

ALtech ALritma X



Label applicators

ALritma X represents the maximum evolution of the ALritma series, where the X distinguishes its extraordinary performance for high-volume, high-speed requirements.

Product features

The entry version of the new ALritma X is equipped with a larger, 400 mm diameter unwind unit and an oversized rewind unit for the liner, to extend the working time between label changeovers. It can reach label application speeds of up to 40 m/min and is available for label widths of 100 and 200 mm.

ALritma X can be fitted with an HP (High Performance) kit which includes a motorized rewinder unit for the liner and an innovative "push-pull" label web drive system. With this configuration the unit can reach 90 m/min and a cruising rate of 900 labels/min. (depending on label size), with high positioning accuracy even during speed variations. This version is particularly suited to huge workloads, such as on rotary labelers or non-stop applications.

Standard features

- Adjustment of label dispensing speed.
- Label pre-dispensing adjustment.
- Labeling delay adjustment in mm, with shift register.
- Storing of 40 different labeling recipes.
- Automatic recovery of missing labels.
- Progressive and regressive counter.
- Filter for double product detection.
- End-of-roll alarm and web break alarm.
- Output connection to other systems.

Available features

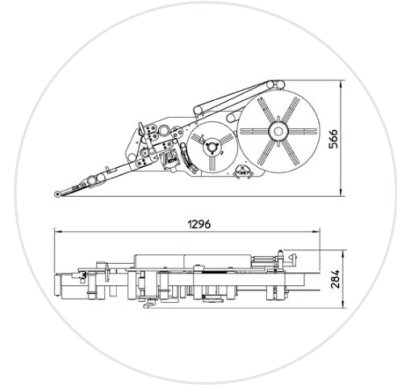
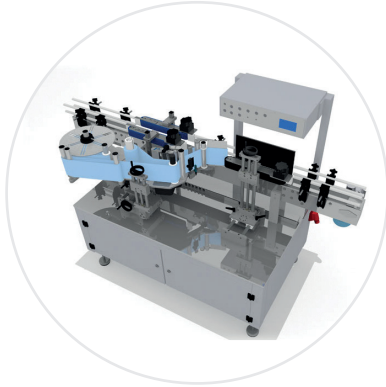
- Printer/coders for variable data.
- Label sensor for transparent material labels (ultrasonic).
- Pneumatic and air-blow applicators.
- Near end of reel control, with multicolor alarm beacon.
- Non-stop control system, to control two sequentially placed applicators.
- Encoder for automatic speed matching, with algorithm to maintain label placement position at different speeds.
- Multipage labels kit.
- Semi-automatic kit.
- Ultra compact configuration (with smaller unwind unit).

In addition to all the features of the ALritma series, ALritma X includes numerous technological innovations, the result of ALTECH's experience in labeling machine manufacturing, including:

- Facilitated paper insertion system.
- Double effect pre-unwinding system.
- Push-pull drive system.
- Compact rewind unit with brushless motor and reducer integrated in the rewinding disk
- Silicone paper removal system integrated into the web guiding disc.

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Configuration Examples



Technical Specifications

	ALRITMA-X S/M/L	ALRITMA-X-HP (PERFORMANCE MODEL) S/M
Label Width Max mm	100 (S), 200 (M)	100 (S), 200 (M)
Speed	40 m/min	90 m/min (S), 70 m/min (M)
Controls	Display touch screen	
Memory Capacity	40 formats	
Machine Body Protection	IP55	
Unwind unit Ø	400 mm	
Rewinder Ø	250 mm	
Powered Rewinder	-	Standard
Push-pull Mechanims	-	Standard
Standard Alarms	End of roll – Web break – Drive open	
Missing Labels Recovery	Standard	
Near End of Roll Check	Optional	
Pneumatics Applicators	Optional	
Encoder	Optional	
Transparent Label Sensor	Optional	
Coder / TT Printer	Optional	
Power Supply	240 V – 50 Hz – 500 W	
Power Consumption	400 W	



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