cab
we identify more

XC4

cab

a4+

cab

Label printers A+ and X series

Made in Germany

Contents

All information on scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change.

For current data see website www.cab.de/en/labelprinter.

Or scan this QR code with your smartphone.

Industrial label printers

Professional industrial cab label printers are used in a wide variety of applications. Their development is first and foremost focused on simple and convenient operation coupled with high reliability.

Printing units and housings are made of high-quality materials and are perfectly matched in terms of shape and function. Extensive peripherals and software enable customized solutions – at any time.

Regardless of whether the A+ or X printer series is operated as a stand-alone solution, a PC application or in a network, it is always up to the mark. The high-speed processor ensures both fast job processing and immediate label output.

Sample applications:

PCB labels
If there is only little space available – smallest label size 4x4 mm

Type plates
Pin sharp 600 dpi fonts, graphics and barcodes

Cardboard box and pallet labels
Labels up to standard A4 format

Label printers A⁺ series - overview of types

The sleek one
For small labels with high printing accuracy

1.1	Label printer		A2⁺	
	Printable resolution	dpi	300	600
	Print width	up to mm	54.2	57
	Print speed	up to mm/s	150	100

The all-purpose one
Top-selling industrial device with high printing accuracy. Extensive range of accessories included. The A4.3⁺ model preferably for thermal direct printing.

1.2	Label printer	A4⁺			A4.3⁺	
	Printable resolution dpi	203	300	600	203	300
	Print width up to mm	104	105.6	105.6	104	108.4
	Print speed up to mm/s	250	250	100	200	150

The wide one
Ideal for Odette and UCC labels

1.3	Label printer		A6⁺	
	Printable resolution	dpi	203	300
	Print width	up to mm	168	162.6
	Print speed	up to mm/s	200	200

The extra wide one
For pallet and barrel labels

1.4	Label printer		A8⁺
	Printable resolution	dpi	300
	Print width	up to mm	216
	Print speed	up to mm/s	150

Basic version
For printing on labels and continuous materials. The material is torn off at the jagged tear-off edge. Optionally, it may be cut or rewound externally.
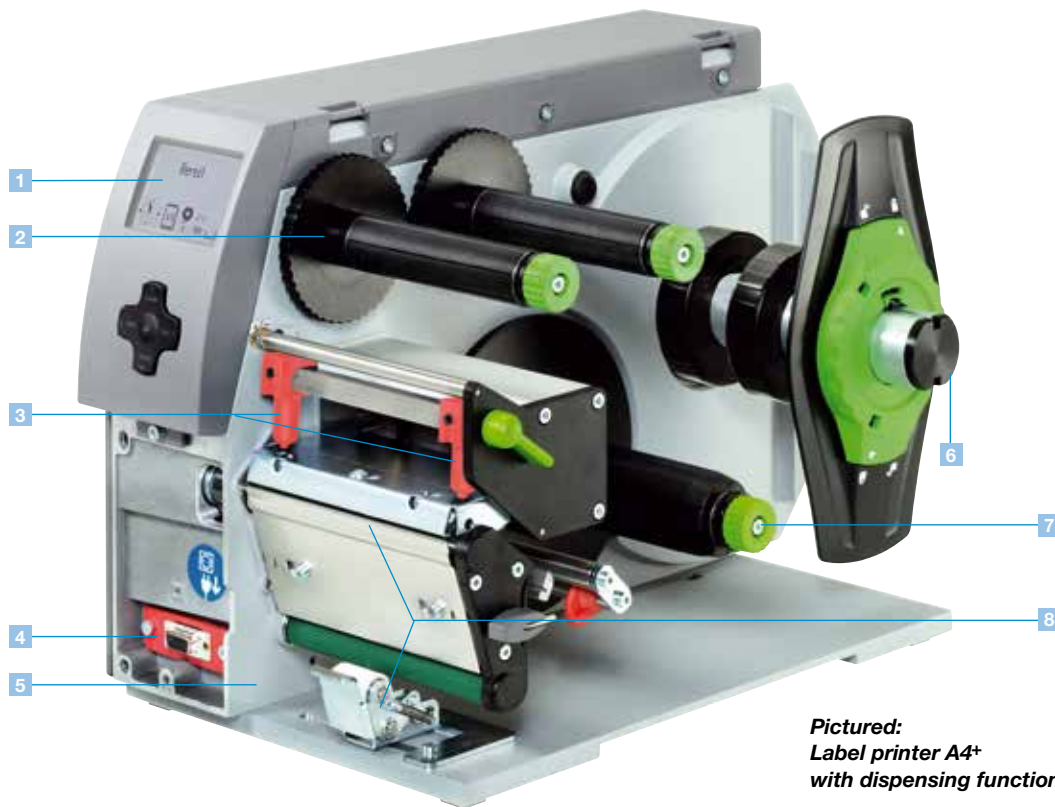
Dispensing version
For printing and dispensing labels. The label is removed from the liner during the printing process. It can be removed manually, by applicator or robot.

Common details

Pictured:
Label printer A4+
with dispensing function

1 Wide graphic display
White backlight for optimum readability.

2 Ribbon holder
Three-part tightening axles enable a quick and easy exchange of ribbons.

3 Simple adjustment
The print head is pressed down by two toggles. One is mounted to the left label margin, the other is pushed to the right label margin.

4 Peripheral connection
All add-on modules are easy to connect. All peripheral devices are plugged in the printer using two pins and are fixed in place with a screw.

5 Solid metal housing
Die-cast aluminum. All components are mounted on it.

6 Roll holder
Available for core diameters starting 38 mm (76 mm adapters for improved label winding are provided). The spring-mounted margin stop ensures constant tension during feeding, thus ensuring high printing accuracy.

7 Internal rewinder
The rewinder with a three-part tightening axle ensures easy rewinding and removing of labels or liners with or without paper core.

8 Peel-off function
The label is removed from its liner via peel-off plate. High printing and dispensing accuracy can be achieved via powered rewind assist and pinch rollers.

Compact cover

The two-part cover made of impact-resistant ABS plastic folds up when opened.

1.11 Metal cover

On request, label printers A4+ and A6+ are available with metal cover (standard with the A8+).

Label printers with centered material positioning

For single-sided printing

As with the "classic" A$^+$ series all materials can be marked. Especially very small and slim labels and continuous material on rolls or reel. No adjustment of the print head for different widths of material. Operation and control are compatible with the A$^+$ series.

1.5	Label printer		A4$^+$M	
	Printable resolution	dpi	300	600
	Print width	up to mm	105.6	105.6
	Print speed	up to mm/s	125	100

For double-sided printing

For simultaneous front and back printing, e.g. continuous materials, cardboard labels and ready-for-use heat shrink tubes. No adjustment of the print head for different widths of material. Operation and control are compatible with the A$^+$ series.

1.6	Label printer		XD4
	Printable resolution	dpi	300
	Print width	up to mm	105.6
	Print speed	up to mm/s	125

Accessories

Cutter
Used to cut paper labels, self-adhesive labels, cardboard, textile or synthetic materials as well as heat shrink tubes.

Perforation cutter
Enables the perforation of the material for later manual separation.

Stacker with cutter
Printed materials are cut and stacked. The print job is stopped as soon as the maximum stack height is reached. Even stiff or curved materials may be processed. We recommend to have your material tested at our facilities.

Print rollers for small and thin materials
Outside the material width the printhead rubs against the print rollers. By using small print rollers feeding errors and wear on print head and print roller due to rubbing are avoided. Three different standard widths are available from stock.

Common details

Pictured:
Label printer A4+M
with centered material positioning
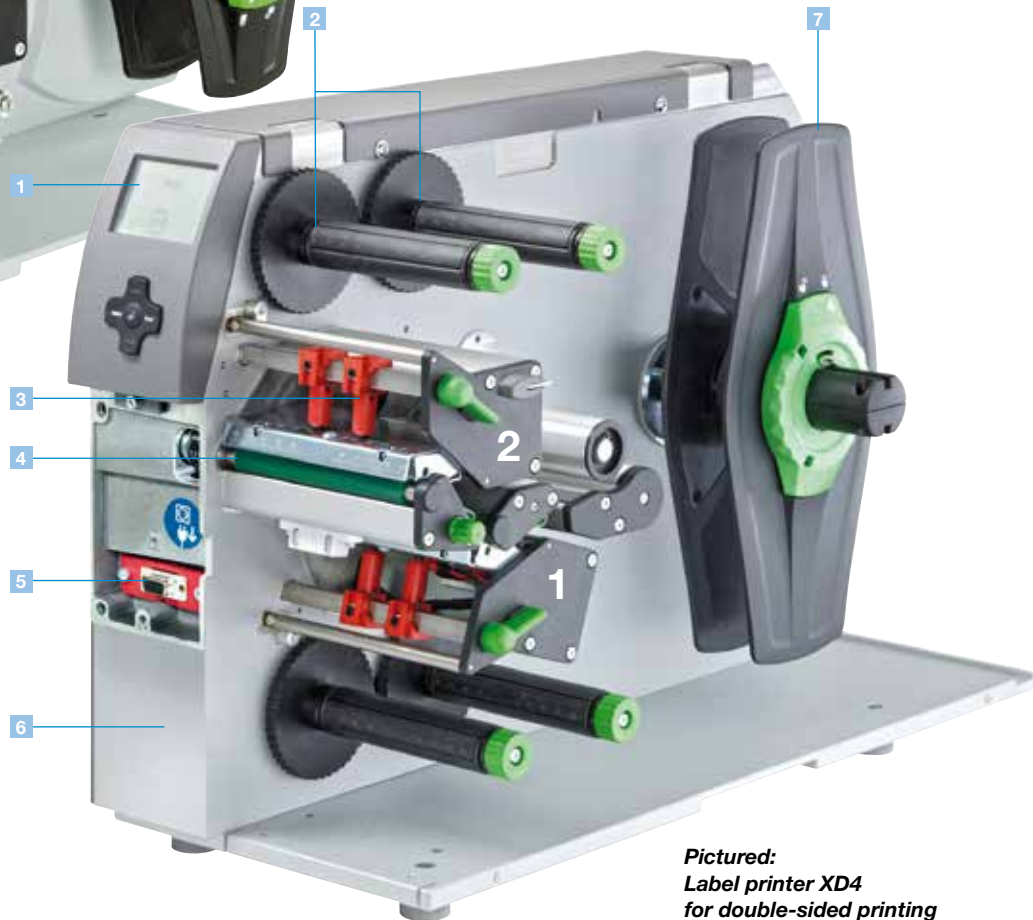
Pictured:
Label printer XD4
for double-sided printing

1 Wide graphic display
White backlight for optimum readability.

2 Ribbon holder
Simple, centered insertion of the ribbon with three-part tightening axles. Imprinted rule simplifies ribbon positioning.

3 No print head adjustment
The print head is pressed down by two toggles. Due to centered material positioning there is no need to do print head adjustments and settings.

4 Material positioning
High printing accuracy as the material is located directly behind the print roller. Width adjustment with a single knob.

5 Peripheral connection
Add-on modules such as cutter, perforation cutter and stacker are easy to connect.

6 Solid metal housing
Die-cast aluminum. All components are mounted on it.

7 Roll holder
Available for core diameters starting 38 mm (76 mm adapters for improved label winding are provided). The material is automatically centered. The spring-mounted margin stop ensures constant tension during feeding, thus ensuring high printing accuracy.

Label printers with centered material positioning and drawing roller

For single-sided printing

Printable materials accordant to A$^+$M. The additional drive roller next to the print head enables the material to be separated from the ribbon and improves printing accuracy. Operation and control are compatible with the A$^+$ series.

1.7	Label printer		A4$^+$T	
	Printable resolution	dpi	300	600
	Print width	up to mm	105.6	105.6
	Print speed	up to mm/s	125	100

For double-sided printing

For simultaneous front and back printing, e.g. continuous materials, cardboard and ready-for-use heat shrink tubes. The additional drive roller next to the print head enables the material to be separated from the ribbon and improves printing accuracy. Operation and control are compatible with the A$^+$ series.

1.8	Label printer		XD4T
	Printable resolution	dpi	300
	Print width	up to mm	105.6
	Print speed	up to mm/s	125

Accessories

Cutter
Used to cut paper labels, self-adhesive labels, cardboard, textile or synthetic materials as well as heat shrink tubes.

Perforation cutter
Enables the perforation of the material for later manual separation.

Stacker with cutter
Printed materials are cut and stacked. The print job is stopped as soon as the maximum stack height is reached. Even stiff or curved materials may be processed. We recommend to have your material tested at our facilities.

Print rollers for small and thin materials
Outside the material width the printhead rubs against the print rollers. By using small print rollers feeding errors and wear on print head and print roller due to rubbing are avoided. Three different standard widths are available from stock.

Common details

Pictured:
Label printer A4⁺T
with centered material positioning

Pictured:
Label printer XD4T
for double-sided printing

1 Wide graphic display
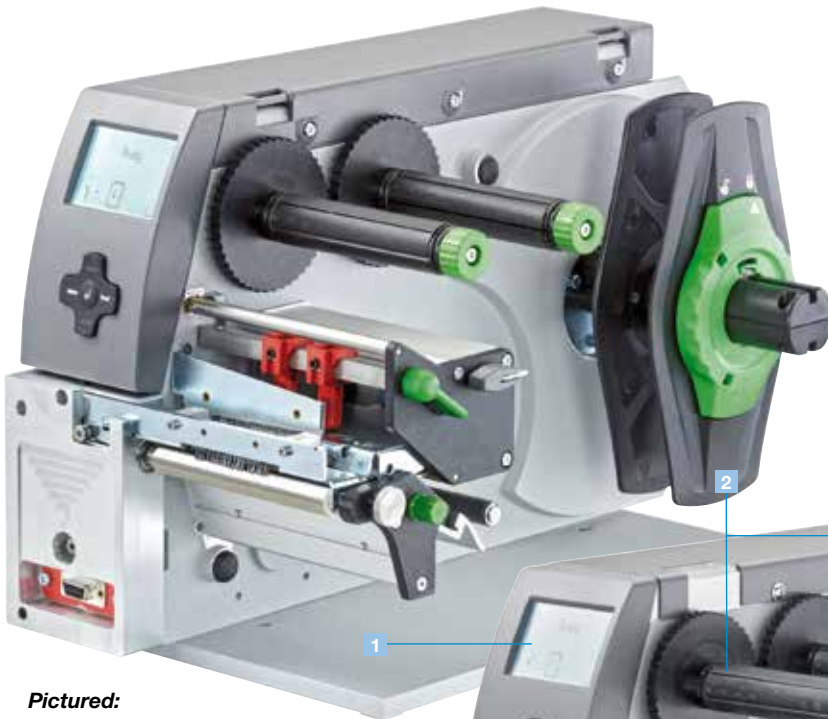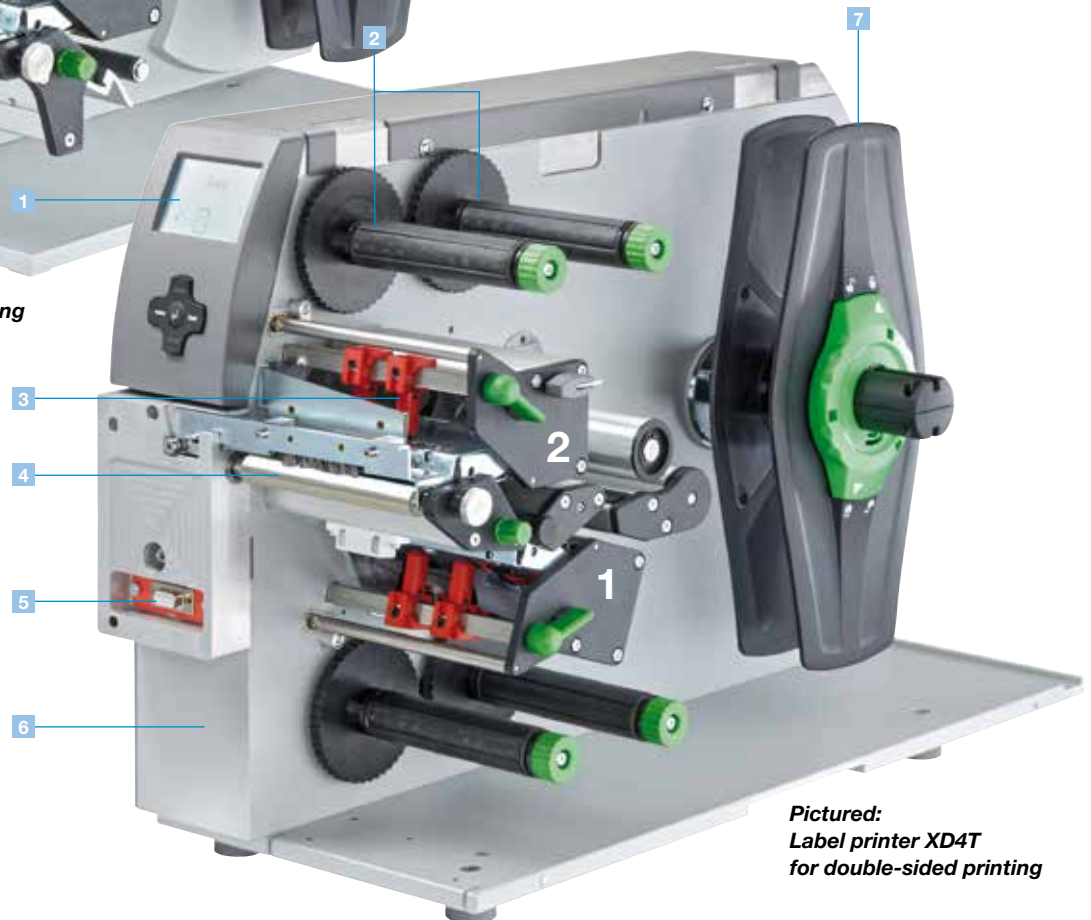White backlight for optimum readability.

2 Ribbon holder
Simple, centered insertion of the ribbon with three-part tightening axles. Imprinted rule simplifies ribbon positioning.

3 No print head adjustment
The print head is pressed down by two toggles. Due to centered material positioning there is no need to do print head adjustments and settings.

4 Material positioning
High printing accuracy as the material positioning is located directly behind the print roller. Width adjustment with a single knob. In case of the A4⁺T and XD4T the additional drive roller enables the material to be separated from the ribbon.

5 Peripheral connection
Add-on modules such as cutter, perforation cutter and stacker are easy to connect.

6 Solid metal housing
Die-cast aluminum. All components are mounted on it.

7 Roll holder
Available for core diameters starting 38 mm (76 mm adapters for improved label winding are provided). The material is automatically centered. The spring-mounted margin stop ensures constant tension during feeding, thus ensuring high printing accuracy.

Label printers for two-color printing

Two in-line arranged thermal transfer print units for simultaneous two-color printing in one label. With ribbon saver at one print unit:

- The XC series meets the conditions for the classification and labeling inventory according to GHS.
- For large label rolls up to 300 mm diameter
- The two print units including ribbon holder, operation panel and electronics are adopted from the proven A$^+$ series.

1.9	Label printer		XC4
	Printable resolution	dpi	300
	Print width	up to mm	105.6
	Print speed	up to mm/s	125

1.10	Label printer		XC6
	Printable resolution	dpi	300
	Print width	up to mm	162.6
	Print speed	up to mm/s	125

We are glad to assist you in the selection of proper ribbons.

Accessories

Cutter
Used to cut paper labels, self-adhesive labels, cardboard, textile or synthetic materials as well as heat shrink tubes.

Perforation cutter
For XC4 printers only. Enables the perforation of the material for later manual separation.

Stacker with cutter
For XC4 printers only. Printed materials are cut and stacked. The print job is stopped as soon as the maximum stack height is reached. Even stiff or curved materials may be processed. We recommend to have your material tested at our facilities.

Common details
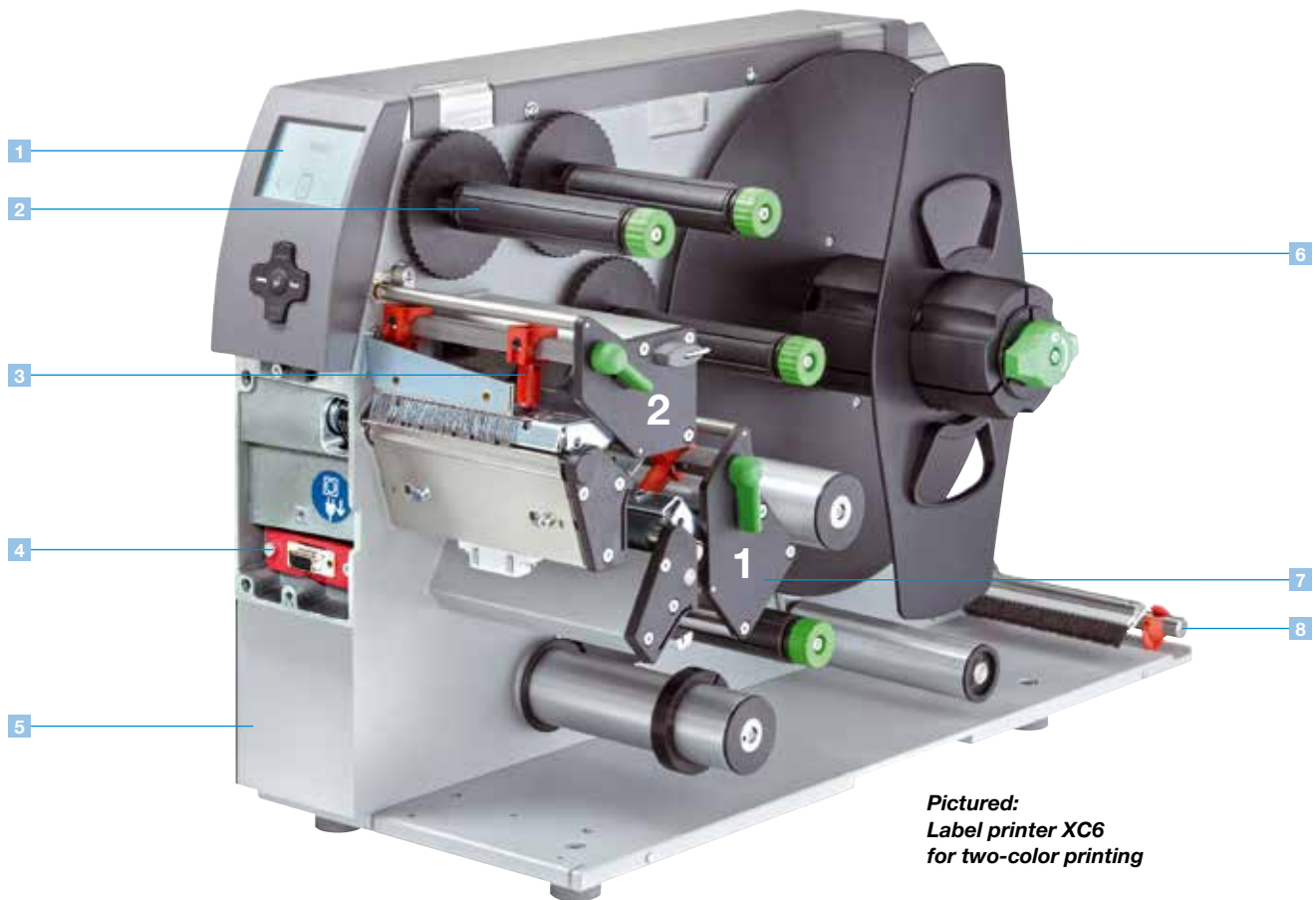
Pictured:
Label printer XC6
for two-color printing

1 Wide graphic display
White backlight for optimum readability.

2 Ribbon holder
Simple, centered insertion of the ribbon with three-part tightening axles.

3 Simple adjustment
The print head is pressed down by toggles. One is mounted to the left label margin, the other is pushed to the right label margin.

4 Peripheral connection
All add-on modules are easy to connect. All peripheral devices are plugged in the printer using two pins and are fixed in place with a screw.

5 Solid metal housing
Die-cast aluminum. All components are mounted on it.

6 Roll holder
For labels up to 300 mm diameter. Swing lever and integrated brake make sure that the labels are unwound with constant tension.

7 Ribbon saver for print head 1
The ribbon saver is used for labels to be partially printed. The print head is lifted within the unprinted area and the ribbon stopped during label feeding.

8 Fanfold guide
Fanfolded labels are positioned behind the print unit. Guide and additional brake ensure reliable feeding to the print unit.

Label printers - technical data

■ Standard □ Optionally

Label printer	1.1 A2+	1.2 A4+	1.3 A6+	1.4 A8+	1.5 A4+M	1.6 XD4	1.7 A4+T	1.8 XD4T	1.9 XC4	1.10 XC6
Print head										
Printing method — thermal transfer	■ / ■	■ / ■ / ■	■ / ■	■	■ / ■	■	■ / ■	■	■	■
thermal direct	■ / –	■ / ■ / –	■ / ■	■	■ / ■	–	– / –	–	–	–
Printable resolution dpi	300 / 600	203 / 300 / 600	203 / 300	300	300 / 600	300	300 / 600	300	300	300
Print speed up to mm/s	150 / 100	250 / 250 / 100	200 / 200	150	125 / 100	125	125 / 100	125	125	125
Print width up to mm	54.2 / 57	104 / 105.6 / 105.6	168 / 162.6	216	105.6 / 105.6	105.6	105.6 / 105.6	105.6	105.6	162.6
Material	Paper, cardboard, textile, plastics									
Labels or continuous materials on rolls or fanfold	■	■	■	■	■	■	■	■	□[1]	□[1]
Labels on reel	–	–	–	–	■	■	■	■		
Material thickness mm/weight g/m²	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.8/60-300	0.05-0.2/60-180	0.05-0.2/60-180	0.05-0.2/60-180
Width labels[2] mm	4-63	20-116	46-176	46-220	4-106	10-110	4-106	10-110	20-116	46-176
liner mm	24-67	24-120	50-180	50-235	10-110	10-110	10-110	10-110	24-120	50-180
continuous material mm	24-67	24-120	50-180	50-235	4-110	4-110	4-110	4-110	–	–
contin. heat shrink tube mm	10-67	25-85	–	–	4-85	4-85	–	–	–	–
Label height[2] without back-feed from mm	4	4	6	10	5	20	5	20	20	20
when dispensing from mm	12	12	25	–	–	–	–	–	–	–
up to mm	5,000 / 2,000	5,000 / 4,000 / 1,000	4,000 / 3,000	2,000	4,000 / 1,000	2,000	4,000 / 1,000	2,000	2,000	1,500
Media roll outer diam. up to mm	205	205	205	205	205	300	205	300	300	300
core diameter mm	38-100	38-100	38-100	38-100	38-100	38-100	38-100	38-100	76	76
winding	Outer or inner									
Ribbon										
Ink side	Outer or inner									
Roll diameter up to mm	80	80	80	72	80	72	80	72	72	72
Core diameter mm	25	25	25	25	25	25	25	25	25	25
Variable length up to m	500	500	500	360	500	360	500	360	360	360
Width[3] up to mm	57	114	165	220	114	114	114	114	114	165
Internal rewinder (only with peel-off devices)										
Outer diameter up to mm	142	142	142	–	–	–	–	–	–	–
Core diameter mm	38.1	38.1	38.1	–	–	–	–	–	–	–
Label winding	Outer only	Outer only	Outer only	–	–	–	–	–	–	–
Dimensions and weights										
Height mm	274	274	274	274	274	395	274	395	395	395
Depth mm	446	446	446	446	446	554	446	554	554	554
Width mm	190	242	302	352	242	248	242	248	248	358
Weight kg	8.5	9	13	15	9	21	9	21	22	24
Label sensor										
Gap sensor	For leading edge or punch marks and end of material									
Reflective sensor from bottom/opt. top	For print marks									
Distance to locating edge mm	5-26	5-53	5-53	5-53	–	–	–	–	5-53	5-53
center to the left mm	–	–	–	–	0-53	0-53	0-53	0-53	–	–
Electronics										
Processor 32 bit clock rate MHz	266									
Main storage (RAM) MB	64									
IFFS printer memory MB Flash	8									
Plug-in CompactFlash Type I	■									
WLAN card	■									
Battery buffer for real-time clock	■									
Acoustic error signal	■									
Interfaces										
Centronics according to IEEE 1284	□							–		
RS232 C	■							–		
USB 2.0 hi-speed slave for PC	■							–		
Ethernet 10/100 Base T, LPD-, RawIP-, FTP-Printing, DHCP, HTTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP	■							■		
RS422/RS485	□							–		
Peripheral connection	■							■		
WLAN 802.11b/g, WEP/WPA-PSK (TKIP)	□							□		
2 x USB hosts for external operation panel, keyboard, scanner, service key, USB stick	■							■		
Operating data										
Power supply	100-240 VAC ~ 50/60 Hz, PFC									
Power consumption W	100-300 depending on type of printer									
Temperature/humidity operation	5-40 °C/10-85 % not condensing									
storage	0-60 °C/20-80 % not condensing									
transport	−25-60 °C/20-80 % not condensing									
Approvals	CE, FCC class A, CB, CCC, UL									

[1] Continuous materials on rolls only after being tested. [2] Limitations may apply to small labels, thin materials or strong adhesives. These applications need to be tested and approved.
[3] Ribbon according to label width in order to avoid folding.

Operation panel

Buttons/LED displays	Pause, feed, cancel, menu, enter, 4 x cursor
LCD graphic display	Width 60 mm, height 40 mm, 4 lines text, approx. 20 characters per line

Settings

	Digital or analog clock	Time
	System settings	Date
	Print parameters	Interfaces
	Language settings	Security

On display

	Data reception	Clock
	WLAN field intensity	Date sheet
	Ethernet status	abc Debug
	Used memory	Input buffer
	Temperature print head	Remaining ribbon
	Memory card access	

Monitoring

Stop print job	When end of ribbon
	When end of labels
	When print head open
	When not reached final position of cutter

Testing functions

System diagnosis	When switched on, including print head testing
Short status, status print	Fonts list, devices list, WLAN status, label profile, test grid, monitor mode, PPP status
Status reports	Printout on device settings, e.g. print length counter, runtime counter, etc. Request of status via software command, status messages on 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 internally available, TrueType fonts loadable. Optionally: Chinese (simplified), Thai
Character sets	Windows 1250 to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All Western and Eastern European characters, Latin, Cyrillic, Greek, Hebrew and Arabic are supported. Optionally: Chinese (simplified), Thai
Bitmap fonts	Size of width and height 1-3 mm Zoom factors 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, inverse - depending on font types
Font width	Variable

Graphics

Graphic elements	Lines, arrows, boxes, circles, ellipses, filled and filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG

Barcodes

Linear barcodes	Code 39, Code 93	Interleaved 2/5
	Code 39 Full ASCII	Ident and lead code of
	Code 128 A, B, C	Deutsche Post AG
	EAN 8, 13	Codabar
	EAN/UCC 128	JAN 8, 13
	EAN/UPC Appendix 2	MSI
	EAN/UPC Appendix 5	Plessey
	FIM	Postnet
	HIBC	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 are variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and start/stop code depending on type of code	

Software

Programming	J-Script direct programming	■
	abc Basic Compiler	■
	Database Connector	■
Monitoring/ administration	Printer monitoring	■
	Administration Network Manager	■
Label software	cablabel S3 Lite	■
	cablabel S3 Viewer	■
	cablabel S3 Pro	□
Windows drivers certified	32/64 bit for	
	Windows XP Server 2003	
	Windows Vista Server 2008	
	Windows 7 Server 2008 R2	■
	Windows 8 Server 2012	
	Windows 8.1 Server 2012 R2	
Mac drivers*	OS X printer drivers starting version 10.6	■
Linux drivers*	32/64 bit starting CUPS 1.2	■
Stand-alone operation		■

only with A+ series

Accessories - overview

Legend: ● Typical   ○ Possible   ■ Standard   □ Optionally

	Extra equipment	Basic device	Peel-off device	1.1 A2$^+$	1.2 A4$^+$	1.3 A6$^+$	1.4 A8$^+$	1.5 A4$^+$M	1.6 XD4	1.7 A4$^+$T	1.8 XD4T	1.9 XC4	1.10 XC6
2.1	Metal cover	●	●	-	□	□	■	□	■	-	■	■	■
2.2	Print rollers DR4-M25, -M50, -M80	●	-	-	-	-	-	-	□	□	□	-	-
2.3	Reflective label sensor - from top	●	●	□	□	□	□	-	-	-	-	-	-
2.4	Adapter 100 mm diameter	●	●	□	□	□	□	□	□	□	□	-	-
2.5	Memory card	●	●	□	□	□	□	□	□	□	□	□	□
2.6	Standard USB keyboard	●	●	□	□	□	□	□	□	□	□	□	□
2.7	External operation panel	●	●	□	□	□	□	□	□	□	□	□	□
2.8	Pause adapter PS7 - print job interruption	●	○	□	□	□	□	□	-	-	-	-	-
2.9	Tester CC for linear and 2D barcodes	●	●	□	□	□	-	-	-	-	-	-	-
	Interfaces												
3.1	Centronics according to IEEE 1284	●	●	□	□	□	□	□	-	□	-	-	-
3.2	RS422/RS485	●	●	□	□	□	□	□	-	□	-	-	-
3.3	Label selection – I/O box	●	●	□	□	□	□	□	□	□	□	□	□
3.4	WLAN 802.11b/g	●	●	□	□	□	□	□	□	□	□	□	□
	Connecting cables												
4.1	Connecting cable RS232 C, 9/9-pin, length 3 m	●	●	□	□	□	□	□	□	□	□	□	□
4.2	Patch cable CAT 5e, length 3 m, gray	●	●	□	□	□	□	□	□	□	□	□	□
	Cutting labels, perforating labels, stacking labels												
5.1	Cutter CU	●	○	□	□	□	□	□	□	□	□	□	□
5.2	Cutter tray	●	○	-	-	-	-	□	-	-	-	-	-
5.3	Perforation cutter PCU4	●	○	-	-	-	-	□	□	□	□	○	-
5.4	Stacker with cutter ST4/L	●	○	-	□	-	-	-	-	-	-	□	-
	Stacker with cutter ST4/M	●	-	-	-	-	-	□	□	□	□	-	-
5.5	Base frame A4$^+$	●	-	-	□	-	-	□	-	□	-	-	-
	Rewinding labels, unwinding labels												
6.1	Rewind guide plate for internal rewinding	-	●	□	□	-	-	-	-	-	-	-	-
6.2	External rewinder for direct printer connection	●	○	□	□	□	□	-	-	-	-	-	-
6.3	External rewinder with built-in power supply	●	○	□	□	□	□	□	□	□	□	□	□
6.4	External unwinder for rolls up to 300 mm diameter	●	○	□	□	□	□	□	□	□	□	□	□
6.5	Adapter kit A2$^+$, A4$^+$, A6$^+$, A8$^+$	●	○	□	□	□	□	-	-	-	-	-	-
6.6	Adapter kit XC4, XC6	●	-	-	-	-	-	-	-	-	-	□	□
	Dispensing labels												
7.1	Peel-off adapter PS5 for automatic operation	-	●	□	□	□	-	-	-	-	-	-	-
7.2	Extended peel-off plate	-	●	□	□	□	-	-	-	-	-	-	-
7.3	Present sensor PS6 for manual or automatic operation	-	●	□	□	□	-	-	-	-	-	-	-
7.4	Present sensor PS8 for manual operation	-	●	□	□	□	-	-	-	-	-	-	-
7.5	Present sensor PS9 variable	-	●	□	□	-	-	-	-	-	-	-	-
	For dispensing labels												
8.1	Hand switch TR1	-	●	□	□	□	-	-	-	-	-	-	-
8.2	Foot switch	-	●	□	□	□	-	-	-	-	-	-	-
8.3	Interface connector/15-pin Sub-D plug	-	●	□	□	□	-	-	-	-	-	-	-
8.4	Product sensor	-	●	□	□	□	-	-	-	-	-	-	-
8.5	Testbox 2 - automatic operation	-	●	□	□	□	-	-	-	-	-	-	-
	Applicators and dispensing module												
9.1	Dispensing module A5100	-	●	-	□	□	-	-	-	-	-	-	-
9.2	All-around labeler	-	●	□	□	-	-	-	-	-	-	-	-
9.3	Applicator A1000	-	●	□	□	□	-	-	-	-	-	-	-
9.4	Tamp pad A1021 WxH	-	●	□	□	□	-	-	-	-	-	-	-
	Universal tamp pad A1021 70x60	-	●	□	□	○	-	-	-	-	-	-	-
	Universal tamp pad A1021 90x90	-	●	-	□	○	-	-	-	-	-	-	-
9.5	Tamp pad A1321 WxH	-	●	-	□	□	-	-	-	-	-	-	-
	Universal tamp pad A1321 116x102	-	●	-	□	○	-	-	-	-	-	-	-
	Universal tamp pad A1321 116x152	-	●	-	□	○	-	-	-	-	-	-	-
9.6	Blow pad A2021 WxH	-	●	□	□	□	-	-	-	-	-	-	-
9.7	Roll-on pad A1411 WxH	-	●	-	□	□	-	-	-	-	-	-	-
9.8	Applicator A3200	-	●	□	□	-	-	-	-	-	-	-	-
9.9	Tamp pad A3221 WxH	-	●	□	□	-	-	-	-	-	-	-	-
9.10	Blow pad A3221 WxH	-	●	□	□	-	-	-	-	-	-	-	-
	Label dispensers and applicators												
10.1	Mounting plate	-	●	□	□	-	-	-	-	-	-	-	-
10.2	Profile 40/80/120 mm	-	●	□	□	-	-	-	-	-	-	-	-
10.3	Base plate 500x255 mm	-	●	□	□	-	-	-	-	-	-	-	-
10.4	Floor stand 1600	-	●	□	□	□	-	-	-	-	-	-	-
10.5	Printer holder A2$^+$, A4$^+$, A6$^+$	-	●	□	□	□	-	-	-	-	-	-	-
	Software												
11.4	Database Connector	●	●	■	■	■	■	■	■	■	■	■	■
11.6	Administration Network Manager	●	●	■	■	■	■	■	■	■	■	■	■
11.7	Label software cablabel S3 Lite	●	●	■	■	■	■	■	■	■	■	■	■
	Label software cablabel S3 Pro	●	●	□	□	□	□	□	□	□	□	□	□
11.10	Programming manual	●	●	□	□	□	□	□	□	□	□	□	□

Accessories - special equipment, interfaces, connecting cables

Extra equipment	
2.1	**Metal cover** On request, label printers A4$^+$ and A6$^+$ are available with metal cover (standard with the A8$^+$).
2.2	**Print roller DR4-M25** For small and thin materials up to 25 mm width
	Print roller DR4-M50 For very thin materials from 20 to 50 mm width
	Print roller DR4-M80 For very thin materials up to 80 mm width
2.3	**Reflective label sensor** From top
2.4	**Adapter 100 mm diameter** To keep bending to a minimum during stacking it is recommended to use a large core diameter.
2.5	**Memory card** CompactFlash Type I
2.6	**Standard keyboard** Connection USB, number of keys 115
2.7	**External operation panel** If the operation panel is not accessible, after printer installation within a facility, an external one can be connected. Additional slots are available for CompactFlash memory card Type I and host interface.
2.8	**Pause adapter PS7** For printing in a label loop. Print job is stopped by the pause signal, with the label being printed finished first. **I/O interface** **Inputs:** Pause, external error **Outputs:** No print job, printer not ready, print job active
2.9	**Tester CC for linear and 2D barcodes** A camera testing horizontally and vertically printed barcodes directly after printing. If the code is faulty the print job is stopped and the label removed. The tester CC can be used with tear-off mode, dispensing mode or external rewinder. For further details please refer to the operation manual.

Interfaces	
3.1	**Centronics Interface** Bi-directional according to IEEE 1284
3.2	**RS422/RS485** 1,200 to 230,400 baud/8 bit
3.3	**Label selection – I/O box** From a higher-level control, like a PLC, up to 16 different labels can be selected from the memory card. The I/O box via abc programming enables to realize easy PLC programming with four in- and outputs each.
3.4	**WLAN 802.11b/g**

Connecting cables	
4.1	**Connecting cable RS232 C**, 9/9-pin, length 3 m
4.2	**Patch cable CAT 5e**, length 3 m, gray

Accessories - cutting labels, perforating labels, stacking labels

Cutter CU
Used to cut paper labels, self-adhesive labels, cardboard, textile or synthetic materials as well as heat shrink tubes.

Cutter tray
Up to about 50 labels may be collected in the cutter tray.

Cutter		CU2		CU4		CU6	CU8
Usage		A2$^+$	A4$^+$	A4$^+$M, A4$^+$T XD4, XD4T, XC4		A6$^+$ XC6	A8$^+$
Material width	up to mm	67	120	110		180	232
Material weight cardboard	gr/m^2			60-500			
Material thickness	mm			0.05-0.8			
Cutting length	mm			>5			
Gap height	up to mm			2.5			
Cuts/min.		130		120		110	100
Stop print job				When final position of cutter is not reached			
Cutter tray 4 for A4$^+$, A4$^+$M							
Label height	up to mm			100			

Perforation cutter PCU4
Enables the perforation of the material for later manual separation.

Perforation cutter		PCU4
Usage		A4$^+$, A4$^+$M, A4$^+$T, XD4, XD4T, XC4
Material width	up to mm	85
Material weight cardbaord	gr/m^2	60-300
Material thickness	mm	0.05-0.8
Cutting length	mm	>5
Gap height	up to mm	4.5
Cuts/min.		Cutting 120/perforating 150
Stop print job		When final position of cutter is not reached
Perforating: Web width	mm	0.5
Web distances	mm	2.5 or 10

Stacker with cutter ST4
Printed materials are cut and stacked. The print job is stopped as soon as the maximum stack height is reached. Even stiff or curved materials may be processed to some extent. We recommend to have your material tested at our facilities.

Stacker with cutter		ST4/L	ST4/M
Usage		A4$^+$, XC4	A4$^+$M, A4$^+$T, XD4, XD4T
Material width	up to mm	20-110	20-100
Material weight cardboard	gr/m^2		60-300
Material thickness	mm		0.05-0.8
Cutting length	mm		20-150
Gap height	up to mm		1.2
Cuts/min.			120
Stop print job		When final position of cutter is not reached, when cover open, when stack height reached	
Stack height	up to mm		100

Storage table label WxH
Storage table and protective cover are adapted to the label size and need to be ordered separately.

Base frame A4$^+$
Used to place the devices on the table in any position.

Accessories - rewinding labels, unwinding labels

Rewind guide plate RG for internal rewinding
Internal rewinding is done by dispensing printers. In this case, the peel-off plate is replaced by the rewind guide plate.

Rewind guide plate	RG2	RG4
Usage	A2$^+$ dispensing version	A4$^+$ dispensing version
Material width up to mm	67	120
Roll diameter up to mm	140	140
Core diameter mm	40	40
Label winding	Outer	

External rewinders ER1/2/3 for direct printer connection
The rewinder is directly screwed onto the printer. Labels are optionally wound either inner or outer side. Electronic control by the swing arm ensures a smooth and tight winding.

External rewinder	ER1/210		ER2/210	ER3/210
Usage	A2$^+$	A4$^+$	A6$^+$	A8$^+$
Material width up to mm	67	120	180	235
Roll diameter up to mm	205	205	205	205
Core diameter mm	40/76			
Label winding	Outer or inner			
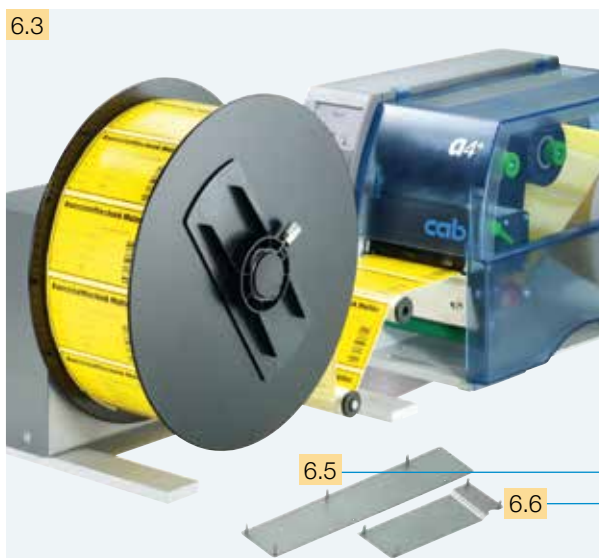
External rewinders ER4/6/8 with built-in power supply
The rewinder may be attached to any external printer. All other technical data according to rewinders ER1/2/3.

External rewinder	ER4/210		ER4/300		ER6/300	ER8/300
Usage	A2$^+$	A4$^+$, A4$^+$M, A4$^+$T, XD4, XD4T XC4	A2$^+$	A4$^+$, A4$^+$M, A4$^+$T, XD4, XD4T XC4	A6$^+$ XC6	A8$^+$
Material width up to mm	67	120	67	120	180	235
Roll diameter up to mm	205	205	300	300	300	300
Core diameter mm	40 / 76					
Label winding	Outer or inner					
Operating voltage	100-240 V ~ 50/60 Hz					

For exact alignment of the external rewinder to the printer an adapter kit is offered.

Adapter kit	For A2$^+$, A4$^+$, A6$^+$, A8$^+$
Adapter kit	For XC4, XC6

External unwinders EU4/6/8
Ensure a smooth label feed with heavy rolls. Both inner and outer site wound rolls may be used.

External unwinder	EU4/300		EU6/300	EU8/300
Usage	A2$^+$	A4$^+$, A4$^+$M, A4$^+$T	A6$^+$	A8$^+$
Material width up to mm	67	120	180	235
Roll diameter up to mm	300	300	300	300
Core diameter mm	40/76			
Label winding	Outer or inner			

For exact alignment of the external unwinder to the printer an adapter kit is offered.

Adapter kit	For A2$^+$, A4$^+$, A6$^+$, A8$^+$

Accessories - dispensing labels

[1] Dispensing printers ("P" types) additionally need to have a peel-off adapter or present sensor. Different types for either manual operation, or via hand switch, foot switch or an external signal are available.

Dispensing labels	
7.1	**Peel-off adapter PS5 for automatic operation** Printing and dispensing the label is triggered via external signal. The label is removed by an applicator or robot. **I/O interface** — **Inputs:** Start, Label removed, External error — **Outputs:** No print job, Printer not ready, Print job active, Label in dispensing position
7.2	**Extended peel-off plate** For labels particularly difficult to remove from liner the peel-off plate with rewind guide plate, extended by 10 mm, is used. Only in connection with present adapter PS5 or an applicator.
7.3	**Present sensor PS6** **1. Manual operation** The present sensor detects the label being in dispensing position and interrupts the print job. As soon as the label has been manually removed the next one is printed immediately. **2. Automatic operation** Dispensing via hand switch, foot switch, or an external signal **I/O interface** — **Inputs:** Start, External error — **Outputs:** No print job, Printer not ready, Print job active, Label in dispensing position
7.4	**Present sensor PS8 for manual operation** The present sensor detects the label being in dispensing position and interrupts the print job. As soon as the label has been manually removed the next one is printed immediately.
7.5	**Present sensor PS9 variable** For dispensing e.g. round labels where the leading edge of the label cannot be detected by the PS8. Extension is customized.

Accessories - for dispensing labels

For peel-off adapter PS5,   dispensing modules A5104/A5106,
     present sensor PS6,   applicator A1000,
     pause adapter PS7,   applicator A3200

For dispensing labels		
8.1		**Hand switch TR1** Printing and dispensing on demand
8.2		**Foot switch** Printing and dispensing on demand
8.3		**Interface connector/Sub-D plug** Sub-D plug 15-pin with screw clamps for PS5, PS6, PS7 and applicators. To connect external control signals.
8.4		**Product sensor** For automatic product detection on the conveyor belt
8.5		**Testbox 2** Simulation of automatic operation

Dispensing module with peel-off adapter PS5

For labeling packages on a conveyor belt. The product sensor triggers the printing process. Labeling is started and at the same time the next label is printed. Conveyor speed and print speed need to be synchronized.

		A5104	A5106
Usage		A4$^+$	A6$^+$
Label width	mm	25-116	50-176
Label height	mm	25-200	
Product surface		Flat	
Product height		Fixed	
Product during labeling		In motion with speed synchronized to printer	

All-around labeler

Combined with the A1000 applicator labels on cylindrical objects around the entire circumference of 360° can be applied. The product is put on the rolls and labeling is started via hand or foot switch.

All-around labeler		
Usage		A2$^+$, A4$^+$ with applicator A1000-220
Product diameter	mm	12-40
Product surface		Cylindrical
Product during labeling		In rotary motion
Tamp pad		**A1021 WxH**
Label width	mm	25-116
Label height	mm	25-140

Applicator A1000
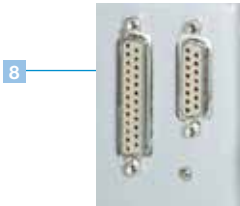
Real-time application

Combined with the A2+, A4+ and A6+ printers the A1000 applicator means a cost-effective solution - for both semi-automatic operation and integration into product lines. For operation compressed air of 4,5 bar is needed.

1 Long service life

The ball-bearing guide bars are low-wearing.

2 Variable product heights

The lifting cylinder allows labeling at different heights. Different stroke heights are available.

3 Pre-dispensing button

For testing the labeling process. Pushing the button the first time causes the label to be printed and held by the pad. Pushing the button again starts the application.

4 Compressed air regulation unit

Microfilters prevent contamination. The compressed air regulator ensures a permanent high labeling quality.

5 High process reliability

The supporting air jet stream, induction air and lifting speed can be adjusted. The pressure can be reduced to less than 10 N (1 kg) for highly sensitive products and packages. To avoid contamination of the vacuum holes, these are cleaned with air pressure after each application.

6 Label sizes

Labels with 25 to 176 mm width and 25 to 200 mm height can be applied.

7 Supporting air

Used for blowing the label onto the pad

8 Digital I/O interface

A PLC, sensor or hand switch starts the labeling. At the same time, status and error messages are issued.

Inputs:	Outputs:
Start	Printer not ready
Print first label	No print job
External error	Collective alarm
Stop (external error)	Home position reached
External reset only for 25-pin	Labeling position reached
	Labeling error

Applicator		A1000-220	A1000-300	A1000-400
Usage		A2+, A4+, A6+	A2+, A4+, A6+	A2+, A4+, A6+
Cylinder stroke	mm	220	300	400
Tamp stroke below device	mm	70	150	250
Compressed air	bar		4.5	

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Accessories - Applicator A1000

Tamps

Labels are applied on the tamp and held by vacuum. Tamp and label are then moved to the product by applicator.

Universal tamp pad

The rasterized vacuum holes are covered by a foil and are pierced according to the label size.

Tamp pads are manufactured according to the label size.

	Universal tamp pads			Tamp pad		
	A1021 70x60		A1021 90x90	A1021 WxH		
Usage	A2+	A4+	A4+	A2+	A4+	A6+
Label width mm	25-63	25-70	25-90	25-63	25-116	50-176
Label height mm	25-60		25-90	25-200		
Product surface	Flat					
Product height	Variable					
Product during labeling	Not moving					

Tamp spring-mounted

The spring deflection allows labeling even on inclined surfaces.

Universal tamp pad

The rasterized vacuum holes are covered by a foil and are pierced according to the label size.

Tamp pads are manufactured according to the label size.

	Universal tamp pads		Tamp pad	
	A1321 116x102	A1321 116x152	A1321 WxH	
Usage	A4+	A4+	A4+	A6+
Label width mm	25-116	25-116	25-116	50-176
Label height mm	25-102	25-152	25-200	
Product surface	Flat			
Product height	Variable			
Product during labeling	Not moving			

Blow pad

In case of pressure-sensitive products, the label can be blown on. Thus, the blow pad moves to a fixed height. The product to be printed is positioned about 10 mm below.

| Blow pad	A2021		
Usage	A2+	A4+	A6+
Label width mm	25-63	25-116	50-176
Label height mm	25-100		
Product surface	Flat		
Product height	Fixed		
Product during labeling	Not moving or in motion		

Roll-on pad

Using the roll-on pad the label is moved to below the roll. The pad moves onto the product and the label is rolled on during transport.

Roll-on pad	A1411	
Usage	A4+	A6+
Label width mm	25-116	50-76
Label height mm	80-200	80-200
Product surface	Flat	
Product height	Variable	
Product during labeling	In motion	

Applicator A3200
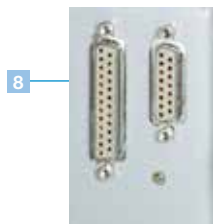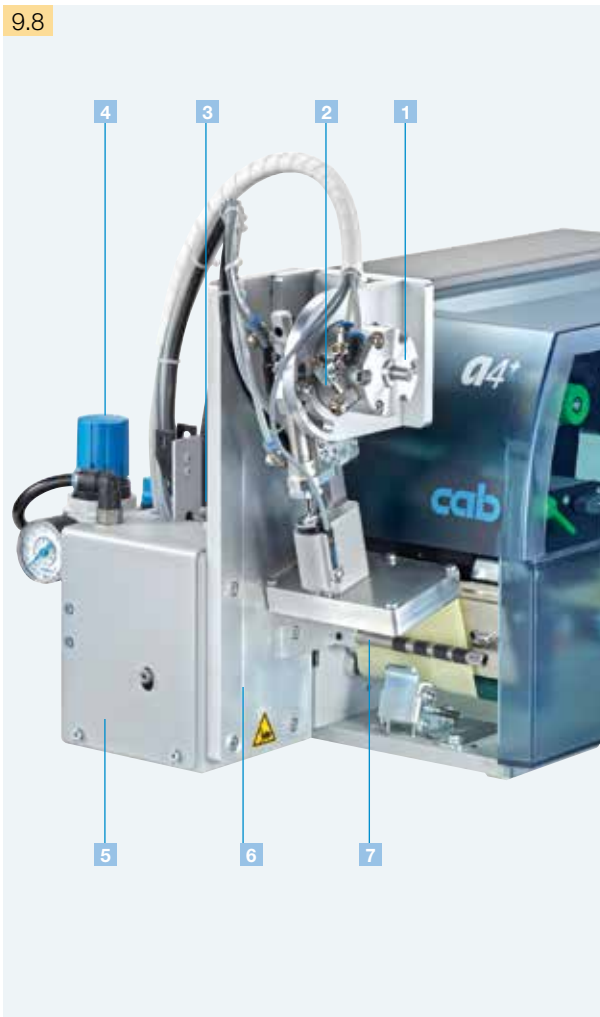
Real-time application

With the A3200 applicator labels that are printed with the A2$^+$ or A4$^+$ printers are automatically applied on a product. A rotary cylinder allows positioning the label between 45° and 95°. Finally, the label is placed on the product via short stroke cylinder.

1 Long service life
The ball-bearing guides are low-wearing.

2 Variable angular position
The rotary cylinder allows labeling on horizontal, inclined and vertical surfaces.

3 Pre-dispensing button
For testing the labelling process. Pushing the button the first time causes the label to be printed and held by the pad. Pushing the button again starts the application.

4 Compressed air regulation unit
Microfilters prevent contamination. The compressed air regulator ensures a permanent high labeling quality.

5 High process reliability
The supporting air jet stream, induction air and lifting speed can be adjusted. The pressure can be reduced to less than 10 N (1 kg) for highly sensitive products and packaging. To avoid contamination of the vacuum holes, these are cleaned with air pressure after each application.

6 Label sizes
Labels with 4 to 116 mm width and 5 to 80 mm height can be applied.

7 Supporting air
Used for blowing the label onto the pad

8 Digital I/O interface
A PLC, sensor or hand switch starts the labeling. At the same time, status and error messages are issued.

Inputs:
Start
Print first label
External error
Stop (external error)
External reset only for 25-pin

Outputs:
Printer not ready
No print job
Collective alarm
Home position reached
Labeling position reached
Labeling error

Applicator	A3200
Usage	A2$^+$, A4$^+$
Rotary cylinder	45°-95°
Lifting cylinder up to mm	30
Compressed air bar	4.5

Tamp pads or blow pads are manufactured according to the label size.

	Tamp pad A3221		Blow pad A3221	
Usage	A2$^+$	A4$^+$	A2$^+$	A4$^+$
Label width mm	4-63	20-116	10-63	20-16
Label height mm	5-80		10-80	
Product surface	Flat			
Product during labeling	Not moving		In motion	

Accessories - mounting equipment

Mounting foot (for A2⁺, A4⁺)

For fastening the print and apply system and product holder.

1 Mounting plate

The print and apply system is fastened on the mounting plate.

2 Profile

Standard lengths 40, 80, 120 mm. The aluminum square profile can also be manufactured in other lengths upon request.

3 Base plate

For fastening the product holder
Standard size 500x255 mm

Floor stand

Enables the printer to be quickly and flexibly integrated into any manufacturing line. Height and width of the labeling position are easy to adjust. Four guide rollers at the chassis provide for mobility. The floor stand is adjusted with adjustable feet at the place of operation.

Floor stand		1600
Total height	mm	1600
Labeling height	up to mm	1400
Projection until middle of label	mm	230-500
Chassis WxDxH	mm	600x860x140

Printer holder

The A2⁺, A4⁺ or A6⁺ label printers are fixed on the plate and quicklocked.

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Label software cablabel S3

cablabel S3 concentrates label design, print control and monitoring of all cab marking systems. The development of devices and software is synchronized.

Highlights

Like no other software available cablabel S3 develops the full potential of cab devices. The software utilizes the JScript code to the full extent. The Pro product imports existing JScript files, so you can switch over easily to new software. With the new layer technology the user designs a label which works for all established devices and resolutions. Intelligent print control evaluates both device and resolution for printout and provides the proper data. Thus, possible sources of error are reduced.

cablabel S3 also maximizes the integration of database connections via Database Connector. After designing the label, the software provides all files to be stored within the printer for database connections. Stand-alone operation independend from a host system is supported. In addition the software creates interfaces which are easy to handle for SAP connection or other devices like PLC, scales and barcode testers.

Functional range

Every company designs and formats their label printing differently. For example, label creation and production are executed by different employees. To adopt the software package to specific needs, cab offers different software packages.

- cablabel S3 Lite is offered free of costs with every cab printer and allows to create and print labels.

- With cost-saving cablabel S3 Pro label designs for professional technical solutions can be created.

- cablabel S3 Viewer shows the preview of a label in the Windows Explorer and - like the Lite product - is delivered free of costs with every cab printer. The Viewer may support showing examples during the approval processes or supplier requirements.

- cablabel S3 Print is provided for users in production or warehouse. The user interface is simplified and provides only those functions which are required for label printing.

Other products like cablabel S3 Pro Laser, Print Laser and Print Server are in preparation.

Integration

No printer works isolated. In a productive environment it is connected to other equipment or networks for control and monitoring. cab offers various possibilities to integrate the printer into your business environment.

Control

Every cab printer can be directly coded with the simple programming language *JScript* and an extensive instruction set. Direct programming is supported by cablabel S3, but may also be created with any text editor.

As an integrated element of the firmware, the *abc Basic Compiler* enables the printer to process data via BASIC programming before it is sent for print editing. That way, you replace external printer languages or integrate data from other systems, e.g. scale or PLC.

11.4 The *Database Connector* enables printers to access data directly from a central ODBC- or OLEDB compatible database and to print it as a label.

In cooperation with SAP* cab developed the so-called *replace method* to control cab printers quickly and easily from SAPScript using SAP R/3. Using this method the host computer only sends the JScript variable, respectively changed data to the printer. As a Silver Level Partner in SAP's printer vendor program, cab has access to SAP development environments for optimum printer support.

11.10 The *Programming manual* explains and describes commands for different printer models via direct programming with JScript and abc and the connection of the printer to databases via Database Connector.

For printer control via PC drivers are available for Windows operating systems. For A+ printers in addition CUPS-based drivers for Mac OS X and Linux. The drivers ensure optimum stability on your operating system.

Monitoring

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

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

* SAP is a registered trademark of SAP AG.

Stand-alone operation

Printing without PC

Stand-alone operation is the ability of cab printers to print labels even if these devices are not connected to the host system.

The layout is designed with a special label software or direct programming via PC.

Label formats, fonts, text and graphics data as well as database contents are saved or read on the CompactFlash memory card, USB stick or internal IFFS printer memory.

Only variable data to be printed is sent to the printer via keyboard or host. Additionally, data sent by a barcode scanner or scale can be processed.

Easy maintenance

Label sensor
For cleaning the label sensor is unlocked and pulled out with slight finger pressure.

Print head
The print head may be exchanged in just few steps. No need of adjustments and settings.

Print roller
Three screws allow an easy and fast removing of the print roller for cleaning or replacement.

Assembling tool
For replacing wear parts or mounting peripherals ONE single tool is inserted in the printer ready to hand.

Service

Well-trained cab service engineers give worldwide support in maintenance and repair. Please send your printer to one of cab's service centres or one of our selected service partners. We will check and repair your printer within a few days. If requested, we will make a temporary equivalent device available for the time of repair.

Training

We offer information on the programming of different software tools, printer drivers and label layout design. Enhance your knowledge on cab printers to make more effective use of cab printers. We also offer seminars for maintenance and repair.

Label printers - product range

		Part no.	Printers	dpi	Part no.	Print heads	dpi	Part no.	Wear parts
1.1		5954511 5954512	Label printer A2$^+$ Label printer A2$^+$	300 300P	5954105.001	Print head 2	300	5954102.001 5954104.001	Print roller DR2 Rewind assist roller RR2
		5954575 5954578	Label printer A2$^+$ Label printer A2$^+$	600 600P	5958686.001	Print head 2	600		
1.2		5954500 5954505	Label printer A4$^+$ Label printer A4$^+$	200 200P	5954081.001	Print head 4	203	5954180.001 5954183.001	Print roller DR4 Rewind assist roller RR4
		5954501 5954506	Label printer A4$^+$ Label printer A4$^+$	300 300P	5954072.001	Print head 4	300		
		5954502 5954507	Label printer A4$^+$ Label printer A4$^+$	600 600P	5954077.001	Print head 4	600		
1.2		5954524 5954526	Label printer A4.3$^+$ Label printer A4.3$^+$	200 200P	5954085.001	Print head 4.3	203		
		5954525 5954527	Label printer A4.3$^+$ Label printer A4.3$^+$	300 300P	5954089.001	Print head 4.3	300		
1.3		5954587 5954588	Label printer A6$^+$ Label printer A6$^+$	200 200P	5954217.001	Print head 6	203	5954245.001 5954246.001	Print roller DR6 Rewind assist roller RR6
		5954513 5954514	Label printer A6$^+$ Label printer A6$^+$	300 300P	5954106.001	Print head 6	300		
1.4		5954517.101	Label printer A8$^+$ with metal cover	300	5954107.001	Print head 8	300	5954103.001	Print roller DR8
1.5		5954552 5954554	Label printer A4$^+$M Label printer A4$^+$M	300 600	5954072.001 5954077.001	Print head 4 Print head 4	300 600	5954180.001 5954183.001	Print roller DR4 Rewind assist roller RR4
1.6		5959640	Label printer XD4	300	5954072.001	Print head 4	300	5954180.001	Print roller DR4
1.7		5954568 595xxxx**	Label printer A4$^+$T Label printer A4$^+$T	300 600	5954072.001 5954077.001	Print head 4 Print head 4	300 600	5954180.001	Print roller DR4
1.8		5959970	Label printer XD4T	300	5954072.001	Print head 4	300	5954180.001	Print roller DR4
1.9		5965700	Label printer XC4	300	5954072.001	Print head 4	300	5954180.001	Print roller DR4
1.10		5965701	Label printer XC6	300	5954106.001	Print head 6	300	5954245.001	Print roller DR6

		Part no.	Special printers
1.11		59545xx.101*	Printer with metal cover for A4$^+$, A4$^+$M, A4$^+$T or A6$^+$
1.12		595xxxx*	Label printer for thermal direct printing on request

Scope of delivery: Label printer,
power cable E+F type, length 1,8 m,
connecting cable USB, length 1,8 m,
operation manual de/en

DVD: Operation manual in more than 20 languages (only with A$^+$ series),
operation manual de/en/fr/es/it (with X series)
configuration manual de/en/fr,
service manual de/en,
spare parts list de/en,
programming manual en,
printer drivers 32/64 bit in more than 20 languages for

Windows XP	Server 2003
Windows Vista	Server 2008
Windows 7	Server 2008 R2
Windows 8	Server 2012
Windows 8.1	Server 2012 R2

Mac OS X drivers de/en/fr (only with A$^+$ series),
Linux drivers de/en/fr (only with A$^+$ series),
Label software cablabel S3 Lite, cablabel S3 Viewer
Database Connector

* Instead of "**x**" please choose the article no. of the cab printer
as listed above.

** User specific article no. following request

Accessories - product range

	Part no.	Special equipment
2.1	5954012.001 5954013.001	Metal cover for A4$^+$ Metal cover for A6$^+$
2.2	5953700.001	Print roller DR4-M25
	5953701.001	Print roller DR4-M50
	5953702.001	Print roller DR4-M80
2.3	5958631	Reflective label sensor from top
2.4	5959622.001	Adapter 100
2.5	5561043	Memory card CompactFlash Type I
2.6	5901626	Standard USB keyboard German version
2.7	5954380	External operation panel
2.8	5946146	Pause adapter PS7
2.9	5571005 5571000	Barcode tester CC2 Barcode tester CC4

	Part no.	Interfaces
3.1	5954200	Centronics according to IEEE 1284
3.2	5954201	RS422/RS485
3.3	5954191	Label selection – I/O box
3.4	5561041	WLAN 802.11b/g

	Part no.	Connecting cables
4.1.	5550818	Connecting cable RS232 C 9/9-pin, length 3 m
4.2	5918008	Patch cable CAT 5e, length 3 m, gray

	Part no.	Cutting, perforating, stacking
5.1	5948382 5948000 5948001 5948002	Cutter CU2 Cutter CU4 Cutter CU6 Cutter CU8
5.2	5946995	Cutter tray 4
5.3	5960050.351 5960050.352	Perforation cutter PCU4/2,5 Perforation cutter PCU4/10
5.4	5541311 5541313	Stacker with cutter ST4/L Stacker with cutter ST4/M
	55xxxxx** 55xxxxx**	Storage table ST4/L, label WxH Storage table ST4/M, label WxH
5.5	5958932	Base frame A4$^+$

	Part no.	Rewinding labels, unwinding labels
6.1	5954108.001 5954190.001	Rewind guide plate RG2 for internal rewinding Rewind guide plate RG4 for internal rewinding
6.2	5948102 5943251 5945802	External rewinder ER1/210 External rewinder ER2/210 External rewinder ER3/210
6.3	5948100 5946090 5946420 5945804	External rewinder ER4/210 External rewinder ER4/300 External rewinder ER6/300 External rewinder ER8/300
6.4	5946091 5946421 5945806	External unwinder EU4/300 External unwinder EU6/300 External unwinder EU8/300
6.5	5948170	Adapter kit for A2$^+$, A4$^+$, A6$^+$, A8$^+$
6.6	5965712 5965713	Adapter kit for XC4 Adapter kit for XC6

	Part no.	Dispensing labels
7.1	5946120	Peel-off adapter PS5 Automatic operation
7.2	5958772 5948830 5958565	Extended peel-off plate A2$^+$ Extended peel-off plate A4$^+$ Extended peel-off plate A6$^+$
7.3	5942353	Present sensor PS6 Manual/automatic operation
7.4	5946900	Present sensor PS8 Manual operation
7.5	5948595	Present sensor PS9 Variable

	Part no.	Accessories for dispensing labels
8.1	5942345	Hand switch TR1
8.2	5535901	Foot switch
8.3	5917652	Interface connector 15-pin SUB-D plug Phoenix Contact 2761606
8.4	5941526	Product sensor
8.5	5533240	Testbox 2 Automatic operation

** User specific article no. following request

Accessories - product range

		Part no.	Applicators and dispensing modules
9.1		**5949281** **5949265**	Dispensing module A5104 Dispensing module A5106
9.2		**5941345**	All-around labeler
9.3		**5949001** **5949002** **5949003**	Applicator A1000-220 Applicator A1000-300 Applicator A1000-400
9.4		**5xxxxxx****	Tamp pad A1021 WxH
		5949072	Universal tamp pad A1021 70x60
		5949075	Universal tamp pad A1021 90x90
9.5		**5xxxxxx****	Tamp pad A1321 WxH
		5949076	Universal tamp pad A1321 116x102
		5949077	Universal tamp pad A1321 116x152
9.6		**5xxxxxx****	Blow pad A2021 WxH
9.7		**5xxxxxx****	Roll-on pad A1411 WxH
9.8		**5976050**	Applicator A3200
9.9		**5xxxxxx****	Tamp pad A3221 WxH
9.10		**5xxxxxx****	Blow pad A3221 WxH

** User specific article no. following request

		Part no.	Mounting equipment
10.1		**5969811** **5958367**	Mounting plate for A2+ Mounting plate for A4+
10.2		**5958365** **5965929** **5971136** **5xxxxxx****	Profile 40 Profile 80 Profile 120 Profile L
10.3		**5961203**	Base plate 500x255
10.4		**5947400**	Floor stand 1600
10.5		**8914422** **8913693** **8914423**	Printer holder for A2+ Printer holder for A4+ Printer holder for A6+

		Part no.	Label software
11.7		**5588000** **5588001** **5588100** **5588101** **5588150** **5588151** **5588152** **5588002** **5588105** **5588106** **5588155** **5588156** **5588157** starting 1st quarter 2015	cablabel S3 Lite cablabel S3 Pro 1 WS cablabel S3 Pro 5 WS cablabel S3 Pro 10 WS cablabel S3 Pro 1 additional licence cablabel S3 Pro 4 additional licences cablabel S3 Pro 9 additional licences cablabel S3 Print 1 WS cablabel S3 Print 5 WS cablabel S3 Print 10 WS cablabel S3 Print 1 additional licence cablabel S3 Print 4 additional licences cablabel S3 Print 9 additional licences cablabel S3 Print Server
11.10		**9008486**	Programming manual en, printed copy

cab product range at a glance

Label printer EOS1
The compact one for
label rolls up to 155 mm diameter

Label printer EOS4
The cost-effective one for
label rolls up to 210 mm diameter

Label printer EOS mobile
Both EOS sizes with
battery pack for mobile print

Label printers A$^+$ series
The universal ones

Label printer A4$^+$M
With centered material positioning

Label printer A4$^+$T
With centered material positioning
also for textile materials

Label printers XD4, XD4T
Double-sided printing

Label printers XC series
Two-color printing

Label dispenser HS
Precise and easy horizontal
dispensing up to 180 mm width

Label dispenser VS
Precise and easy vertical
dispensing up to 180 mm width

Print and apply system Hermes$^+$
For automation

Print modules PX series
For integration into
automatic labeling systems

Consumables
Precise printing with cab labels
and ribbons

Label software cablabel S3
Standard and optional

Laser marking system FL$^+$ series
Precise and fast

Laser safety housing
The industrial solution

① Headquarter and fabrication in Germany

② to ⑦ International subsidiaries

There are furthermore 820 distribution partners in more than 80 countries.

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