRO

Projected by **IMA Labeling Innovation Center**, the **SpeedMate PRO** is ready to conquer the market because of its reliability, precision, versatility, flexibility, ease of use, safety in operation, and pride of place the extreme velocity.

A product that perfectly fits the labeling requirements of turn-key horizontal and vertical solutions of flexible packaging in addition to the desire of speed and precision typically connected to the secondary packaging systems.

From the outset, it integrates seamlessly with **Thermal Transfer Overprinter (TTO) printers and laser marking systems**, ensuring it meets the demands of in-line coding requirements.

Moreover, with the capability to incorporate remote control and maintenance functionalities directly into the line's control panels, **SpeedMate PRO** emerges as a reliable and all-encompassing solution for the labeling needs.





DEEPER INSIDE

The **SpeedMate Pro** is suitable for “**wipe-on**” applications on moving products. It is a general-purpose solution, developed to cover most labeling needs within the range of standard self-adhesive pre-printed labels.

- LABELING CAN BE PERFORMED ON THE TOP SIDE, BOTTOM SIDE, OR BOTH SIDE
- IT HAS A RUGGED AND CORROSION-RESISTANT CONSTRUCTION USING ANODIZED ALUMINUM AND STAINLESS STEEL
- PAPER TENSIONING, MOTORIZED UNWINDING AND REWINDING MECHANISM ARE CONTROLLED BY 3 STEPPER MOTORS
- IT REQUIRES LOW FORCE ON MOVING PARTS TO ENSURE OPERATOR SAFETY

KEY FEATURES

- COMPACT, MODULAR AND ERGONOMIC DESIGN
- HIGH SPEED UP TO 100 M/MIN
- TÜV RHEINLAND CERTIFICATION WITH AN IP54 PROTECTION RATING
- FULLY PROGRAMMABLE
- ETHERNET AND USB PORTS FOR DIAGNOSTICS, REMOTE CONTROL, FIRMWARE UPGRADE AND CONFIGURATION OPERATIONS
- LABEL REEL HOLDER FOR REELS UP TO 350MM (400MM AS OPTION)
- NON-STOP (TANDEM MODE) EMBEDDED LOGIC
- SELF-ALIGNING AND LABEL POSITIONING AT THE POWER UP

SPEEDMATE PRO

Touch display

LINKMATE

Each labeling system can be set and configured easily with LinkMate.

- EASY SETUP FEATURE TO LOAD THE CONFIGURATION OF ANY SYSTEM.
- FINE TUNING OF EVERY CONFIGURATION PARAMETER FROM SERVICE ACCESS LEVEL
- FULL DIAGNOSTICS OF EVERY INPUT AND OUTPUT OF THE SYSTEM
- EASY TO RECORD A REPORT WITH A SNAPSHOT OF REAL TIME SYSTEM EVENTS
- EASY TO REQUEST TECHNICAL ASSISTANCE BY SHARING A DATA REPORT



INTUITIVE USER INTERFACE

- The 7-inch LCD touch screen control panel has a resolution of 800 x 480 pixels.
- It is intuitive and easy to use, featuring icons, and has three levels of management (operator, supervisor, and service).
- The compact display is splash resistant.
- The rugged, corrosion-resistant control panel shell is made of anodized aluminum so it can be used in harsh industrial environments.





COMPLETELY ICON-BASED

- Configuration and Service remote tool
- Easy I/O management and configuration
- TCP/IP - USB
- User + Supervisor+ Service level, protected by password
- Unique platform for any IMA Labeling device
- Customizable user experience

EASY CONFIGURATION AND REMOTE ASSISTANCE

- Configuration and Service remote tool
- Easy I/O management and configuration
- TCP/IP - USB
- Four access levels, protected by password
- Unique platform for any IMA Labeling device
- Customizable user experience

FOCUS ON ACCESS LEVELS

- USER
It can view the firmware list, system events, and can request remote technical assistance.
- SUPERVISOR
It can select the application cycle, change some parameters related to the current cycle, and has access to some parameters related to system settings and diagnostics.
- SERVICE
It can configure and perform maintenance and service operations, can update peripheral firmware, and can manage program preferences.
- ADMINISTRATOR
It has complete access to all system parameters. This level of access is restricted to IMA Labeling technicians.



SPEEDMATE PRO

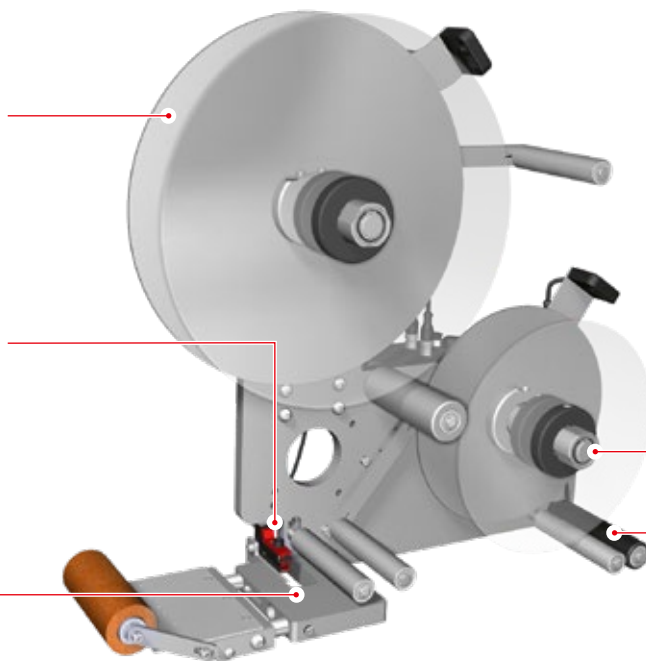


OVERVIEW

Powered unwinder, remotable, with reel holder Ø 350 mm (core 3", 76mm) Optional: up to Ø 400 mm reel holder.

Optical label sensor or ultrasonic label sensor (for transparent labels).

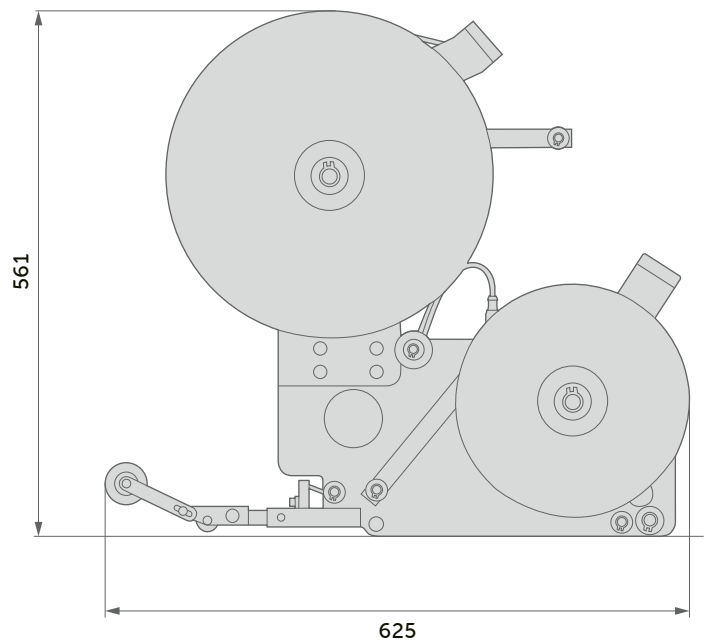
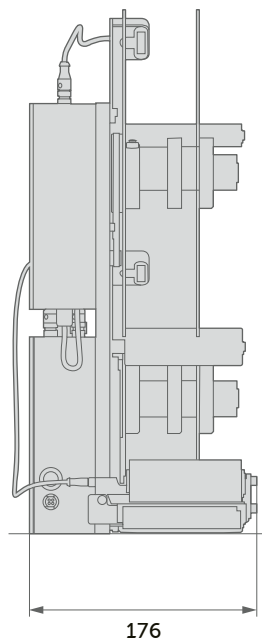
Hinged dispensing blade. Complete with foam press rollers. The blade shown is the «short» version; available as alternative the «long» one, used in combination with optional TTO printers.



Powered rewriter unit
Capable of up to Ø245 mm external rewriter diameter. It includes a reel meter sensor.

Powered dispensing group, with exclusive paper pulling group without any counter roller in contact. The paper path is completely open.

TECHNICAL DATA

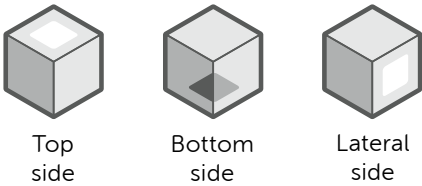


MODEL				
	L	W	H	WEIGHT
SpeedMate PRO, 2" liner, short peeling blade	625 mm	176 mm	561 mm	20,5 kg
SpeedMate PRO, 2" liner, long peeling blade	875 mm	176 mm	561 mm	
SpeedMate PRO, 4" liner, short peeling blade	625 mm	243 mm	561 mm	22,5 kg
SpeedMate PRO, 4" liner, long peeling blade	875 mm	243 mm	561 mm	
SpeedMate PRO, 6" liner, short peeling blade	625 mm	303 mm	561 mm	24,5 kg
SpeedMate PRO, 6" liner, long peeling blade	875 mm	303 mm	561 mm	
SpeedMate PRO, 10" liner, short peeling blade	625 mm	423 mm	561 mm	26,5 kg
SpeedMate PRO, 10" liner, long peeling blade	875 mm	423 mm	561 mm	

The SpeedMate PRO comes into different variants, and because of its scalable design, it will be the base for a product family, in continuous development.

- AVAILABLE VERSIONS: RIGHT OR LEFT.
- 2", 4" 6" AND 10" LINER PASSAGE.
- PEELING BLADE: SHORT OR LONG.

APPLICATION SCHEME DESIGN



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