

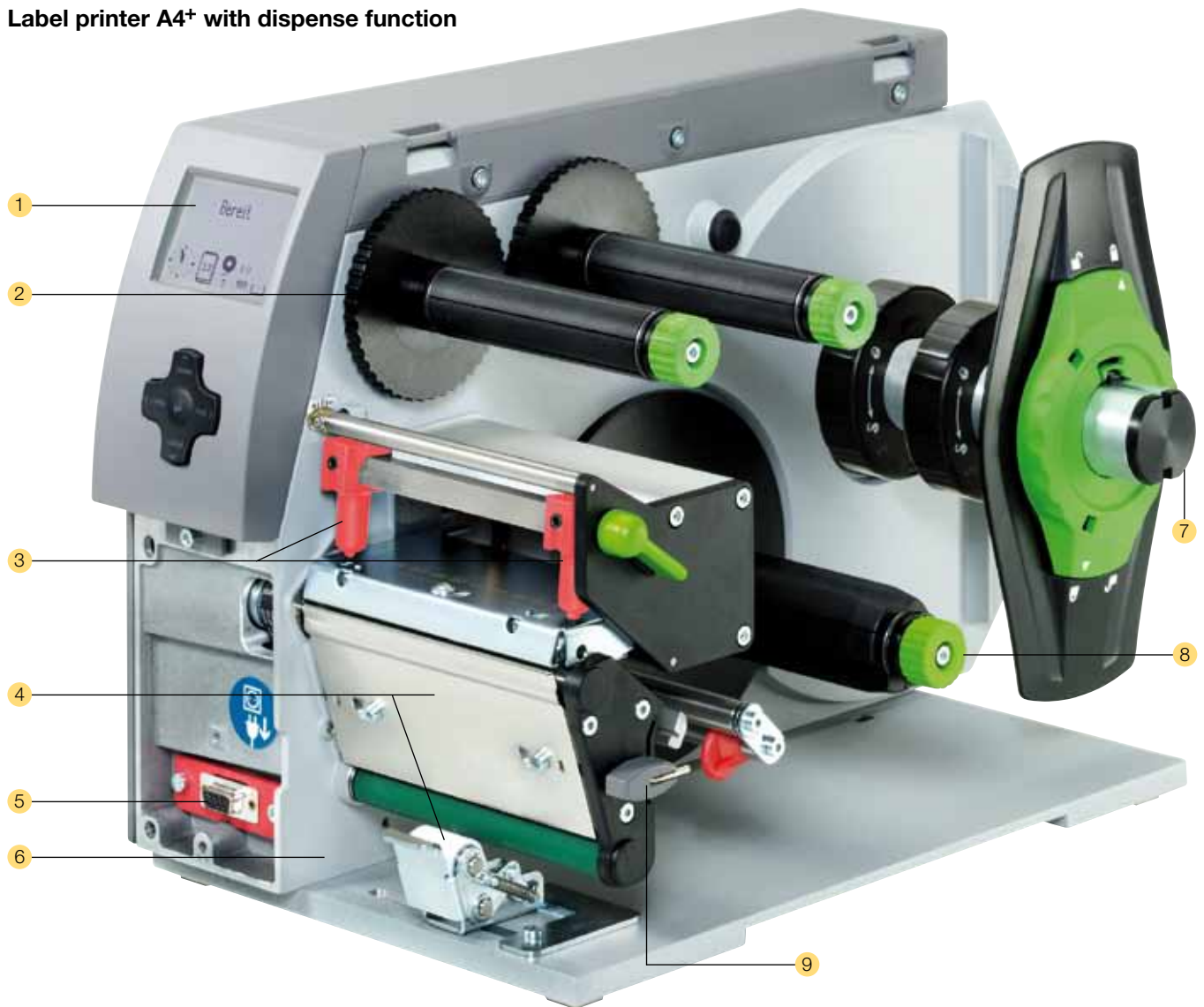


Label printer

a4+ The all-rounder.

Precise printing: elaborate – made easy

Label printer A4+ with dispense function



1 Big graphic display

White backlight guarantees optimal legibility.

2 Ribbon retainer

The threepart tightening axles allow a fast and easy ribbon exchange.

3 Easy adjustment

The print head 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 via peel-off-plate. A high printing and applying accuracy can be achieved with the additionally powered rewind assistant roller and the pinch roller.

5 Peripheral connection

Add-on modules like cutter, external rewinder, present sensor, peel-off adapter and applicators can be easily connected via USB peripheral interface. All peripheral devices are put onto the printer with two gudgeons and fixed with a bolt.

6 Solid, buckling resistant metal chassis

It is made of dye-cast aluminium. All devices are assembled to it.

7 Roll holder

Applicable for core diameters as of 38 mm. (we include adapters for core diameters from 76 mm for a better winding of the labels). The spring mounted margin stop ensures constant tension while

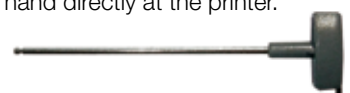
feeding and therefore a highly precise imprint.

8 Internal rewinder

The threepart tightening axles allow the easy rewinding and removing of labels or backing paper with or without paper core.

9 Only one tool for all maintenance tasks

The Allen key is located ready to hand directly 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-Wifi-card.
- 5 Two USB-Master-interfaces to connect an external operation panel, keyboard, scanner or Service Key.
- 6 Slot for memory card CompactFlash Type I.

Options



Centronics interface bi-directional acc. IEEE 1284. Interface RS422/RS485 1.200 bis 230.400 Baud/8 Bit.

The interfaces are plugged onto the PC. Connection to the printer via mini USB connection cable.



Label selection box – I/O box.

Up to 16 different labels can be loaded via SPS from a memory card. Operation of four in-/outputs via Basic Interpreter.



cab WLAN card 802.11 b/g.

Accessories for the 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



Standard keyboard

Connection: USB
 Number of keys: 115
 L x W mm: 460 x 192
 Cherry G83-6105

The functions of the devices and conformity to CE-standards are only warranted by using the accessories made by cab or recommended by cab.

Stand-alone operation

Printing with a cab printer without PC.

The layout of the labels is created either with the label software or direct programming via text editor directly on the PC. Label formats, fonts and graphic data, serial data and data base contents are saved or imported on the CF memory card or the internal IFFS printer memory.

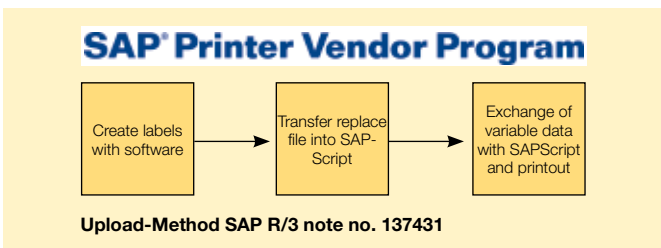
Only variable data is sent to the printer via keyboard or host computer before being printed out. Data of a barcode scanner or a scale can be additionally received by the printer.



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)

Direct programming with J-Script

The printer language is easy to understand and integrate into your host system. Linkage of variable data with host application. Label design, graphics and fonts are recorded on the compact flash card. The host computer sends only the variable data to the printer.



Integration into SAP R/3

In collaboration with SAP cab developed the so-called "Replace method" in order to control the cab printers with SAPScript from SAP/R3.

As a Silver Level-partner in SAP's Printer Vendor Program cab has access to the SAP development area for optimal printer support in a SAP environment.

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

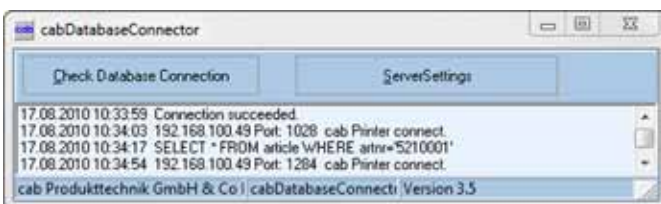
```

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$="00001" then
  print "A 1"
endif
goto start
  
```

abc - Basic Compiler

As an integrated element of the firmware it enables the printer to process data via BASIC programming before being transmitted to print editing. Thereby external printer languages can be replaced or data from other systems, e.g. SPS or a scale, can be transferred to be printed on different label sizes.

Example of use:
Connection to a scale



Database Connector

In the stand-alone mode with additional network connection the Database Connector enables stand-alone printers to link up data from a SQL-compatible database and to print. Data can be rewritten and modified simultaneously with the printing process.



Printer monitoring with Intra- and Internet

The integrated HTTP- and FTP-Server enables, with standard programs like web browser or FTP-clients, the print monitoring, configuration, the firmware-update and the administration of the memory card. Status signals, warning or error signals are sent to users or administrators either as email or SNMP-datagram via SNMP- and SMTP-clients. Synchronization of time and date with a time server.

cab Network Manager

Gerät Werkzeuge Einstellungen Hilfe

Gerät	Name	Gruppe	Typ	Adresse	Status	PIN
Development	Support Text Printer	Support	cab-Mach4C005	192.168.100.48	Ready	000
Development	Support Text Printer	Support	cab-Mach4C005	192.168.100.55	off	000
Development	Hi Res Printer	Support	cab-44+000	192.168.100.58	off	000
Development		Development	A3/300	192.168.100.65	off	000

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, datasynchronization and PIN-administration centrally.



WHQL-accredited Windows printer driver for

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

Our printer drivers are officially accredited and signed by Microsoft. They offer highest stability on your Windows operating system. The programs Word, Excel, Access, Corel Draw etc. permit the design and printing of labels.



Apple-Mac OS X® driver*

Alternatively cab offers a CUPS-based printer driver for MAC OS.

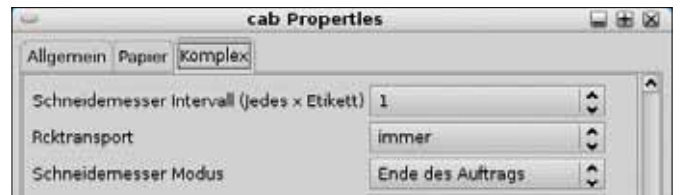


Linux driver*

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

*not for XD4M

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 for free, specially designed for cab printers and print & apply systems.

The ideal design of a label is realizable by using different fonts, barcodes and graphics in variable heights, widths and printing directions.

The cab printers offer, besides the loadable MS Windows-available TrueType Fonts, a large number of internal bitmap and vector fonts. Due to the support of the most commonly used codepages country-specific special characters are also printable.

Highly productive functions permit the design and printing of complex labels within 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 display of the data stream into a data file. The MDI-technology permits the synchronous tensioning of several labels and the switching of different objects.



Cablabel R2+ is available in 24 different languages for the following operating systems:

- Windows XP
- Windows Vista
- Windows 7
- Windows Server 2003*
- Windows Server 2008*

*Terminalserver / Citrix are not supported.

Additional label software...

...such as Codesoft, Nicelabel, Easylabel, Bartender, Label Matrix or Labelview support cab's transfer printers and print & apply systems.

More information is available on our homepage.

Technical data label printer 6

1. Printhead		A4+		
Print method	Thermal transfer	■	■	■
	Thermal direct	■	■	–
Print resolution dpi		203	300	600
Print speed up to	mm/s	250	250	100
Print width mm		104	105.6	105.6
2. Material				
Labels, continuous rolls or fan-folded		Paper, cardboard, textiles, synthetics like PET, PE, PP, PVC, PU, Acrylat, PI		
Material thickness mm / weight g/m ²		0.05 - 0.8 / 60 - 300		
Width	Label ¹⁾ mm	20 - 116		
	Liner or of continuous material mm	25 - 120		
	Shrinkable tubing mm	25 - 110		
Label height ¹⁾	with back feed from mm	4		
	when dispensing ¹⁾ from mm	12		
	up to mm	5000	4000	1000
Media roll:	Total diameter up to mm	205		
	Core diameter mm	38 - 100		
	Winding direction	outside or inside		
3. 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	114		
4. Internal rewinder (only peel-off version)				
Total diameter up to	bis mm	142		
Core diameter	mm	38,1		
Winding direction		only outside		
5. Dimensions of the printer				
Height x Depth	mm	274 x 446		
Width	mm	242		
Weight	kg	9		
6. Label sensor				
See-through 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		
7. Electronics				
Processor high speed 32 Bit ColdFire/Clock rate MHz		266		
(RAM) MB		64		
Memory IFFS MB Flash		8		
Slot for memory CompactFlash-card Type I		■		
Slot for Wireless LAN-card		■		
Battery cache for		Real-time clock, printout of time and date Storage of data with shut-down		
Warning signal		Acoustic signal when error		
8. Interfaces				
Centronics bi-directional acc. 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 802.11b/g WEP/WPA PSK (TKIP)		□		
2 x USB Master for		external operation panel, keyboard, scanner, service key		
9. Operation data				
Power supply		100 - 240 V ~ 50/60 Hz, PFC		
Power consumption		max. 300 W		
Temperature / Humidity		10 - 35°C / 30 - 85% not condensing		
Approvals		CE, FCC class A, CB, CCC, UL		

¹⁾ Depending on label size, material and adhesive limitations are possible. Critical material or applications have to be tested and cleared.

²⁾ The ribbon should be in accordance with the width of the label material to avoid ribbon wrinkling.

10. Operation panel	
Buttons/LED display	Pause, Feed, Cancel, Menue, Enter, 4 x Cursor
LCD graphic display	Text 4 lines, ca. 20 characters per line
Width x Height mm	60 x 40
11. Settings	
	digital or analog clock time system settings date print parameters interfaces 25 language settings security
12. Monitoring	
Stop printing if	End of ribbon End of labels Printhead open
On the display	Data reception Clock WLAN field intensity Date sheet Ethernet state abc Debug Used memory Input buffer Temperature printhead Access to memory card Remaining quantity of ribbon
13. Test routines	
System diagnosis	When switched on with testing of printhead
Short Status, Status print	font list, device list, WLAN state, profile of label, test grid, monitor mode, PPP state
Status reports	Extensive status print with information about setting, e.g. print length counter, runtime counter etc. Request of machine state via software command. Detailed status messages on the display, e.g. network error-no link, barcode error etc.
14. 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. Optional Chinese (simplified Chinese) Optional Thai
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBCDIC 500, ISO 8859-1 up 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. Optional Thai and Chinese
Bitmap-Fonts	Size of width and height 1 - 3 mm zoom 2-10. Orientation 0°, 90°, 180°, 270°
Vector-/TrueType fonts	Size of width and height 0.9 - 128 mm variable zoom, Orientation 360° in steps of 1°
Font formats	Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts
Font width	Variable

15. Graphics	
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG
16. Barcodes	
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC Interleaved 2/5 Ident- and leader code of Deutsche Post AG JAN 8, 13 MSI Plessey Postnet RSS 14 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.
17. Software	
Programming	J-Script direct programming <input checked="" type="checkbox"/> abc-Basic Compiler <input checked="" type="checkbox"/> Database Connector <input type="checkbox"/>
System diagnosis/ Administration	printer monitoring <input checked="" type="checkbox"/> Network Manager <input type="checkbox"/>
Label software	cablabel R2+ <input checked="" type="checkbox"/> Codesoft, Nicelabel, Easylabel <input type="checkbox"/> Bartender, Label Matrix, Labelview <input type="checkbox"/>
Windows driver certified	32/64 bit for Windows 2000 Server 2003 Windows XP Server 2008 <input checked="" type="checkbox"/> Windows Vista Server 2008 R2 Windows 7
Mac driver*	OS X printer driver from version 10.4 <input checked="" type="checkbox"/>
Linux driver*	Testet with Suse 9.0, CUPS based <input checked="" type="checkbox"/>
Stand-alone operation	<input checked="" type="checkbox"/>
*not for XD4M Standard <input checked="" type="checkbox"/> Option <input type="checkbox"/> Authorized distribution by resellers. <input type="checkbox"/>	



Innovative technology for better climate protection.
Energy-saving.
Environmentally conscious.

The specifications are according to our current technical knowledge. They are subject to change.

Please recall current data from www.cab.de

Cut. Perforate. Stack.



Cutter

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

Perforation cutter and cutter

The perforation cutter also permits the perforation of the material in order to separate it manually.

Cutter tray

The cutter tray can pile up up to 50 labels.



Stacker with cutter

The printed materials are cut and piled up with the stacker. The print job stops when the height of the pile is reached.

There might be restrictions at the use of stiff or curved materials. We recommend the testing of such materials at cab.

Adapter 100 mm Ø



To keep the bending of the material during piling as small as possible cab recommends a broad core diameter.

Storage table label width x height



The storage table and the protective cover are adjusted to the label size and have to be ordered separately.

Base frame A4



With the base frame the devices can be arranged on the table in any order.

	Cutter CU4	Perforation cutter and cutter PCU4	Stacker with cutter ST4/L
Material width up to mm	120	120	20 - 110
Weight of material gr/m ² /cardboard	60 - 500	60 - 300	60 - 300
Material thickness mm	0.05 - 0.8	0.05 - 0.8	0.05 - 0,8
Cutting length mm	< 5	< 5	20 - 150
Gap height up to mm	2.5	4.5	1.2
Cuts/min.	120	Cutting 120 / Perforating 150	120
Stop print job if:	Final position not reached	Final position not reached	Final position not reached, cover open, height of pile is reached
	Cutter tray 4 for A4+ and A4+M	Perforating	Piling up reached
	For material width up to mm 120 material height up to mm 100	Web width mm 0.5 Web distances mm 2.5 or 10	Height of pile up to mm 140

Material winding and unwinding / Barcode control

Rewind guide for internal rewinding

The internal rewinding is operated by the dispense printer.
The peel-off-plate is replaced by the rewind guide plate (for devices A2+ and A4+).



External rewinder ER1/2/3 for direct connection of the printer

The rewinder is screwed directly onto the printer.
The label winding is optional inside or outside.
A smooth and tight winding is due to the electronic control of the swing arm.



External rewinder ER4/6/8 with built-in power supply

The rewinder can be attached to almost every other printer.
All other technical data are according to the rewinder ER1/2/3.



External unwinder EU4/6/8

It enables a smooth feeding of labels for heavy rolls.
The unwinder works both with inside and outside wound labels.



Tester for linear barcodes

The built-in scanner tests the barcodes directly after printing.
If the barcode is not readable the printing process can be stopped at once so the faulty labels can be removed.
It is primarily intended to be used with the external rewinder ER4 - ER8 or with dispense mode.

Present trigger or foot switch for printing on demand
description on page 10



	External rewinder			External unwinder
	ER1/210	ER4/210	ER4/300	EU4/300
Material width up to mm	120	120	120	120
Roll Ø max. mm	205	205	300	300
Core Ø mm	40 / 76	40 / 76	40 / 76	40 / 76
Operating voltage	from label printer	100 - 240 V~ 50/60 Hz		-
Label winding		outside or inside		

For dispensing of labels – automatically or on demand



1 Present sensor or pause adapter

Dispensing labels requires an additional present sensor or peel-off adapter. cab offers devices both for manual operation and automatic operation.

Extended present sensor

only for present adapter PS5

If labels are difficult to remove from the liner a peel-off plate with rewind guide plate, extended by 10 mm, is used.



Present sensor PS8 for manual operation

The photo cell detects the label in peel position and pauses the labelling process. After removing the label manually the next one is printed instantly.



Present sensor PS5 for automatic operation

Printing and dispensing of the label is started with an external signal. The removal can be made 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.



Present sensor PS6 for manual or automatic operation

1. As with PS8 after removing the label the next one is printed automatically.
2. Dispensing on demand with present trigger, foot switch or an external signal (according PS5).



Extended present sensor PS9 for manual operation

For dispensing labels where the front edge is not detected by the present sensor PS8. The extension is made on customer-specific.



Pause adapter PS7 for basic and dispense devices

The print job is stopped with the pause signal. The active label is finished, 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

The user can attach a present trigger or foot switch onto the present sensor PS6 to start the print job.



Present trigger

Starts printing and dispensing.



Foot switch

Starts printing and dispensing.



Sub-D plug

for PS5, PS6 and PS7
Connection of the external control signals for automatic operation. Sub D plug 15-pole with screw clamps.



External panel

If the panel is not accessible anymore, e.g. after installation within a facility, it is possible to install an external panel. Additionally there is a slot for a CF memory card Type I and a USB Master interface.

Real-time application

The applicator A1000 represents, in combination with the thermal printers A2+, A4+ and A6+, a moderately-priced solution for both semi-automatic labelling and the integration into automated production lines.

1 Long economic life-time

The ball-bearing guide bars are low-wear.

2 Variable product heights

The lift cylinder allows labelling in different heights. It is available in different stroke-lengths.

3 Easy adjustment

The tamp pad is adjustable to the peel-off plate with four screws. The processing control is optimized during testing with the operation panel.

4 Pre-dispense button

Tests the labelling function. By pushing the button the first time the label is printed and held by the pad. By pushing the button again, the application is started.

5 Air-pressure regulation unit

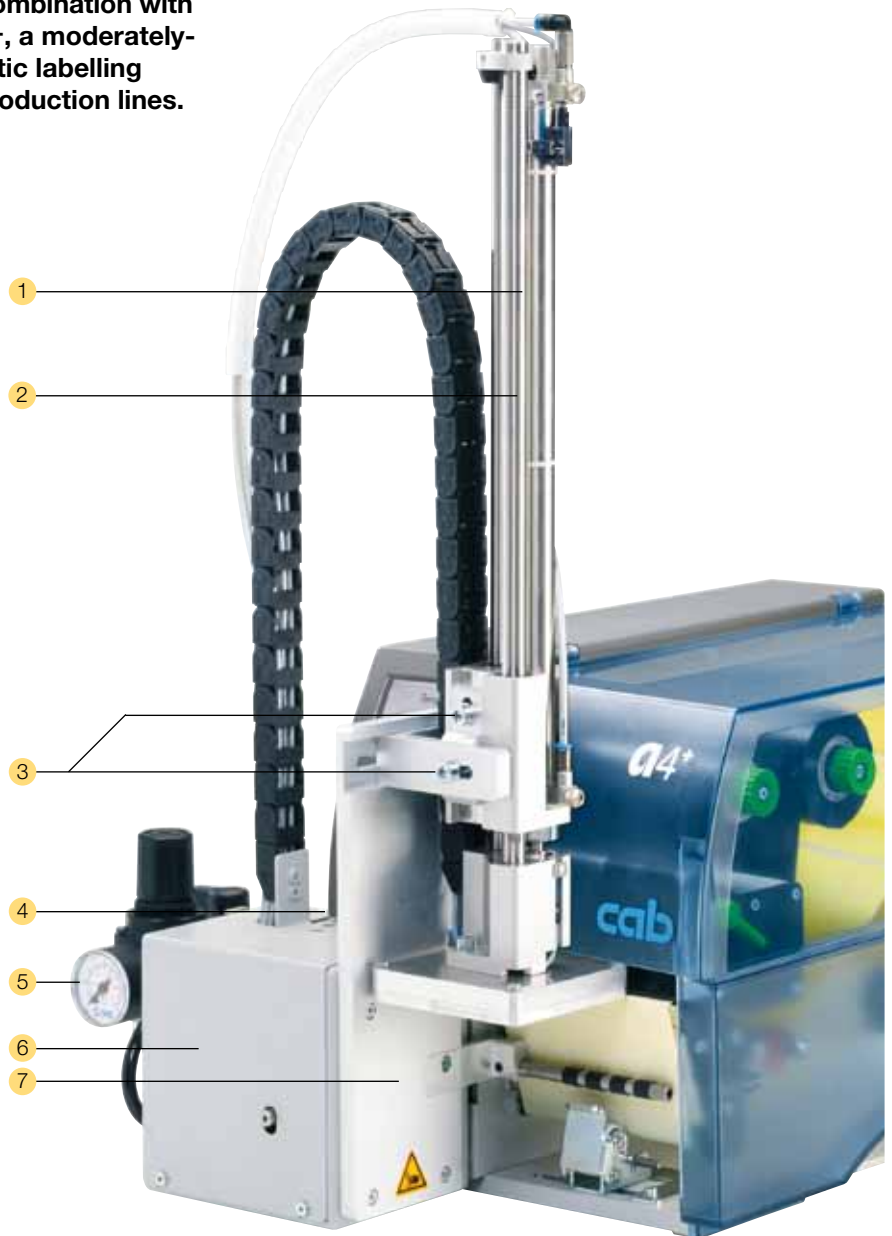
The microfilters prevent contamination and the compressed air regulator ensures the labelling quality.

6 High process reliability

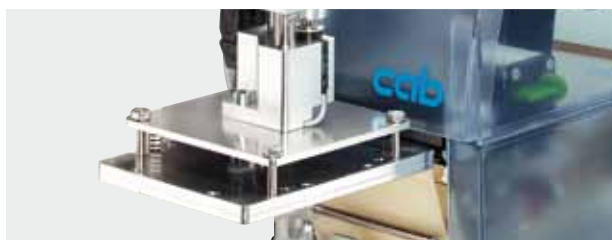
The supporting air jet streaming, the induction air and the lifting speed are adjustable. The pressure can be reduced down to less than 1 kg for highly sensitive products and packaging. To avoid contamination of the vacuum holes they are cleaned with air pressure after each application.

7 Real-time application

Labels with a height of 25-200 mm and a width of 25-176 mm can be applied.



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	-	■	■



Tamp pad

The product remains fixed during application. The vacuum holes of the universal tamp pads are covered by a foil which 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 optionally onto the fixed or moving product. The blow pad moves up to a fixed height approx. 10 mm above the product.



Roll-on pad

The label is moved under the roll of the pad during application. The pad moves onto the product. During transport the label is rolled on.

Digital I/O-Interface at the applicator

The master (e.g. PLC) starts or stops the labelling process.

The 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
- Labelling position reached
- Labelling error

Printing and dispensing on demand

The user can attach a present trigger, a foot switch or a product sensor at the digital interface of the applicator to start the print job.



Present trigger

Starts printing and dispensing.



Foot switch

Starts printing and dispensing.



Product sensor

For automatic product detection on the conveyor belt.



Sub-D plug

Connection of the external control signals at the applicator. Sub D plug 15-pole with screw clamps.



External panel

If the external panel is not accessible anymore, e.g. after installation within a facility, it is possible to install an external panel. Additionally there is a slot for a CF memory card Type I and a USB Master interface.

Base frame



The base frame is customized according to the special requirements regarding width and height. The print and apply system is fixed with two pins. The exact position is adjusted on the crossbar.

Roll-on application for cylindrical products



Application of round products up to 40 mm diameter. The product is pushed onto the rolls. The application is started via present trigger or foot switch.

Demand module for roll-on application



Application of packaging on the conveyor belt. The conveyor speed has to be synchronized to the print speed. Labels with a width up to 116 mm and a length up to 200 mm can be processed. Further technical details on request.

Stand











The stand enables the fast and flexible application of the printer in every manufacturing line. The labelling position is easy to adjust in height and width. Four guide rollers at the chassis provide its mobility. The stand is adjusted at the place of installation with adjustable feet.


















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

Stand	
Total height mm	1.600
Height of appliance mm	1.400
Reach until middle of label mm	230 - 500
Chassis W x D x H mm	600 x 860 x 140

	Part No.	Hardware	dpi							
	5954500	Label printer A4+ /	200							
	5954505	Label printer A4+ /	200P							
	5954501	Label printer A4+ /	300							
	5954506	Label printer A4+ /	300P							
	5954502 5954507	Label printer A4+ / Label printer A4+ /	600 600P							
	59545xx.102 	Printer with RFID Read/Write unit 13,56 MHz								
	59545xx.101	Printer with metal cover for A4+								
	59545xx.103 	Printer with metal cover and RFID Read/Write unit 13,56 MHz for A4+								
	595xxxx	Label printer for thermal direct printing on request								
Content of delivery										
DVD:	Label printer, Power cable Type E+F, length 1.8 m, Connecting cable USB, length 1.8 m, Operation manual de/en									
	Operating manual in 21 languages (only A+-Series), Configuration manual de/en/fr, Service manual de/en, Spare part list de/en, Programming manual en, Windows printer driver 32/64 bit in 19 languages for <table border="0" style="margin-left: 20px;"> <tr> <td>Windows 2000</td> <td>Server 2003</td> </tr> <tr> <td>Windows XP</td> <td>Server 2008</td> </tr> <tr> <td>Windows Vista</td> <td>Server 2008 R2</td> </tr> <tr> <td>Windows 7</td> <td></td> </tr> </table> MAC OS X driver de/en/fr (only A+-Series), Linux driver de/en/fr (only A+-Series), Label software cablabel R2+ in 24 languages, Database Connector en			Windows 2000	Server 2003	Windows XP	Server 2008	Windows Vista	Server 2008 R2	Windows 7
Windows 2000	Server 2003									
Windows XP	Server 2008									
Windows Vista	Server 2008 R2									
Windows 7										
Part No.	Consumables									
	5954081.001	Printhead 4/203								
	5954072.001	Printhead 4/300								
	5954077.001	Printhead 4/600								
	5954180.001	Print roller DR4								
	5954183.001	Rewind assist roller RR4								

	Part No.	Accessories
	5954012.001	Metal cover A4+
	5948000	Cutter CU4
	5946995.001	Cutter tray 4
	5541311	Stacker with cutter ST4/L
	5959622	Adapter 100
	55xxxxx	Storage table ST4/L, label B x H
	5958932	Base frame A4
	5946244.001	Tear-off plate TP4
	5954190.001	Rewind guide plate RG4 for internal rewinding
	5570820	Barcode tester hl40-4
	5948102	External rewinder ER1/210
	5948100	External rewinder ER4/210
	5946090	External rewinder ER4/300
	5946091	External unwinder EU4/300
	5948170	Connection set for ER/EU
	5946120.001	Peel-off apter PS5 automatic operation
	5942353.001	Present sensor PS6 manual/automatic operation
	5946146.001	Pause adapter PS7
	5946900.001	Present sensor PS8 manual operation
	on request	Present sensor PS9
	5948830	Extended operation panel

Part No.	Accessories
 5954380.001	External operation panel
 5901630	Compact keyboard USB, Cherry G84-4100
 5901626	Standard keyboard USB, Cherry G83-6105
 5561043	Memory card CompactFlash Typ I
Part No.	Applicators with accessories
 5949002	Applicator A1000-300
5949072	Universal tamp pad A1021 70 x 60
 5949075	Universal tamp pad A1021 90 x 90
5xxxxxx	Tamp pad A1021 B x H
5949076	Universal tamp pad A1321 116 x 102
 5949077	Universal tamp pad A1321 116 x 152
5xxxxxx	Tamp pad A1321 B x H
 5xxxxxx	Blow pad A2021 B x H
 5xxxxxx	Roll-on pad
 on request	Roll-on application for cylindrical products
 on request	Demand module

Part No.	Accessories applicators
 5533240	Testbox 2 Automatic operation
 5942345	Present trigger TR1
 5535901	Foot switch
 5941526	Photo cell to start
 5917652	Interface connector SUB-D-plug 15 pole Phoenix Contact 2761606
 5949093	Base frame 340x160
5xxxxxx	Base frame B x H
 5947400	Stand1600
 8913693	Printer holder
Part No.	Interfaces
 5954200	Centronics interface
5954201	RS422/RS485 interface
 5954191	Label selection - I/O-Box
 5561041	WLAN-card 802.11 b/g
Part No.	Connecting cable
 5550818	Cable RS232 C 9/9-pin, length 3 m
 5918008	Patch cable KAT 5e, 3 m grey
Part No.	Software
 DL 40100	Database Connector Licence
 5580215	Administration Network Manager
 Content of delivery	Label software cablabel R2+
on request	Codesoft, NiceLabel, Easylabel
9008486	Programming manual English, printed copy

The cab delivery program

Label printer A+ series



Label printer XD4
for double sided printing



Label printer XC6
for two-tone printing



Label printer e4



Label printer MACH4



Labels / Ribbons



Label dispenser HS150



Print and Apply
Hermes+



Print module PX-series



Label software



Laser marking systems
FL-series



Laser safety housing



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