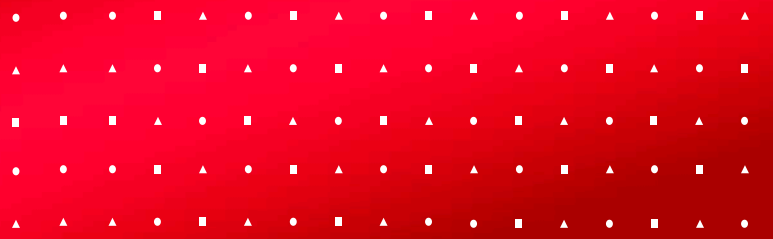
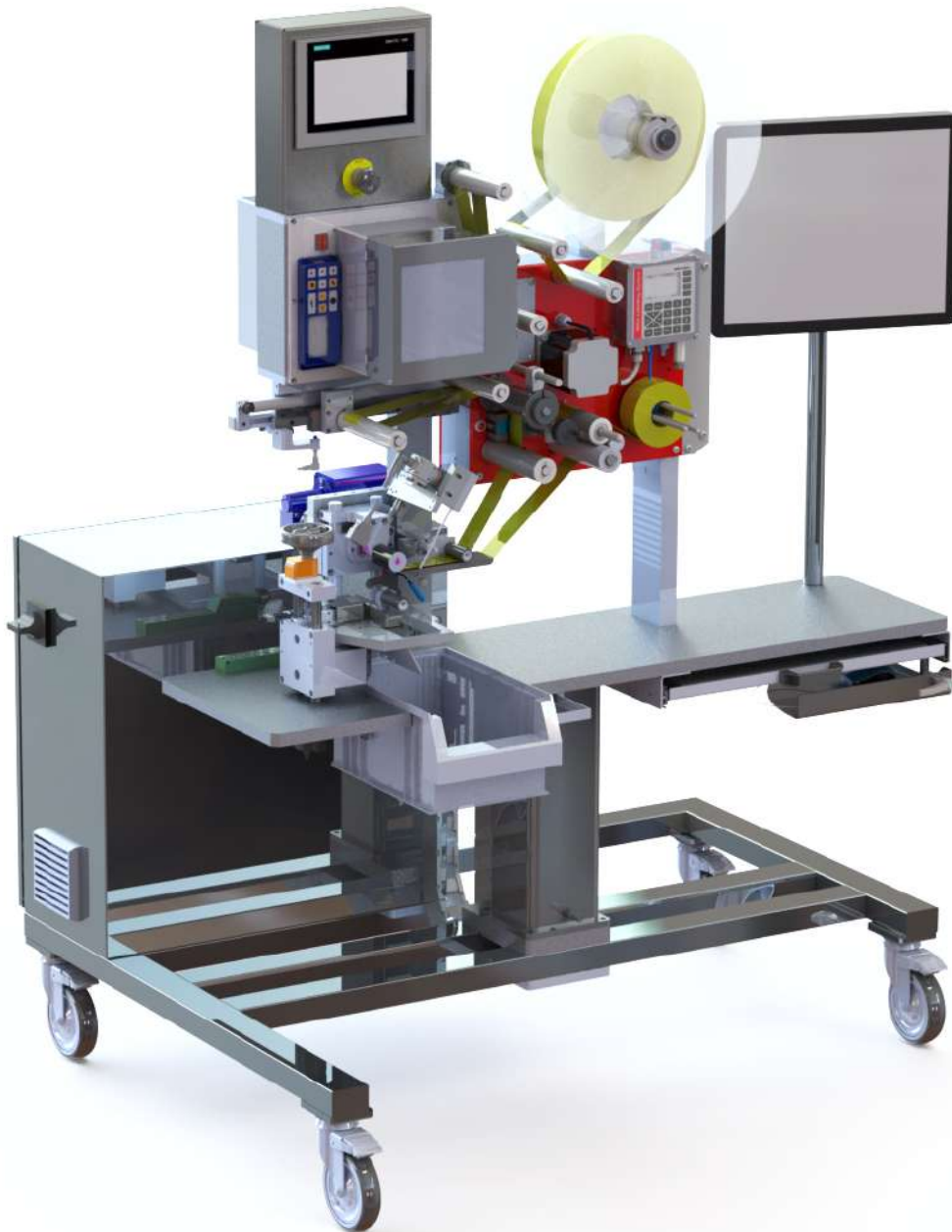


# WILUX System PLS32xx RU

Print and label all around



Swissness - Development and production in Switzerland



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# Labelling systems, equipped with WILUX hot stampers or inline thermal transfer printers

With the WILUX PLS32xx RU system, optionally equipped with a printing unit such as a **WILUX hot stamping system** or a **inline thermal transfer printer**, labels are applied to cylindrical products in a semi-automatic all-round application.



## 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	Modularly expandable with printing units
7	Control electronics integrated in the labelling head
8	Control panel with intuitive menu navigation
9	Basic module available in right or left-hand version

## Possible applications

Movable and rigid dispensing edge (on request with magnetic or pneumatic support)
Motion dispensing for labelling in throughfeed, driven by stepper motor
Pneumatic adapter for labelling at standstill
Travelling adapter for labelling in a continuous flow
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

## Product bearing and turning system

Synchronous with label release
Motor-driven
Two silicon rubber-coated, ground rollers
Precisely centered to the label dispensing position
At cross direction to the label running direction
Product positioning via a mechanically adjustable stop
Waltz length approx. 300mm, adaptable

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

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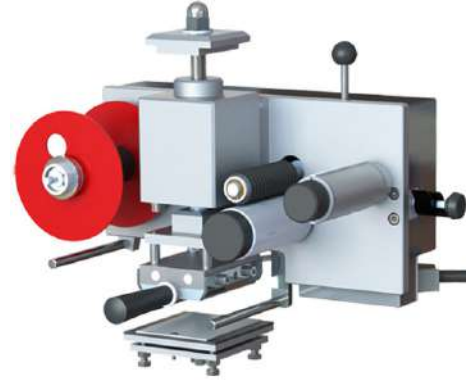
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# WILUX hot stamper

## optional

The WILUX hot stamping machine is suitable for the **cost-effective application of numbers, data and decorations** to all types of packaging or other materials that can be printed using the hot stamping process. Easy handling, outstanding reliability and high performance result in an excellent price-performance ratio. The WILUX hot stampers can be integrated into practically all types of packaging, filling and labelling machines and are also suitable for applying holograms.

Models	Hot stamping area
LP-40	25 x 40 mm
LP-80	50 x 80 mm
LP-100	100 x 100 mm
LP-150	100 x 150 mm
LP-200	100 x 200 mm
Pneumatically driven, electronically monitored hot stamping units in compact design, with central connection plug for electronic control.	



Hot stamping control system C-15
Functions controlled via small SPS control
Temperature and stamping time
Monitoring of film tearing and film end
Storage of product-dependent parameters
Possibility to query the operating status
Start signal via potential-free contact
Collective fault via potential-free contact



Technical data
Operating pressure 4-7 bar
Electrical connection 230V, 50/60Hz
Hot stamping temperature max. 190°C or 257°C

Integrated components
Hot stamping unit
Maintenance unit
Counter pressure table
One slide-in plate with handle

Hot stamping mount
Hot stamping device can be moved on guide rods at right angles to the label web run
Mechanical register roller for adjusting the print position in label web direction
Stainless steel or aluminium

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# DATAMAX A-Class Mark II

optional 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

Barcodes / fonts / graphics
<b>Barcodes</b> <ul style="list-style-type: none"> <li>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</li> <li>2D symbols: MaxiCode, PDF417, USD-8, Datamatrix, QR-Code, Aztec, TLC 39, Micro PDF417</li> </ul>
<b>Printer-specific fonts</b> <ul style="list-style-type: none"> <li>Ten alphanumeric fonts from 2mm to 6mm, including OCR-A, OCR-B and the AGFA® CG Triumvirate™</li> <li>Scalable fonts: CG Triumvirate, CG Triumvirate Bold Condensed and CG Times with support for Cyrillic, Greek, Arabic and Hebrew characters</li> </ul>
<b>Downloadable font types</b> <ul style="list-style-type: none"> <li>True-Type, Bitmap</li> </ul>
<b>Character set</b> <ul style="list-style-type: none"> <li>Over 50 printer-specific character sets; Unicode/UTF8 support</li> </ul>
<b>Graphic support</b> <ul style="list-style-type: none"> <li>PCX, BMP und IMG files</li> </ul>
<b>Extension / rotation of fonts</b> <ul style="list-style-type: none"> <li>All fonts vertically and horizontally expandable up to 24 times</li> <li>Print fonts and graphics in four directions: 0°, 90°, 180° and 270°</li> </ul>
<b>Reversible field / mirror image</b> <ul style="list-style-type: none"> <li>Fonts and graphic fields can be printed as normal or inverted image</li> </ul>
<b>ILPC (International Language Print Capability)</b> <ul style="list-style-type: none"> <li>Kanji Gothic B, scalable</li> <li>Korean (Hangul)</li> <li>Chinese, simplified (GB)</li> </ul>
<b>Integration</b>
<b>Communication ports</b> <ul style="list-style-type: none"> <li>Standard: USB, Centronics (parallel) RS232 (DB-9) up to 38.400 Bit/s (serial), 10/100 Base-T Fast Ethernet (internal Ethernet)</li> </ul>
<b>Firmware</b> <ul style="list-style-type: none"> <li>Updates: available online</li> <li>Universal printer command languages</li> <li>(Emulation): PL-Z Zebra und PL-I Intermec</li> </ul>
<b>Speicher</b> <ul style="list-style-type: none"> <li>8 MB Flash</li> <li>16 MB DRAM</li> </ul>

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	

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# Labels, thermal transfer ribbons, hot stamping foils, printing and hot stamping accessories

## 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.



## Hot stamping foils

WILUX hot stamping foils meet the highest demands and are available in various shapes and sizes. In addition to the standard foils in black, practically all colors, including gold and silver, are available.



## Printing and hot stamping accessories

- Individual application possibilities
- Individual types and type wheels made of hardened steel
- Type and cliché holder made of brass
- High-precision steel support plate for steel types
- Hardened and engraved steel blocks in combination with individually settable types
- Numbersetters and daters with transverse pin or razor fixation
- Pointed engraving for blind embossing



Do you have further questions?

## CONTACT US!

We will gladly advise you.

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