WILUX System PLS31xx

Print and label

Swissness - Development and production in Switzerland

WILUX PRINT AG
Unterfeldstrasse 5
CH-8340 Hinwil

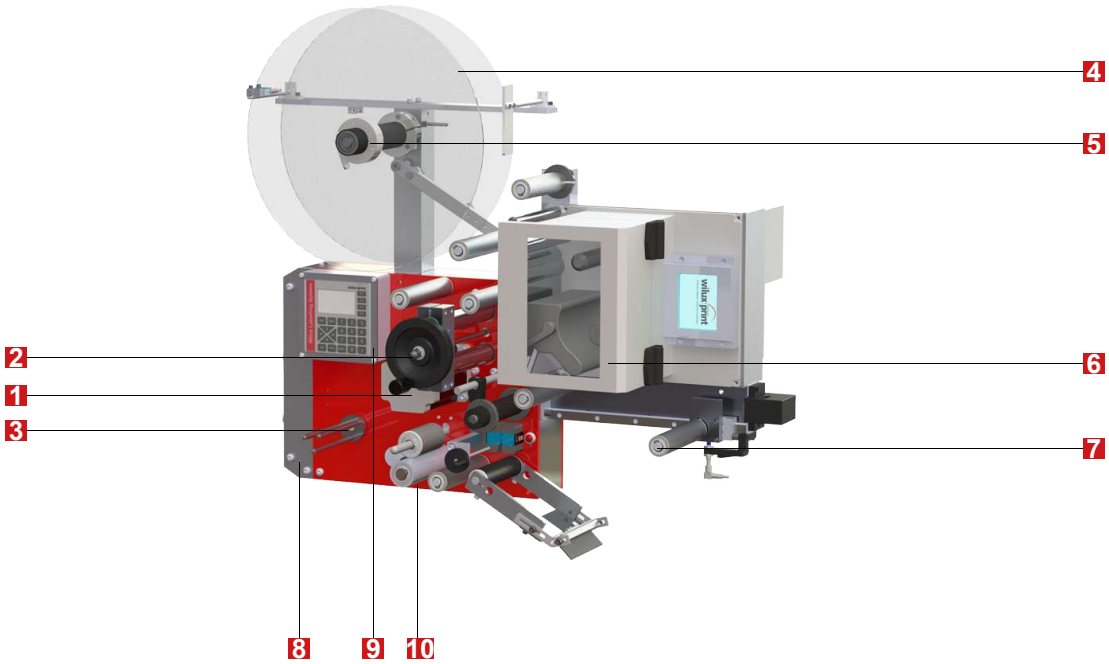
Tel.: +41 (0)55 253 24 24
Fax: +41 (0)55 253 24 25

mail@wilux.ch
www.wilux.ch
www.labellingshop.com

wilux print swissness
Ihr Partner für Etikettier- und Kennzeichnungslösungen

Labelling systems, equipped with inline thermal transfer printer

With the WILUX System PLS31xx, equipped with an **inline thermal transfer printer**, products of all kinds can be marked with ease in throughput or at standstill.



Labelling head WLS-II WILUX Labelling System	
1	Driven by stepping motor
2	Unwinding device with pendulum and band brake
3	Rewinding device for the backing paper
4	Flanges made of transparent Makrolon
5	Label roll Ø: max. 360mm
6	Modular expandable with applicators
7	Loop pendulum
8	Control electronics integrated in the labelling head
9	Control panel with intuitive menu navigation
10	Basic module available in right or left-hand version

Possible applications
Movable and rigid dispensing edge (on request with magnetic or pneumatic support)
Pneumatic adapter for application at standstill
Airjet adapter for contactless labelling in a continuous flow
Electrical adapter for contactless labelling at standstill
Wrap-around labelling, top/bottom labelling, side labelling, corner labelling, tamper evident labelling and special solutions

Models	WLS-II 1203	WLS-II 1206	WLS-II 1706	WLS-II 2204
Label bandwidth	max. 120mm	max. 120mm	max. 170mm	max. 220mm
Dispensing speed (infinitely variable)	max. 30m/min*	max. 60m/min*	max. 60/min*	max. 40/min*
	*depends on the label width			
Electrical connection	230 V / 50 Hz			

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DATAMAX A-Class Mark II

Inline thermal transfer printer

further technical details
see data sheet DATAMAX A-Class Mark II

Standard functions
Applicator interface port (15 pin) with programmable inputs and outputs
Graphic LCD control display with backlight
DPL, ZPL, PLI command language
Paper feed control after printing
Ribbon end pre-alarm
Start diagnosis
Diagnostic display and modes
Material counter
Integrated real-time clock
Ribbon types: coated side inside or outside
Maximum ribbon length: 650m

Models	A-4xxx	A-6xxx
Printer type	Thermal direct and thermal transfer	
Versions	Right or left-hand versions available	
Print speed	50 - 304mm/sec	50 - 254mm/sec
	Depending on the type of printer and the quality of the label material and ribbon used	
Resolution	203 - 600 dpi	203 - 300 dpi
	Depending on the printer type used	
Print width	104.0 - 105.7mm	162.6 - 167.0mm
	Depending on the printer type used	
Print length	6 - 2500mm	
Label carrier width	25 - 118mm	50 - 170mm
Communication ports	Serial + parallel port, USB, Ethernet TCP/IP	

Barcodes / fonts / graphics

Barcodes
- Linear: Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, HIBC, EAN-8, EAN-13, Codabar, Plessey, UPC 2- und 2- and 5-digit additions, Post- net, Code 93, UCC/EAN-Code 128, Telepen
- 2D symbols: MaxiCode, PDF417, USD-8, Datamatrix, QR-Code, Aztec, TLC 39, Micro PDF417

Printer-specific fonts
- Ten alphanumeric fonts from 2mm to 6mm, including OCR-A, OCR-B and the AGFA® CG TriumvirateTM
- Scalable fonts: CG Triumvirate, CG Triumvirate Bold Condensed and CG Times with support for Cyrillic, Greek, Arabic and Hebrew characters

Downloadable font types
- True-Type, Bitmap

Character set
- Over 50 printer-specific character sets; Unicode/UTF8 support

Graphic support
- PCX, BMP und IMG files

Extension / rotation of fonts
- All fonts vertically and horizontally expandable up to 24 times
- Print fonts and graphics in four directions: 0°, 90°, 180° and 270°

Reversible field / mirror image
- Fonts and graphic fields can be printed as normal or inverted image

ILPC (International Language Print Capability)
- Kanji Gothic B, scalable
- Korean (Hangul)
- Chinese, simplified (GB)

Options

Device for optimizing ribbon consumption (pre-installed at the factory)
Internal wireless LAN (DMXrfNET II)
Remote front display with 1.8m cable
RFID (encrypted EPC Class 1/Gen 2 tags)
USB host / SDIO

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Labels and thermal transfer ribbons

Labels

WILUX is an expert in the production of multicoloured and unprinted labels in a wide range of shapes, sizes and materials, as well as in the realisation of high-quality special applications.

Trust our more than 40 years of expertise in the field of label production. We are able to offer you the right label for every product requirement.

Thermal transfer ribbons

WILUX thermal transfer ribbons are available in various qualities and colors and can be cut to length and width as desired.

To avoid electrostatic charging during the printing process and the associated damage to the print head, WILUX uses only high-quality thermal transfer ribbons.

Do you have further questions?

CONTACT US!
We will gladly advise you.

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