

Novexx XLS

Versatile Labeling Systems



LABEL
APPLICATOR



With the powerful XLS labeller family, you are ready for any industrial labeling requirements. Various configuration options and a large number of suitable applicators round off these reliable labeling systems.

Suitable for the labeling of products from all industries

Whether you use narrow or wide labels or work in humid or dry environments, our reliable labeling systems provide excellent labeling performance and dispensing accuracy.

XLS 2xx – The perfect labeling solution for:

- Hygiene products
- Household goods
- Electronics
- Shipping units
- Cosmetic products
- Food and beverages
- Chemical products
- Automotive applications

Fast, flexible, user-friendly

- Combines extreme robustness with high performance
- Designed for demanding use in continuous operation, 24 hours a day, 7 days a week
- Large display with intuitive menu navigation
- Easy Push Rewinder for easy and fast removal of label material
- Modular concept for easy integration into existing production line
- Top, side or bottom labeling through three different fixing options
- Dispensing edge can be rotated up to 90° for even more flexible labeling

Extremely robust

- High-quality components and compact industrial design
- Designed for demanding continuous use
- Developed and produced in Germany

User-friendly

- Large, multi-color backlit display showing machine status
- User-friendly and intuitive symbol-driven menu navigation
- Easy handling of label material thanks to the Easy Push Rewinder

User-friendly

- Automatic adaptation to conveyor belt speed
- 90° rotatable dispensing edge
- Can be combined with IP65 kits for use in humid or dusty environments

High flexibility

- Can be combined with a wide range of applicators to meet almost any requirement
- Modular design for easy integration into existing production lines
- Suitable for use in tandem operation for maximum uptime
- Depending on the device type of the series, 5-233mm wide labels can be dispensed directly at a speed of 0-70m/min



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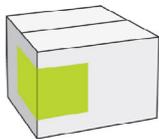
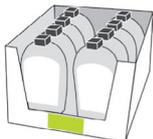


Technical Specifications Novexx XLS Series

The perfect solution for any requirement

The XLS 2xx labeling systems enable the precise application of labels in any specific position of your products, trays, and cartons.

- Level, uneven, and sensitive surfaces
- Products with consistent and variable height
- Moving and non-moving products
- Contactless labeling
- Application of labels in any position possible (also around corner edges)



Speed	XLS 204	XLS 206	XLS 209	XLS 256	XLS 272
Dispensing speed up to	40m/min	30m/min	25m/min	50m/min	70m/min
	1,000 labels in 2.6 min*	1,000 labels in 3.4 min*	1,000 labels in 4.1 min*	1,000 labels in 2.0 min*	1,000 labels in 1.5 min*
Labels					
Material	Self-adhesive label with liner; inside/outside winding possible				
Label roll diameter unwinder	Up to 300mm				
Backing paper roll diameter rewinder	Up to 200mm				
Core diameter label roll	1.5"/3"/4"				
Material width incl. backing paper	10-110mm	10-160mm	50-233mm	10-160mm	10-53mm
Label length	5-600mm	5-600mm	5-600mm	5-600mm	5-600mm
Label stop accuracy					
At dispensing edge	+/-0.5mm at fixed speed; +/-1.0mm at variable speed				
Display					
Control panel	Graphical display 128 x 64 dots, 4 lines, 5 push buttons				
Data Interfaces					
Serial	1x RS232C, D-Sub 9, max. 115200 Baud				
Ethernet	1x 10/100 Base T/TX RJ45				
USB	1x device, 1x host				
Remote display	1x RS485 (mini-DIN 6)				
Internal interfaces	Applicator interface (optional)				
PLC Interfaces					
Opto-isolated	Sub D15 or optional two 8-pin M12				
Output	4x PNP, 24 V, max. 500mA/Output				
Input	3x PNP/NPN, 24 V				
External sensor interfaces					
Opto-isolated	4-pin M12 connector				
Label sensor	Optical Label sensor				
Alternative sensors	PNP/NPN, 24 V				
Product sensors/ APSF sensor/ OD sensor	PNP/NPN, 24 V				
Status messages					
Dispensing stops, when	1. Label stock ends or 2. Missing label counter is exceeded or 3. No label gap found				
Test functions					
	Automatic diagnosis after powering on				
IP-protection					
Class	Standard 21, option 65			Standard 21	Standard 21
Noise					
Max.	< 70 dB [A]				
Dimension/Environment					
H x W x D [mm]	40m/min	30m/min	25m/min	50m/min	70m/min
Mains voltage/power consumption					
Operating temperature					
Humidity	30-85%, not condensing				
Qualification	CE, TUV/GS, FCC, CCC, GOST, NRTL [US/CA]				
Options**					
L-shape dispensing edge, V-shape dispensing edge, external OD sensor, capacitive label sensor, different sensors, various LA-xx applicators, external remote control display, tandem function, Applicator Interface, IP 65 kit, adjustable fixture for L-shape, rotary encoder for APSF (automatic product speed follower), rotatable L-shape fixture, label web splice table.					

* Indication for 100 x 100 mm labels, feed 2 mm
 ** Depends on the model



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