ALS Advanced Labelling Systems Limited
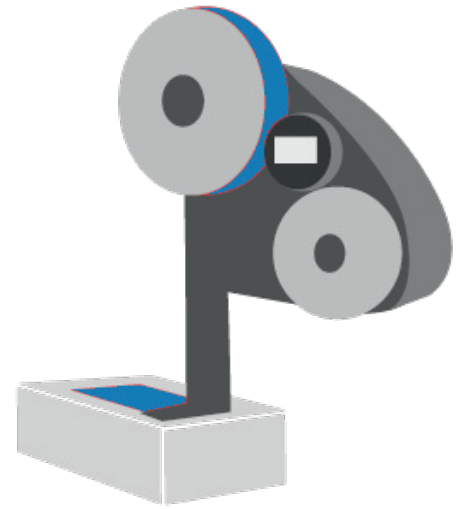
NOVEXX SOLUTIONS

YOUR PRODUCT IDENTIFICATION EXPERTS

XLS 200

Compact Series
LABEL APPLICATORS

VERSATILE, RELIABLE & EASY TO USE

- Extremely robust & compact
- Excellent performance & labelling accuracy
- Integrate easily, with various mounting options

Possehl
Identification Solutions

A Possehl Identification Solutions Company
www.possehl-identification.com

INDUSTRIAL LABELLERS
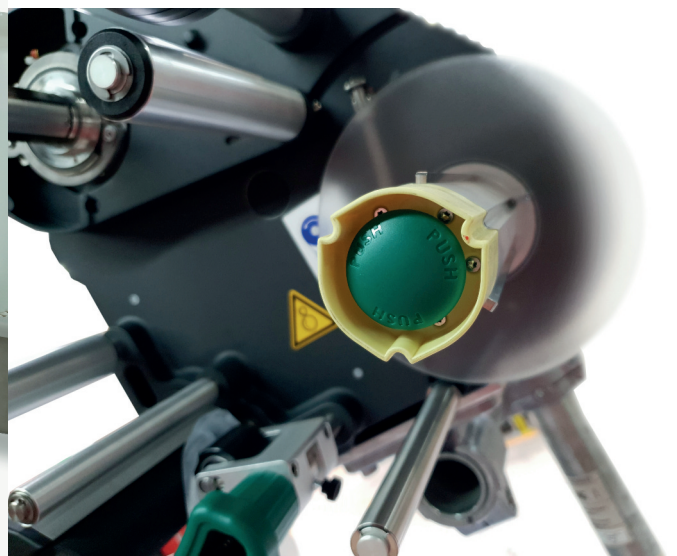## Compact Class

XLS 200
Robust, Low-cost, Performance, Versatility

Reliable, Accurate, Compact:

- ✓ Top quality for standard applications
- ✓ Excellent price-performance ratio
- ✓ Various application dispensing edges
- ✓ Automatic continuous adjustment to actual production line speed with APSF function
- ✓ Auto-compensation for missing labels on web
- ✓ Braked label unwind for constant web tension gives consistant accuracy at the dispense edge
- ✓ 3 mounting positions for easy integration on-line

High-Performance:

- ✓ High-torque motors for demanding applications
- ✓ Application speeds of up to 70 m/min
- ✓ Label widths up to 233 mm
- ✓ Unbeatable flexibility with the various add-on application units available
- ✓ Easy maintenance and quick control with user-friendly central remote control function
- ✓ Zero down-time with 2 units operating in a tandem configuration
- ✓ Large display panel, with colour backlit screen

In a Class of their own!
XLS 204 / 206 / 209 / 256 / 272

Low Cost, Compact Size, High Build Quality
With a cast-aluminium housing, the XLS Compact Class are an industrial-capable range at an extremely affordable price. They are fast and durable, even with the most demanding requirements in round-the-clock operations.

High Standard of Industrial Protection
Additionally available IP65 kits provide even more protection and guarantee easy cleaning, which is of particular importance in the food industry. The XLS family can therefore also be used in humid or dusty environments.
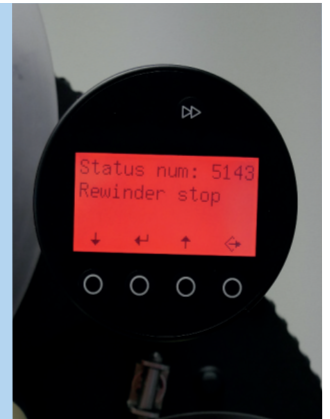
User-Friendly
The 360° rotatable multifunctional display with intuitive menu structure is integrated. The machine can be optionally operated remotely by a cable connection to an additional remote control display.

XLS Colour Display
The XLS 200 series benefit from a larger display that can show more information, along with a backlit colour, to indicate various states:
Blue - Online & Running OK
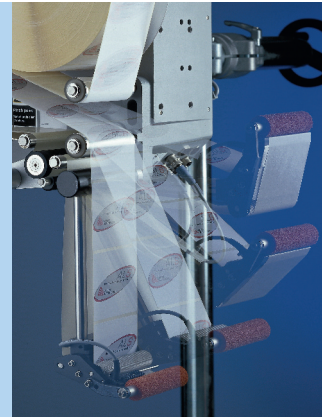Amber - Warnings (low labels)
Red - Errors or Stopped

Integration
Easily integrated into various control systems thanks to the easy to access interfaces; SPS interface, CF card, USB and Ethernet connection.
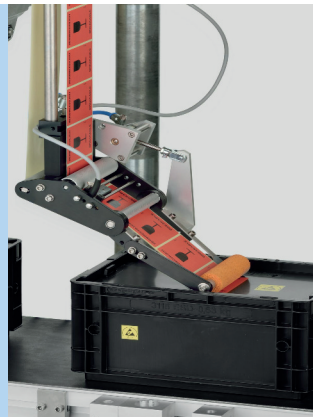
Flexible in Use
The XLS 200 Series enable top, side & underneath labelling with three different mounting options. The "L"-shaped dispensing edge, which can be rotated by up to 90° and locked in position, ensures even more flexibility.

Multiple Application Methods
Various application devices are available to suit your specific product labelling requirements, depending on speed, position and orientation. Options include: direct apply/wipe-on, blow-on, tamp-on, tamp-blow and a 90° swing-on tamp.

Easy Handling
The backing paper can be removed without difficulty with the "easy-push" mechanism and you can also insert new material just as easily. The material roll can be fixed with ease and is freely accessible at all times.

XLS 200 SPECIFICATIONS

	XLS 204	XLS 206	XLS 256	XLS 209	XLS 272
Dispensing Speed up to:	40 m/min	30 m/min	50 m/min	25 m/min	70 m/min
Label Material:	Self-adhesive / Pressure-Sensitive (PS) labels or EAS/RFID tags and in-lays with backing liner, both inside & outside winding is acceptable				
Label Roll - Max Outer Ø	300 mm	300 mm	300 mm	300 mm	300 mm
Label Roll Inside Core Ø	38mm, 76mm or 100mm				
Material Width (Incl. backing liner)	10 - 110 mm	10 - 160 mm	10 - 160 mm	50 - 233 mm	10 - 53 mm
Label Length	5 - 600 mm	5 - 600 mm	5 - 600 mm	5 - 600 mm	5 - 600 mm
Label Dispensing Accuracy	+/- 0.5 mm	+/- 0.5 mm	+/- 0.5 mm	+/- 0.5 mm	+/- 0.5 mm
Processor	32-bit CPU, RAM 128MB, ROM 8MB				
Motor Drives	2 x Stepper Motors				
Card Slots	1 x SD card				
Control Panel / Display	128 x 64 dots, back-lit colour				
Auto Product Speed Following	YES (requires encoder)				
Tandem Function	YES (requires 2 machines)				
Databanks (save/recall settings)	16				
Data Interfaces:					
Serial RS232C,(Sub-D9)	For control communication and service purposes				
Ethernet	1x 10/100 Base-T (RJ45)				
USB	1x USB (Host), 1 x USB (Device)				
Remote Display 1x RS422	YES				
Standard Applicator Interface	To control optional application devices				
SPS/PLC Interfaces:	Output : 4 x PNP, 24V, 500mA per channel Total permissable output current : 1500 mA Input : 3 x PNP/NPN, 24V				
External Sensor Interfaces	Opto-isolated 4-pin M12 connectors Label sensor Wenglor optical OPT242-P800(NPN) Alternate sensors PNP/NPN, 24V Product sensor PNP/NPN, 24V APSF sensor Single/bi-phase, PNP, 24V OD-sensor PNP, 24V				
Status Messages/Test Functions:	Dispensing stops, when: ○ label stock ends or missing label counter is exceeded Test functions : ○ automatic diagnosis after powering on				
IP-Protection Upgrade Option	Option IP65	Option IP65	N/A	Option IP65	N/A
Noise:	< 72 dB (A)				
Dimension/Environment:					
Size H x W x D (mm)	492 x 488 x 371	492 x 488 x 402	492 x 488 x 402	492 x 488 x 505	492 x 488 x 352
Weight	36 kg	38 kg	40 kg	41kg	31kg
Mains Voltage / Power	115/230V (AC)	115/230V (AC)	100/240V (AC)	115/230V (AC)	100/240V (AC)
Operating Environment Qualifications	Operating Temp: 5 - 40°C Humidity: 30 - 85%, non-condensing CE, TÜV/GS, FCC, CCC, GOST, NRTL (US/CA)				

Options:

○ L-Shape Dispense Edges (fixed, sprung, pneumatic) ○ V-Shape Dispense Edge
○ Label Roll OD Sensor ○ Label Gap Sensors (various) ○ Tandem Link Kit

Standard Applicators:

○ LA-TO (Touch-On) ○ LA-SO (90° Swing-On Tamp)
○ LA-BO (Blow-On) ○ LA-TD (Touch-Down) ○ LA-LT (Light-Touch)