NOVEXX SOLUTIONS

ULTRA HIGH-PERFORMANCE XLS 30X LABELING SYSTEMS

High performing, robust, industrial labeling systems for applying decorative, informative and branding labels in demanding environments for continuous operation.

MODULAR DESIGN – HIGH PERFORMANCE

The XLS 30x Labeler Series is our highest performance-labeling system, equipped for the toughest labeling demands and environments. The innovative modular concept is specifically designed to ensure flexibility and optimize efficiency, even while applying labels of up to 229 mm (9") width.

XLS 306 HIGHLIGHTS

- High-performing labeling system for application of label materials up to 152 mm (6") width
- Ideal system for high volume labeling with near-perfect application accuracy at speeds up to 60 m/min.

XLS 309 HIGHLIGHTS

- High-performing labeling system for application of label materials up to 229 mm (9") width
- Ideal system for high volume labeling with near-perfect application accuracy at speeds up to 45 m/min.

COMMON TO BOTH

Flexibility

- Modular components promote maximum efficiency and production uptime
- Quick and easy machine and line integration due to variable label roll positioning and mounting options

Productivity

- The apply unit module and the power rewind module can easily be pulled out, allowing front access for easy maintenance and shorter downtimes

Intelligence

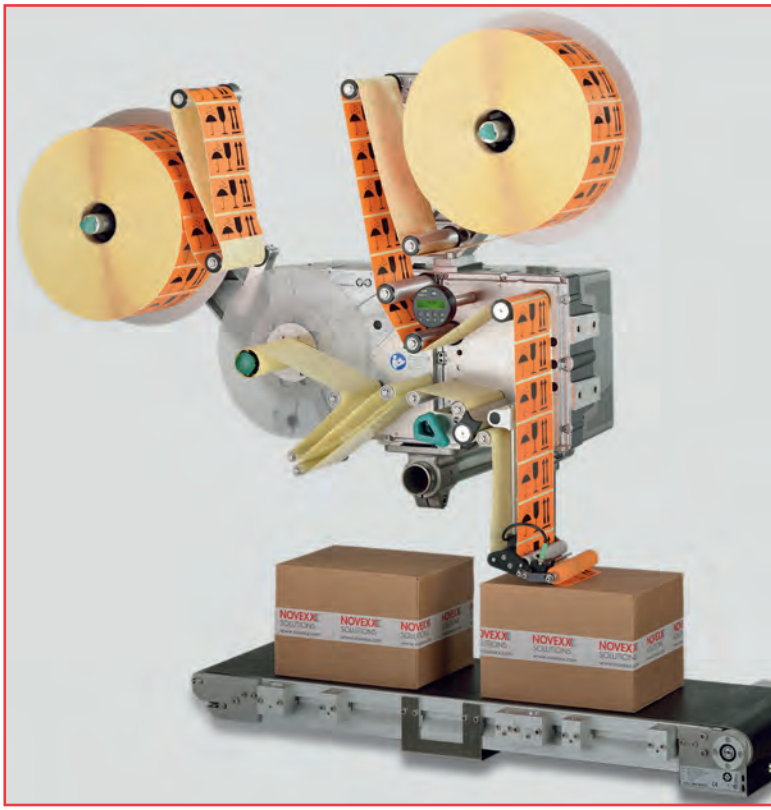
- Internal warning in case new material supply is needed
- Automatic Product Speed Following (APSF) assures reliable and accurate labelapply on conveyor belts with variable speeds

Connectivity

- Offers all common connectivity features standard: ethernet, serial port, USB, SD card

MORE INFORMATION

To learn more please contact your NOVEXX Solutions representative or visit our website at www.novexx.com.



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SPECIFICATIONS		XLS 306	XLS 309
Dispensing speed up to		60m/min 1,000 labels in 1.7 min.*	45m/min 1,000 labels in 2.3 min.*
Labels	Material	Self-adhesive label with liner, inside/outside winding possible	
	Label roll diameter unwinder	300 or 400 mm	
	Backing paper roll diameter rewinder	Up to 270 mm	
	Core diameter label roll	1.5”/3”/4”	
	Material width incl. backing paper	25-160 mm	25-233 mm
	Label length	20 – 600 mm (depending on dispensing speed and required performance)	
Label stop accuracy	At dispensing edge	+/- 0.5 mm at fixed speed; +/- 1.0 mm at variable speed	
Electronics	Card slots	One SD card	
	Control panel	Graphic display 128 x 32 dots, 2 lines, 5 push buttons	
Data Interfaces	Serial	1x RS232, D-sub 9	
	Ethernet	1x 10/100 Base T/TX RJ 45	
	USB	1x device, 1x host	
	Remote display	1x RS485 (mini-DIN 6)	
	Internal Interfaces	Applicator interface (optional)	
PLC Interfaces	Opto-isolated	D-sub 15 connector , optional on 8-pin M12	
	Output	4x PNP, 24V, max. 500 mA	
	Total max.	1500 mA	
	Input	3x PNP/NPN, 24V	
External sensor interfaces	Opto-isolated	4-pin M12 connector	
	Label sensor	Optical Label sensor	
	Alternative label sensors	PNP/NPN, 24V	
	Product sensor/APSF sensor/ external OD sensor	PNP/NPN, 24V	
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, optional 54	
Dimensions/ Environment	H x W x D (mm), base module	389 x 726 x 386	389 x 726 x 470
	With unwinder Top	802 x 726 x 386	802 x 726 x 470
	Weight (incl. one unwinder)	54 kg	56 kg
	Mains voltages/power consumption	100/240 V (AC); max. 5.1/2.1 A	
	Operating temperature	5 – 40° C	
	Humidity	30 – 85%, non-condensing	
	Qualifications	CE, TUV/CS, FCC, CCC, GOST, NRTL (US/CA)	
Label positions		Top/side/bottom. Direct apply or by use of applicator	
Options	L-shape dispensing edges, L-shape rotating fixtures standard or adjustable (EURO-fixtures), various LA-xx applicators, internal label roll OD kit, tandem function, applicator interface, IP54 kit, rotary encoder for APSF (automatic product speed follower), remote display, splice table, capacitive label sensor.		

* indication for 100 x 100 mm labels, feed 2 mm

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