# cab
## product marking



# *a6+* Label Printer – The Broad.

**Made in Germany.**

# Technical details.

*Label printer A6+ with dispense function*

**1 Big graphic display**
White backlight for optimum readability.

**2 Ribbon holder**
Three-part tightening axles enable quick and easy ribbon exchange.

**3 Straightforward adjustment**
The printhead is pressed down with two sliding toggles. One is mounted to the left label margin, the other one is pushed to the right label margin.

**4 Peel-off option**
The label is removed from its liner via a peel-off plate. A high printing and dispensing accuracy can be achieved with the additionally powered rewind assist roller and the pinch roller.

**5 Peripheral connection**
Add-on modules such as cutters, external rewinders, present sensors and applicators are easy to connect via the USB peripheral interface. All peripherals are connected to the printer in seconds using two pins and fixed in place with a screw.

**6 Solid metal housing**
Made of die-cast aluminum.
All components are mounted on it.

**7 Roll holder**
Available for core diameters from 38 mm. (We provide adapters for core diamters wider than 76 mm for improved label winding). The spring-mounted margin stop ensures constant tension during feeding, thus ensuring a highly precise imprint.

**8 Internal rewinder**
The three-part tightening axles ensure the easy rewinding and removing of labels or liners with or without paper core.

**9 Only one tool for all maintenance tasks**
For exchanging wear parts and connecting peripherals, the Allen key is located ready to hand at the printer.

# All required interfaces.

1. RS232C interface.
2. USB 2.0 slave interface.
3. Ethernet 10 / 100 Base T interface with TCP/IP.
4. Slot for wireless LAN card.
5. Two USB master interfaces for connecting an external operation panel, keyboard, scanner or service key.
6. Slot for CompactFlash Type I memory card.

### Options

› Centronics bi-directional interface acc. to IEEE 1284.
RS422 / RS485 interface 1,200 up to 230,400 Baud / 8 Bit.
The interfaces are plugged into the PC.
Connection to the printer via mini USB connection cable.

› Label selection – I/O box.
Up to 16 different labels can be loaded via PLC from a memory card. Operation of four inputs/outputs via Basic Interpreter.

› cab WLAN card 802.11 b/g.

# Stand-alone operation.

**Printing with a cab printer without a PC.**
The layout of the labels is created either using label software or through direct programming via a text editor on the PC. Label formats, fonts and graphic data, serial data and database contents are saved or imported on the CF memory card, USB flash drive or the internal IFFS printer memory.

Only variable data is sent to the printer via keyboard or host computer before being printed out. Data from a barcode scanner or a balance can also be received by the printer.

## Accessories for stand-alone operation

**Memory card**
CompactFlash Type I

**Compact keyboard**
Connection: USB, number of keys: 86
L x W mm: 282 x 132
Cherry G84-4100

Device functionality and compliance with CE standards are only warranted by using the accessories provided or recommended by cab.

# Software tools.

### Direct programming with J-Script

The printer language is easy to understand and simple to integrate into your host system. Variable data is linked with host applications. Label design, graphic data and fonts are recorded on the CompactFlash card. The host computer sends only variable data to the printer.

```
J                                    Job start
H 100                                Speed (100 mm/s)
O R                                  Orientation rotated by 180°
S l1;0,0,68,70,100                   Size of label (100x68 mm, gap 2 mm)
T 10, 10,0,5,pt20;sample             Text object/font: Swiss bold, 20 pt
B 10,20,0,EAN-13,SC2,401234512345    Barcode EAN 13, size SC 2
G 8,3.5,0;R:30,9,0.3;0.3             Graphic, box 30 x 9 mm,
                                     Line strength 0.3 mm
A 1                                  Number of labels (in this example 1)
```

### Integration into SAP R/3*

In cooperation with SAP, cab developed the "replace method" for controlling cab printers quickly and easily from SAP R/3 using SAPScript. As a Silver Level partner in SAP's Printer Vendor Program, cab has access to the SAP development area for optimum printer support in SAP environments.

*\* SAP and R/3 are registered trademarks of SAP AG.*

**SAP® Printer Vendor Program**

Create labels with software → Transfer replace file into SAPScript → Exchange of variable data with SAPScript and printout

**Upload method SAP R/3 note no. 137431**

### abc – Basic Compiler

As an integrated element of the firmware, the Basic Compiler enables the printer to process data via BASIC programming before it is sent for print editing. This makes it possible for external printer languages to be replaced or data from other systems, e. g. a PLC or balance, to be transferred so information can be printed in different label formats.

Example of use:
Connection to a balance



```
calypso.lbl - Editor
Datei  Bearbeiten  Format  Ansicht  ?
<ABC>
label start
input a$
if left$(a$,15)="194300301480070" then
        print "R t2;",mid$(a$,16)
endif
if left$(a$,15)="194300300580172" then
        print "R t3;",mid$(a$,16)
endif
if left$(a$,15)="194300301970073" then
        print "R t1;",mid$(a$,16)
endif
if a$="Q0001" then
        print "A 1"
endif
goto start
```

### Database Connector

In stand-alone mode with additional network connection, the Database Connector enables stand-alone printers to access data directly from a central SQL-compatible database and to print it as a label. Data can also be written back to the database or changed during the printing process.
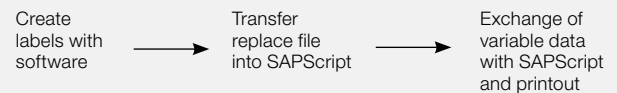


### Printer monitoring with Intranet and Internet

Using standard programs such as the web browser or FTP clients, the integrated HTTP and FTP server enables print monitoring, configuration, firmware updates and memory card administration. Status, warning and error messages are sent to administrators or users as e-mails or SNMP datagrams via SNMP and SMTP clients. A time server is used to synchronize the time and date.
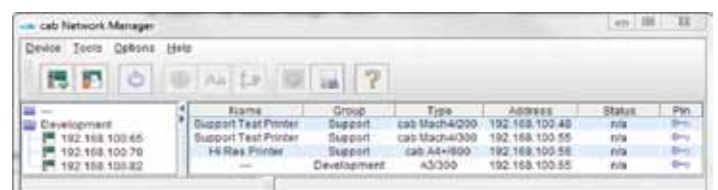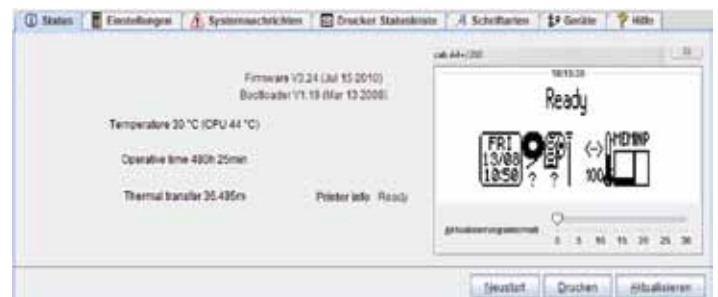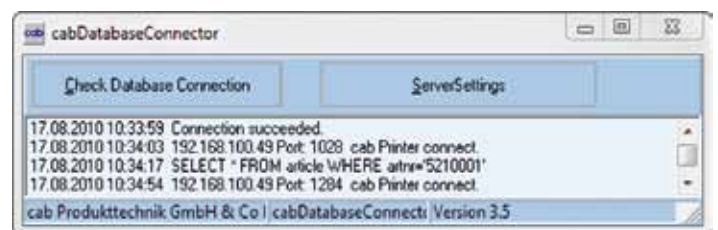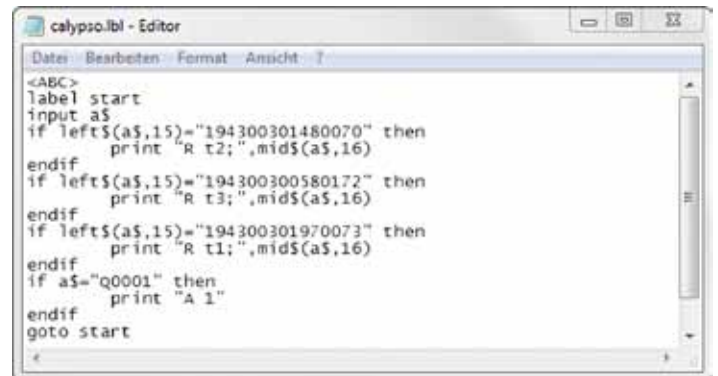


### Administration Network Manager

The cab Network Manager enables the user to control multiple printers across a network simultaneously. It supports monitoring, configuration, firmware updates, memory card administration, file synchronization and PIN administration centrally.

# Printer driver.



## WHQL-certified Windows printer driver for

| | | |
|---|---|---|
| Windows 2000 | Windows Server 2003 | Windows 7 |
| Windows XP | Windows Server 2008 | |
| Windows Vista | Windows Server 2008 R2 | |

Our printer drivers are officially certified and signed by Microsoft. They ensure optimum stability on your Windows operating system. The programs Word, Excel, Access, Corel Draw, etc. can be used to design and print labels.

### Apple-Mac OS X® driver
Alternatively, cab offers a CUPS-based printer driver for Mac OS X.

### Linux driver
Alternatively, cab offers a CUPS-based printer driver for Linux.

*Microsoft® is a registered trademark of Microsoft Corporation.*
*Mac OS® is a registered trademark of Apple Computer, Inc*

# Label software.

## cablabel R2⁺
A powerful label software that is available free of charge and specially designed for cab printers and print & apply systems.

Different fonts, barcodes and graphics in variable heights, widths and printing directions can be used to produce the best possible label design.

In addition to the loadable TrueType fonts available with MS Windows, cab printers also offer a large number of internal bitmap and vector fonts. Thanks to the support of the most commonly used codepages, country-specific special characters can also be printed.

High-performance functions make it possible to design and print even complex labels in just a few minutes. cablabel R2⁺ supports special functions of the cab printers, such as real-time clock, printer counter, stand-alone operation without PC, circular fonts or the printout of the printer data stream in a file. The MDI technology makes it possible to open several labels at the same time and to move objects from one label to another.
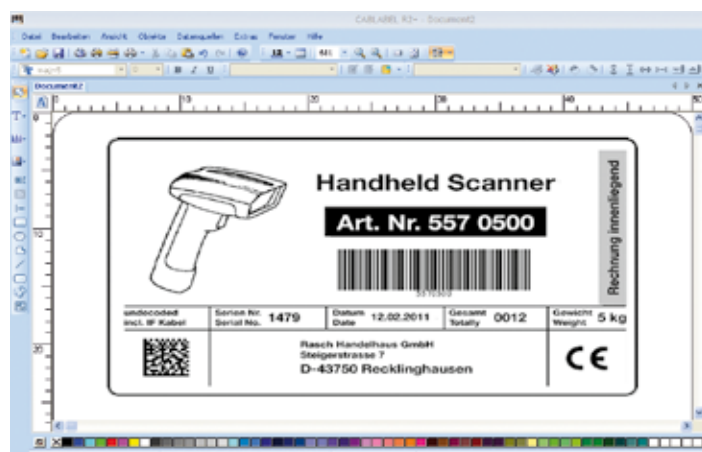
cablabel R2⁺ is available in 24 different languages for the following operating systems:

| | |
|---|---|
| Windows XP | Windows Server 2003* |
| Windows Vista | Windows Server 2008* |
| Windows 7 | *Terminalserver / Citrix are not supported.* |

## Additional label software
Highest possible variability – other commercially available label software solutions, such as Codesoft, Nicelabel, Easylabel, Bartender, Label Matrix or Labelview, support the cab label printers and labeling systems. More information is available on our website.

# Technical data.

■ Standard    □ Option

| Label printer | | A6+ | |
|---|---|---|---|
| **Printhead** | Print method | Thermal transfer / Thermal direct | |
| | Print resolution dpi | 203 | 300 |
| | Print speed up to mm/s | 30, 40, 50, 75, 100, 150, 175, 200 | |
| | Print width mm | 168 | 162,6 |
| **Material** | Labels, continuous rolls or fan-folded | Paper, cardboard, textiles, plastics such as PET, PE, PP, PVC, PU, acrylate, PI | |
| | Thickness mm / weight g/m² | 0.05 – 0.8 / 60 – 300 | |
| | Label width[1] mm | 50 – 176 | |
| | Width of liner or continuous material mm | 50 – 180 | |
| | Label height[1]   without back-feed  from mm | 6 | |
| | when dispensing[1] from mm | 25 | |
| | up to mm | 4000 | 3000 |
| | Media roll     Total diameter up to mm | 205 | |
| | Core diameter mm | 38 – 100 | |
| | Winding direction | Outside or inside | |
| **Ribbon** | Ink | Outside or inside | |
| | Roll diameter up to mm | 80 | |
| | Core diameter mm | 25 | |
| | Ribbon length variable up to m | 500 | |
| | Width[2] up to mm | 165 | |
| **Internal rewinder (only peel-off version)** | Total diameter up to bis mm | 142 | |
| | Core diameter mm | 38.1 | |
| | Winding direction | Only outside | |
| **Printer dimensions** | Height x Depth mm | 274 x 446 | |
| | Width mm | 302 | |
| | Weight kg | 13 | |
| **Label sensor** | Gap sensor | For leading edge of the label or punching marks and end of material | |
| | Reflective sensor from the bottom / from the top | For printing marks | |
| | Distance to locating edge mm | 5 – 53 | |
| **Electronics** | Processor high speed 32 Bit ColdFire / clock rate MHz | 266 | |
| | RAM MB | 64 | |
| | Memory IFFS MB Flash | 8 | |
| | Slot for CompactFlash Type I memory card | ■ | |
| | Slot for wireless LAN card | ■ | |
| | Battery buffer for | Real-time clock, printout of time and date. Data storage on shut-down. | |
| | Warning signal | Acoustic signal in case of error | |
| **Interfaces** | Centronics bi-directional acc. to IEEE 1284 | □ | |
| | RS232 C 1,200 up to 230,400 Baud / 8 Bit | ■ | |
| | USB 2.0 high speed slave for PC connection | ■ | |
| | Ethernet 10/100 Base T, LPD, RawIP printing, ftp printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP | ■ | |
| | RS422, RS485 1,200 up to 230,400 Baud / 8 Bit | □ | |
| | Peripheral connection | ■ | |
| | WLAN card 802.11 b/g WEP / WPA PSK (TKIP) | □ | |
| | 2x USB master for | External operation panel, keyboard, scanner, service key | |
| **Operating data** | Power supply | 100 – 240 V ~ 50 / 60 Hz, PFC | |
| | Power consumption | Max. 300 W | |
| | Temperature / humidity:     Operation | +5 – 40°C / 10 – 85% not condensing | |
| | Storage | +0 – 60°C / 20 – 85% not condensing | |
| | Transport | -25 – 60°C / 20 – 85% not condensing | |
| | Approvals | CE, FCC class A, CB, CCC, UL | |

[1] *Limitations may apply to small labels, thin materials or strong adhesives. Critical materials or applications must be tested and approved.*
[2] *The ribbon should be roughly the same width as the label in order to avoid folding.*

*With innovative technology for better climate protection*
*Energy saving – Environmentally friendly*

| Label printer | | A6+ | |
|---|---|---|---|
| **Operation panel** | Buttons / LED display | Pause, Feed, Cancel, Menu, Enter, 4 x Cursor | |
| | LCD graphic display | Width 60 mm, height 40 mm, text 4 lines, ca. 20 characters per line | |
| **Settings** | | Time, date, digital or analog clock<br>25 language settings<br>System settings, print parameters, interfaces, security | |
| **Monitoring** | Stop printing if: | End of ribbon<br>End of labels<br>Printhead open | |
| | On the display | Data reception        Used memory<br>Clock        Input buffer<br>WLAN field intensity        Temperature of printhead<br>Date sheet        Remaining quantity of ribbon<br>Ethernet status        Access to memory card<br>abc Debug | |
| **Test routines** | System diagnosis | When switched on, incl. printhead testing | |
| | Short status, status print | Font list, device list, WLAN status, label profile, test grid, monitor mode, PPP status | |
| | Status reports | Extensive status printout with information about settings, e.g. print length counter, runtime counter, etc.<br>Request of machine status via software commands. Detailed status messages on the display, e.g. network error – no link, barcode error, etc. | |
| **Fonts** | Font types | 5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts. Thai and Chinese (simplified Chinese) available as options. | |
| | Character sets | Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, KOI8-R. All West and East European Latin, Cyrillic, Greek, Hebrew and Arabic characters are supported. Thai and Chinese available as options. | |
| | Bitmap fonts | Size of width and height 1 – 3 mm<br>Zoom 2 – 10<br>Orientation 0°, 90°, 180°, 270° | |
| | Vector / TrueType fonts | Size of width and height 0.9 – 128 mm<br>Variable zoom,<br>Orientation 360° in steps of 1° | |
| | Font formats | Bold, italic, underlined, outline, negative, gray, vertical, depending on character fonts | |
| | Font width | Variable | |
| **Graphics** | Graphic elements | Line, arrow, box, circle, ellipse, filled and filled with fading | |
| | Graphic formats | PCX, IMG, BMP, TIF, MAC, GIF, PNG | |
| **Barcodes** | Linear barcodes | Code 39, Code 93       Interleaved 2 / 5<br>Code 39 Full ASCII       Ident- and lead code of Deutsche Post AG<br>Code 128 A, B, C       Codabar<br>EAN 8, 13       JAN 8, 13<br>EAN / UCC 128       MSI<br>EAN / UPC Appendix 2       Plessey<br>EAN / UPC Appendix 5       Postnet<br>FIM       RSS 14<br>HIBC       UPC A, E, E0 | |
| | 2D codes | Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar | |
| | | All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and start/stop code, depending on code type. | |
| **Software** | Programming | J-Script direct programming | ■ |
| | | abc – Basic Compiler | ■ |
| | | Database Connector | □ |
| | System diagnosis / administration | Printer monitoring | ■ |
| | | Network Manager | □ |
| | Label software | cablabel R2+ | ■ |
| | | Codesoft, NiceLabel, Easylabel | ○□ |
| | | Bartender, Label Matrix, Labelview | ○ |
| | Windows driver certified | 32 / 64 bit for<br>Windows 2000       Server 2003<br>Windows XP       Server 2008<br>Windows Vista       Server 2008 R2<br>Windows 7 | ■ |
| | Mac driver | OS X printer driver from version 10.4 | ■ |
| | Linux driver | Tested with Suse 9.0, CUPS-based | ■ |
| | Stand-alone operation | | ■ |

*For current data, please go to www.cab.de*

# Accessories for basic devices.

### Cutter

The cutter is used to cut paper, pressure sensitive labels, cardboard, textiles, synthetics or heat shrink tubes.

|  | Cutter CU6 |
|---|---|
| Material width up to mm | 180 |
| Weight of material gr/m² / cardboard | 60 – 500 |
| Material thickness mm | 0.05 – 0.8 |
| Cutting length mm | > 5 |
| Gap height up to mm | 2.5 |
| Cuts/min | 110 |
| Stop print job if | Final position not reached |

### Rewind guide plate for internal rewinding

The dispensing printer takes care of internal rewinding. The peel-off plate is replaced by the rewind guide plate (for devices A2+ and A4+).

### ER1/2/3 external rewinder for direct printer connection

The rewinder is screwed directly onto the printer. Labels can be wound either inside or outside. Electronic control of the swing arm ensures smooth and tight winding.

### ER4/6/8 external rewinder with built-in power supply

The rewinder can be attached to almost any third-party printer. All other technical data is the same as for the rewinder ER1/2/3.

### EU4/6/8 external unwinder

It enables smooth label feed for heavy rolls. The unwinder works both with inside and outside wound labels.

### Tester for linear barcodes

The built-in scanner tests horizontally printed barcodes directly after printing. If the barcode cannot be read, the printing process can be stopped at once so the faulty labels can be removed. It is primarily intended for use with the ER4 – ER8 external rewinder or in dispensing mode.

*All examples for accessories are pictured with the thermal label printer A4+.*

*Hand or foot switch for printing on demand (see page 9).*

| | External rewinder | | External unwinder |
|---|---|---|---|
| | ER2 / 210 | ER6 / 300 | EU6 / 300 |
| Material width up to mm | 180 | 180 | 180 |
| Roll Ø max. mm | 205 | 300 | 300 |
| Core Ø mm | 40 / 76 | 40 / 76 | 40 / 76 |
| Operating voltage | From label printer | 100 – 240 V ~ 50 / 60 Hz | – |
| Label winding | Outside or inside | | |

# Accessories for dispensing devices.

**1  Present sensor or pause adapter**

An additional present sensor or peel-off adapter is needed to dispense labels. cab offers devices for both manual and automatic operation.

**Extended peelbar**

(only for PS5 present adapter).
If labels are difficult to remove from the liner, a peel-off plate with rewind guide plate, extended by 10 mm, is used.

**PS8 present sensor for manual operation**

The sensor detects that the label is in dispensing position and pauses the print process. Once the label has been removed manually, the next one is printed automatically.

**PS5 present adapter for automatic operation**

Printing and dispensing of the label is triggered by an external signal. The label is removed by a robot or an applicator.

Inputs:    Start, label removed, external error
Outputs: No print job, printer not ready, print started, label in dispensing position.

**PS6 present sensor**
**for manual or automatic operation**

1. As with PS8, once the label has been removed, the next one is printed automatically.
2. Dispensing on demand with hand or foot switch or an external signal (as with PS5).

**PS9 extended present sensor**
**for manual operation**

For dispensing labels whose front edge is not detected by the PS8 present sensor. The extension can be customized

**PS7 pause adapter for basic**
**and dispensing devices**

The print job is stopped by the pause signal.
The label being printed is finished first, e. g. by using a label loop.

Inputs:    Pause, external error
Outputs: No print job,
               printer not ready,
               print job active

**Printing and dispensing on demand**

A hand or foot switch can be connected to the PS6 present sensor to start print jobs.

**Hand switch**

Starts printing and dispensing.

**Foot switch**

Starts printing and dispensing.

**Sub D plug**

for PS5, PS6 and PS7
To connect external control signals for automatic operation. Sub D plug 15-pin with screw clamps.

**External panel**

If the panel is no longer accessible, e. g. after installation within a facility, an external panel can be installed. There are additional slots for a CF memory card Type I and a USB master interface.

# Applicator A1000.

### Real-time application

In conjunction with the A2[+], A4[+] and A6[+] printers, the A1000 applicator represents a cost-effective solution for both semi-automatic operation and for integration into automated production lines.

**1**    **Long service life**

The ball-bearing guide bars are low-wearing.

**2**    **Variable product heights**

The lift cylinder allows labeling at different heights. It is available in different stroke lengths.

**3**    **Easy adjustment**

The tamp pad can be adjusted in alignment with the peel-off plate using four screws. Processing control is optimized during testing using the operation panel.

**4**    **Pre-dispense button**

Tests the labeling function. Pushing the button the first time causes the label to be printed and held by the pad. Pushing the button again starts the application.

**5**    **Compressed air regulation unit**

The microfilters prevent contamination and the compressed air regulator ensures the labeling quality.

**6**    **High process reliability**

The supporting air jet stream, induction air and lifting speed can be adjusted. The pressure can be reduced to less than 1 kg for highly sensitive products and packaging. To avoid contamination of the vacuum holes, they are cleaned with air pressure after each application.

**7**    **Real-time application**

Labels with a height of 25 – 200 mm and a width of 25 – 176 mm can be dispensed.
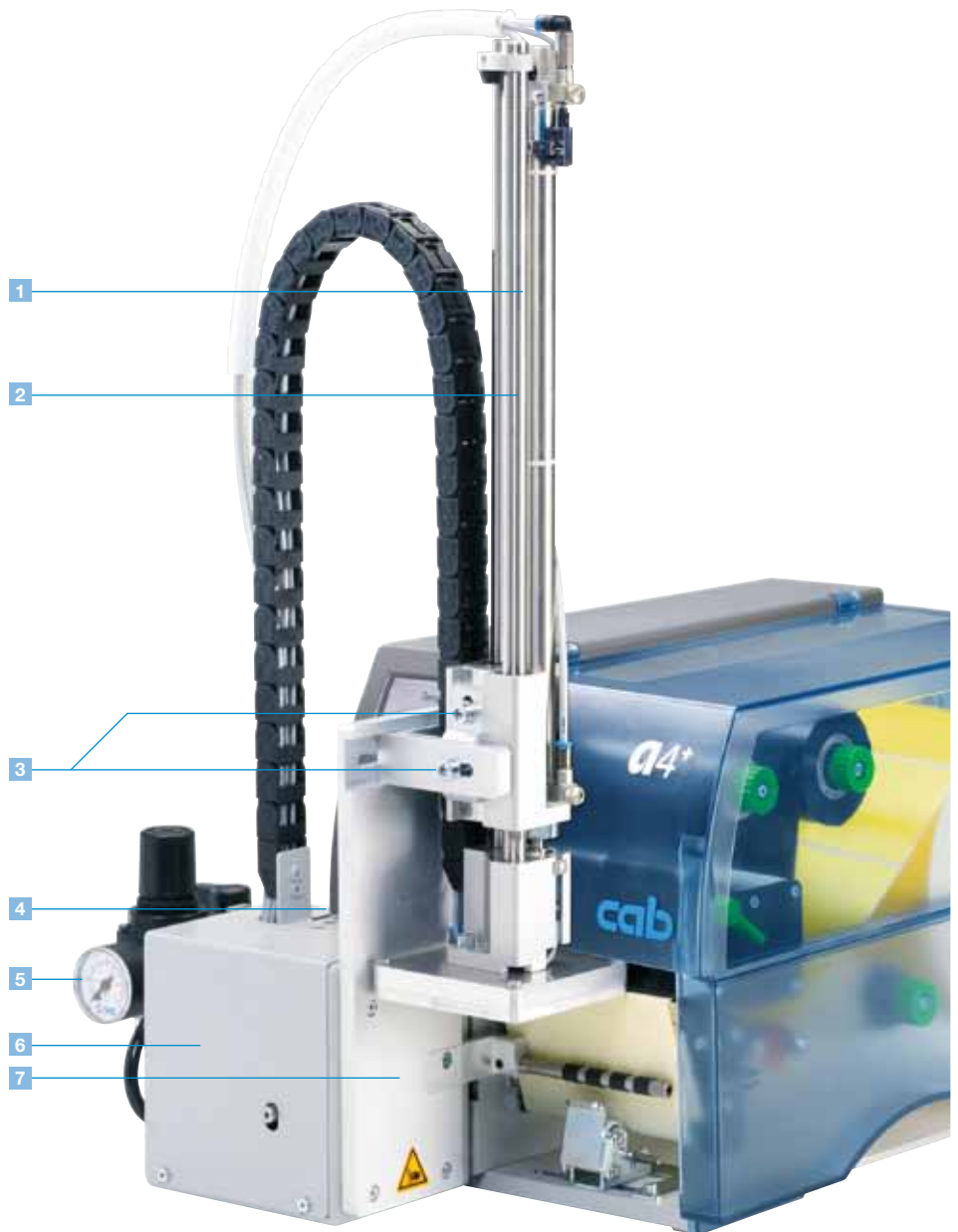
| Label transfer | Tamp | Roll-on | Blow |
|---|---|---|---|
| Label width mm | 25 – 176 | 25 – 176 | 25 – 176 |
| Label height mm | 25 – 200 | 80 – 200 | 25 – 100 |
| Cylinder stroke mm | 220 / 300 | | |
| Tamp stroke below the device mm | 70 / 150 | | |
| Compressed air bar | 4 – 5 | | |
| Product surface | Flat | | |
| Product height variable | ■ | ■ | – |
|      fixed | – | – | ■ |
| Product in rest | ■ | – | ■ |
|      in motion | – | ■ | ■ |

# Accessories for applicators.

### Tamp pad

The product remains fixed in place during application. The vacuum holes of the universal tamp pads are covered by a foil that is pierced according to the label size. The tamp pads are adjusted to the external dimensions of the labels.



### Blow pad

The label can be blown on for pressure-sensitive products. The labels can be applied to either a fixed or moving product. The product to be printed is positioned approximately 10 mm below the blow pad.



### Roll-on pad

The label is moved under the roll during application. The pad moves onto the product and the label is rolled on during transportation.
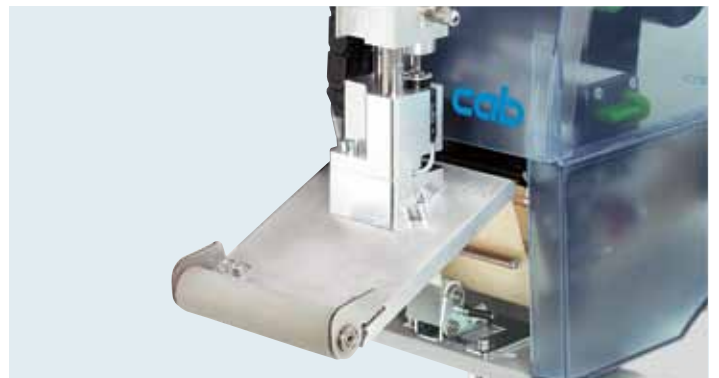


### Digital I/O interface at the applicator

The master (e. g. PLC) starts or stops the labeling process. Status and error messages are issued at the same time.

### Input / output

› Start
› Stop
› Print first label

› Printer not ready
› No print job
› Combined alarm

› Basic position reached
› Labeling position reached
› Labeling error

### Printing and dispensing on demand

A hand or foot switch or a product sensor can be attached at the applicator's digital I/O interface to start print jobs.

**Hand switch**
Starts printing and dispensing.

**Foot switch**
Starts printing and dispensing.

**Product sensor**
For automatic product detection on the conveyor belt.

### Sub D plug

To connect external control signals at the applicator. Sub D plug 15-pin with screw clamps.

### External operation panel

If the external panel is no longer accessible, e. g. after installation within a facility, an external panel can be installed. There are additional slots for a CF Type I memory card and a USB master interface.

# Accessories for applicators.

**1   Base frame**

The base frame is customized according to the width and height requirements. The labeling system is fixed in place with two pins. The exact position can be adjusted on the crossbar.



**2   Stand**

The stand enables the printer to be integrated quickly and flexibly into any manufacturing line. The height and width of the labeling position can be adjusted with ease. Four guide rollers on the chassis ensure mobility. The stand is adjusted at the place of installation using adjustable feet.



**3   Printer holder**



| Stand | |
|---|---|
| Total height mm | 1,600 |
| Height of appliance mm | 1,400 |
| Projection until middle of label mm | 230 – 500 |
| Chassis<br>Width x Depth x Height mm | 600 x 860 x 140 |

*Printer holder for A4+ and A6+, A2+ on request*

# Delivery program label printer.

| | Part no. | Hardware | dpi |
|---|---|---|---|
| | **5954587**<br>**5954588** | Label printer A6$^+$<br>Label printer A6$^+$ | 200<br>200P |
| | **5954513**<br>**5954514** | Label printer A6$^+$<br>Label printer A6$^+$ | 300<br>300P |
| | **59545xx.101** | Printer with metal cover<br>for A6$^+$ | |
| | **595xxxx** | Label printer for<br>thermal direct printing<br>on request | |

| | Scope of delivery: |
|---|---|
| | Label printer,<br>Power cable Type E+F, length 1.8 m<br>Connecting cable USB, length 1.8 m<br>Operation manual de/en |
| **DVD:** | Operating manual in 21 languages,<br>Configuration manual de/en/fr,<br>Service manual de/en,<br>Spare part list de/en,<br>Programming manual en,<br>Windows printer driver 32/64 bit in 19 languages for<br>  Windows 2000      Server 2003<br>  Windows XP         Server 2008<br>  Windows Vista      Server 2008 R2<br>  Windows 7<br>MAC OS X driver de/en/fr,<br>Linux driver de/en/fr,<br>Label software cablabel R2$^+$ in 24 languages,<br>Database Connector en |

| | Part no. | Consumables |
|---|---|---|
| | **5954217.001**<br>**5954106.001** | Printhead 6 / 200<br>Printhead 6 / 300 |
| | **5954245.001**<br>**5954246.001** | Print roller DR6<br>Rewind assist roller RR6 |

| | Part no. | Accessories |
|---|---|---|
| | **5954013.001** | Metal cover for A6$^+$ |
| | **5948001** | Cutter CU6 |
| | **5959622** | Adapter 100 |
| | **5946414.001** | Tear-off plate TP6 |
| | **5570825** | Barcode tester hl40-6 |
| | **5943251** | External rewinder ER2 / 210 |
| | **5946420** | External rewinder ER6 / 300 |
| | **5946421** | External unwinder EU6 / 300 |
| | **5948170** | Connection set for ER / EU |
| | **5946120** | Peel-off adapter PS5<br>automatic operation |
| | **5942353** | Present sensor PS6<br>manual / automatic operation |
| | **5946146** | Pause adapter PS7 |
| | **5946900** | Present sensor PS8<br>manual operation |
| | on request | Present sensor PS9 |
| | **5948830** | Extended operation panel |

# Delivery program for accessories.

| | Part no. | Accessories |
|---|---|---|
| | **5954380.001** | External operation panel |
| | **5901630** | Compact keyboard USB<br>Cherry G84-4100 |
| | **5561043** | Memory card<br>CompactFlash Type I |

| | Part no. | Applicators with Accessories |
|---|---|---|
| | **5949001**<br>**5949002**<br>**5949003** | Applicator A 1000-220<br>Applicator A 1000-300<br>Applicator A 1000-400 |
| | **5949072** | Universal tamp pad<br>A1021  70 x 60 |
| | **5949075** | Universal tamp pad<br>A1021  90 x 90 |
| | **5xxxxxx** | Tamp pad<br>A1021  B x H |
| | **5949076** | Universal tamp pad<br>A1321  116 x 102 |
| | **5949077** | Universal tamp pad<br>A1321  116 x 152 |
| | **5xxxxxx** | Tamp pad<br>A1321  B x H |
| | **5xxxxxx** | Blow pad<br>A2021  B x H |
| | **5xxxxxx** | Roll-on pad |

| | Part no. | Accessories applicators |
|---|---|---|
| | **5533240** | Testbox 2<br>Automatic operation |
| | **5942345** | Present trigger TR1 |
| | **5535901** | Foot switch |
| | **5941526** | Photo cell to start |

| | Part no. | Accessories applicators |
|---|---|---|
| | **5917652** | Interface connector<br>SUB-D-plug 15 pole<br>Phoenix Contact 2761606 |
| | **5949093**<br>**5xxxxxx** | Base frame  340 x 160<br>Base frame  B x H |
| | **5947400** | Stand 1600 |
| | **8913693** | Printer holder |

| | Part no. | Interfaces |
|---|---|---|
| | **5954200**<br>**5954201** | Centronics interface<br>RS422 / RS485 interface |
| | **5954191** | Label selection – I/O-Box |
| | **5561041** | WLAN-card 802.11 b/g |

| | Part no. | Connecting cable |
|---|---|---|
| | **5550818** | Cable RS232 C<br>9/9-pin, length 3 m |
| | **5918008** | Patch cable KAT 5e, 3 m gray |

| | Part no. | Software |
|---|---|---|
| | **DL 40100** | Database Connector license |
| | **5580215** | Administration Network Manager |
| | In scope of delivery | Label software cablabel R2$^+$ |
| | on request | Codesoft, Nice Label, Easylabel |
| | **9008486** | Programming manual English,<br>printed copy |

# The cab delivery program.

EOS 1/4 label printer

MACH4 label printer

A$^+$ series label printers

XD4 label printer

XC series label printer

Hermes$^+$ Print and Apply

PX series print module

FL series laser marking systems

Laser safety housing
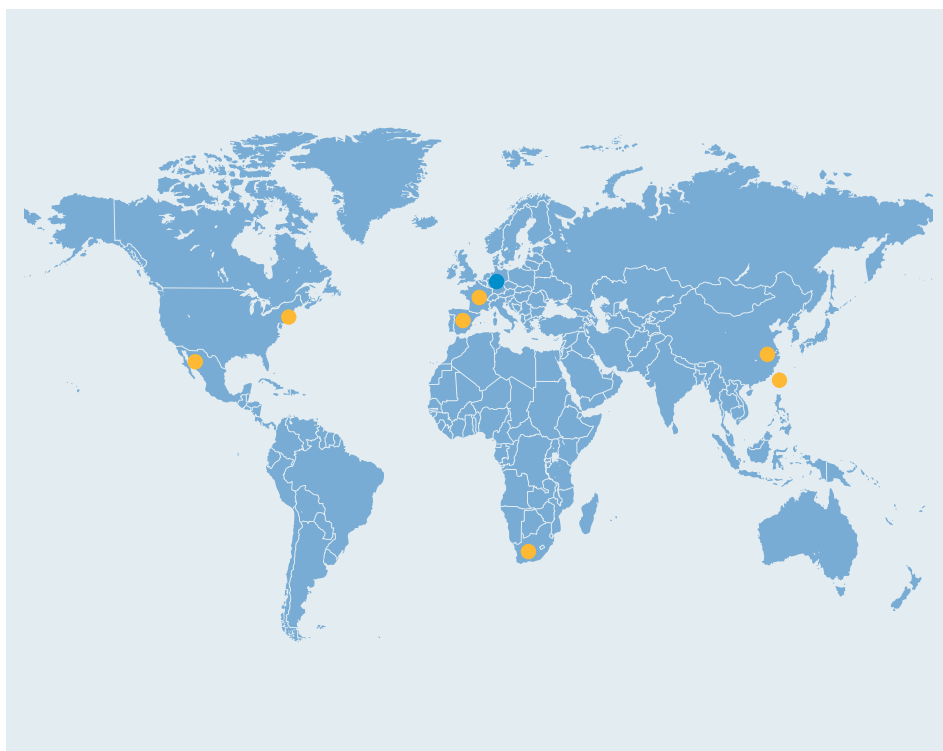
Label software

VS 120 label dispenser

Labels / ribbons

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- cab subsidiaries
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