cab
we identify more

a+- and *X*-Series Label Printers

Made in Germany

CONTENTS

*For current data
please refer to our website
www.cab.de/labelprinter*

*Scan the QR-Code
with your smartphone to get more
information about cab label printers*

Printers for industrial demands

Our professional printers are used in a wide variety of applications. During development, we focused first and foremost on simple and convenient operation coupled with high reliability. The printing units and housings are made of high-quality materials and are perfectly matched in terms of their form and function. Extensive peripherals and software enable customized solutions – any time.

Regardless of whether the A+ printer 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 fast job processing and immediate label output.

Accurate and fast output of small and large labels

PCB label
Smallest label size measuring 4 x 4 mm, if there is only little space available.

Nameplates
Sharp fonts, graphics and barcodes with 600 dpi.

Shipping and pallet labels
Labels up to standard A4 format.

Overview types of industrial printers A⁺ series

The Sleek
For small labels with high printing accuracy.

1.1	Label printer	A2⁺	
	Print resolution dpi	300	600
	Print width up to mm	54,2	57
	Print speed up to mm/s	150	100

The Universal
Our top-seller with high printing accuracy and an extensive range of accessories.
A4.3⁺ preferably for thermal direct printing.

1.2	Label printer	A4⁺			A4.3⁺	
	Print 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
Ideal for Odette- and UCC labels.

1.3	Label printer	A6⁺	
	Print resolution dpi	203	300
	Print width up to mm	168	162,6
	Print speed up to mm/s	200	200

The Extra Wide
For pallet and drum labeling.

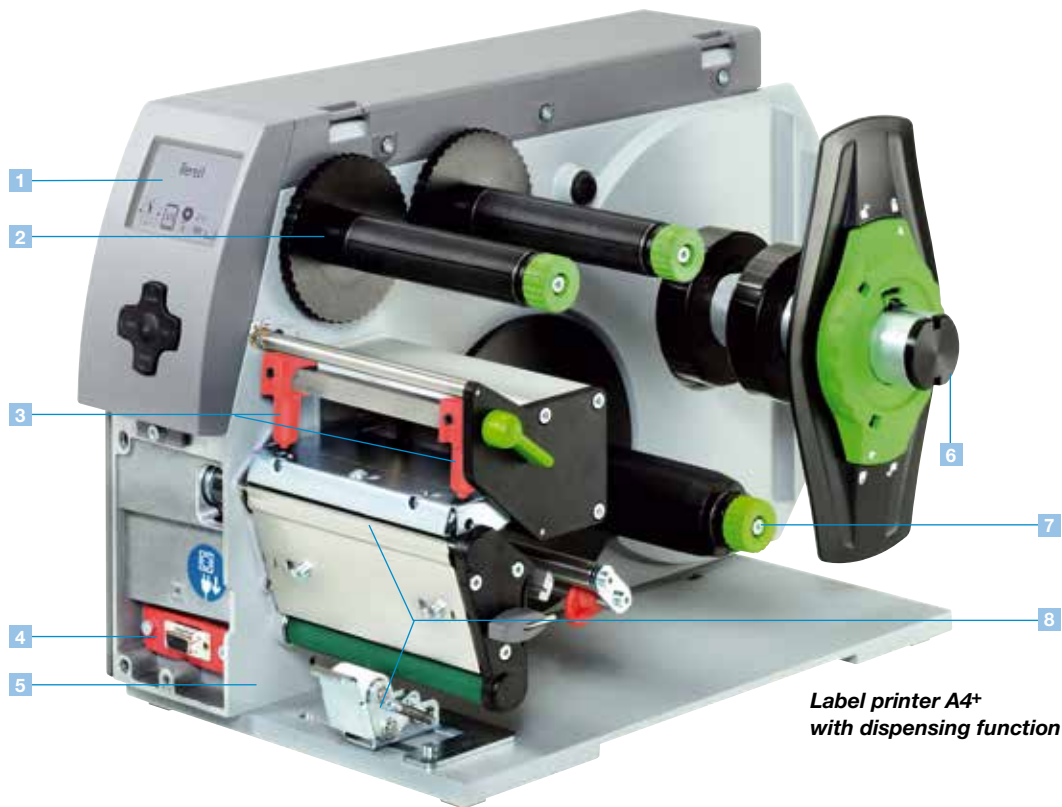| 1.4	Label printer	A8⁺
	Print resolution dpi	300
	Print width up to mm	216
	Print speed up to mm/s	150

Basic version
For printing on labels and and continuous material. The material is torn off at the jagged tear-off edge. Optionally, it may be cut off or rewound externally.

Dispensing version
For printing and dispensing labels. The label is removed from the liner during the printing process by utilizing the internal rewinder. It can be removed manually, by applicator or robot.

Common details

Label printer A4⁺ with dispensing function

1 **White graphic display**
With 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 is pushed to the right label margin.

4 **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.

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

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

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

8 **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.

Compact cover

The 2-part cover made of impact-resistant ABS plastic folds up when opened.

1.11 Metal cover

On request, the A4⁺ and A6⁺ transfer printers are also available with a metal cover. (as standard for the A8⁺).

For special demands

With centered material guide

Preferred for small and thick endless materials like flattened tubes, tapes or very small labels.

- No adjustment of the printhead for different widths of material
- Printing on very small or very thick continuous materials
- Print speed for difficult to print materials is reducible
- Operation and control are compatible with the A$^+$ series

1.5	Label printer	A4$^+$M	
	Print 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 via two stacked printing units. Preferred for flattened tubes, continuous or prefabricated, and paper, synthetic or cardboard materials.

- No adjustment of the printhead for different widths of material
- Printing on very small or very thick continuous materials
- Print speed for difficult to print materials is reducible
- Operation and control are compatible with the A$^+$ series

1.6	Label printer	XD4
	Print resolution dpi	300
	Print width up to mm	105,6
	Print speed up to mm/s	125

Accessories

Cutter
Used to cut paper, self-adhesive labels, cardboard, textile or synthetic materials and heat shrink tubes.
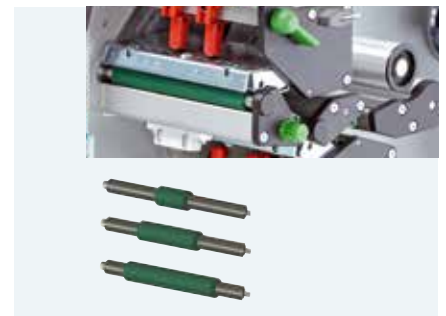
Perforation and cutter
Used to enable the perforation of the material for manual separation.
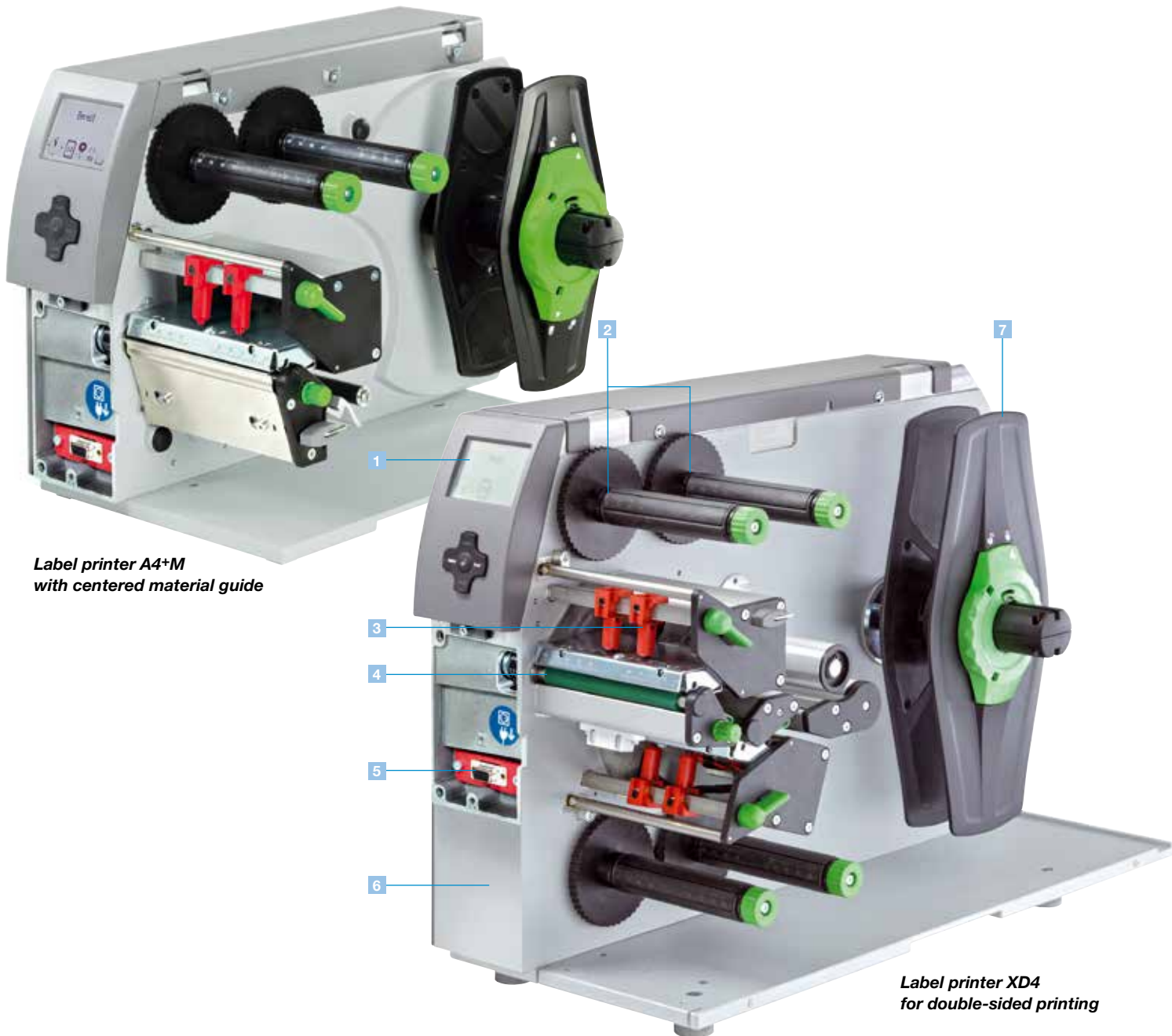
Stacker with cutter
The printed materials are cut and stacked. The print job is stopped as soon as the maximum stack height is reached. Even stiff or curved materials may be processed to some extent.
We recommend to do the material testings at our facilities.

Print rollers for small and thin materials
Outside the material width the printhead rubs against the print rollers.
The small print rollers are used to avoid feeding errors and wear on printhead and print roller due to rubbing. Three different standard widths are available from stock, non-standard widths are manufactured to order.

Common details

*Label printer A4+M
with centered material guide*

*Label printer XD4
for double-sided printing*

1 Big graphic display
White backlight for optimum readability.

2 Ribbon holder
Simple and centered insertion of the ribbon with the three-part tightening axles. The imprinted rule on spindle simplifies ribbon positioning.

3 No printhead adjustment
The printhead is pressed down with two sliding toggles. Due to the centre alignment of the materials there is no need to do adjustments and settings at the printhead.

4 Material guide
Precise printing as the material guide is located directly behind the print roller. The width is automatically adjusted and centered 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
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 diameters wider than 76 mm for improved label winding). The material is automatically centered. The spring-mounted margin stop ensures constant tension during feeding, thus ensuring a highly precise imprint.

For textile materials

Single-sided printing

Particularly suitable for textile materials. The additionally installed drive roller after the printhead enables the textile material to be reliably separated from the transfer ribbon.
- No adjustment of the printhead for different widths of material
- Print speed for difficult to print materials is reducilbe
- Operation and control are compatible with the A$^+$ series

1.7	Label printer	A4+T
	Print resolution dpi	300
	Print width up to mm	105,6
	Print speed up to mm/s	125

For double-sided printing

For simultaneous front and rear printing of textile materials. The additionally installed drive roller after the printhead enables the textile material to be reliably separated from the transfer ribbon.
- No adjustment of the printhead for different widths of material
- Print speed for difficult to print materials is reducilbe
- Operation and control are compatible with the A$^+$ series

1.8	Label printer	XD4T
	Print resolution dpi	300
	Print width up to mm	105,6
	Print speed up to mm/s	125

We are glad to assist you in the optimum selection of transfer ribbons for the label material.

Accessories

Cutter
Used to cut paper, self-adhesive labels, cardboard, textile or synthetic materials and heat shrink tubes.
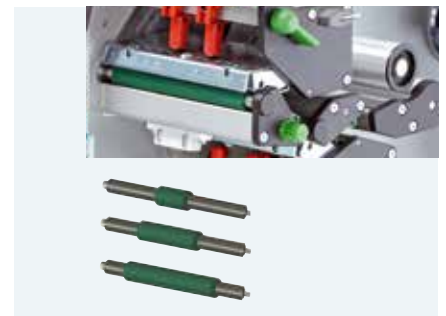
Perforation and cutter
Used to enable the perforation of the material for manual separation.

Stacker with cutter
The 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 are pleased to do the material testings at our facilities.

Print rollers for small and thin materials
Outside the material width the printhead rubs against the print rollers.
The small print rollers are used to avoid feeding errors and wear on print head and print roller due to rubbing. Three different standard widths are available from stock, non-standard widths are manufactured to order.

Common details
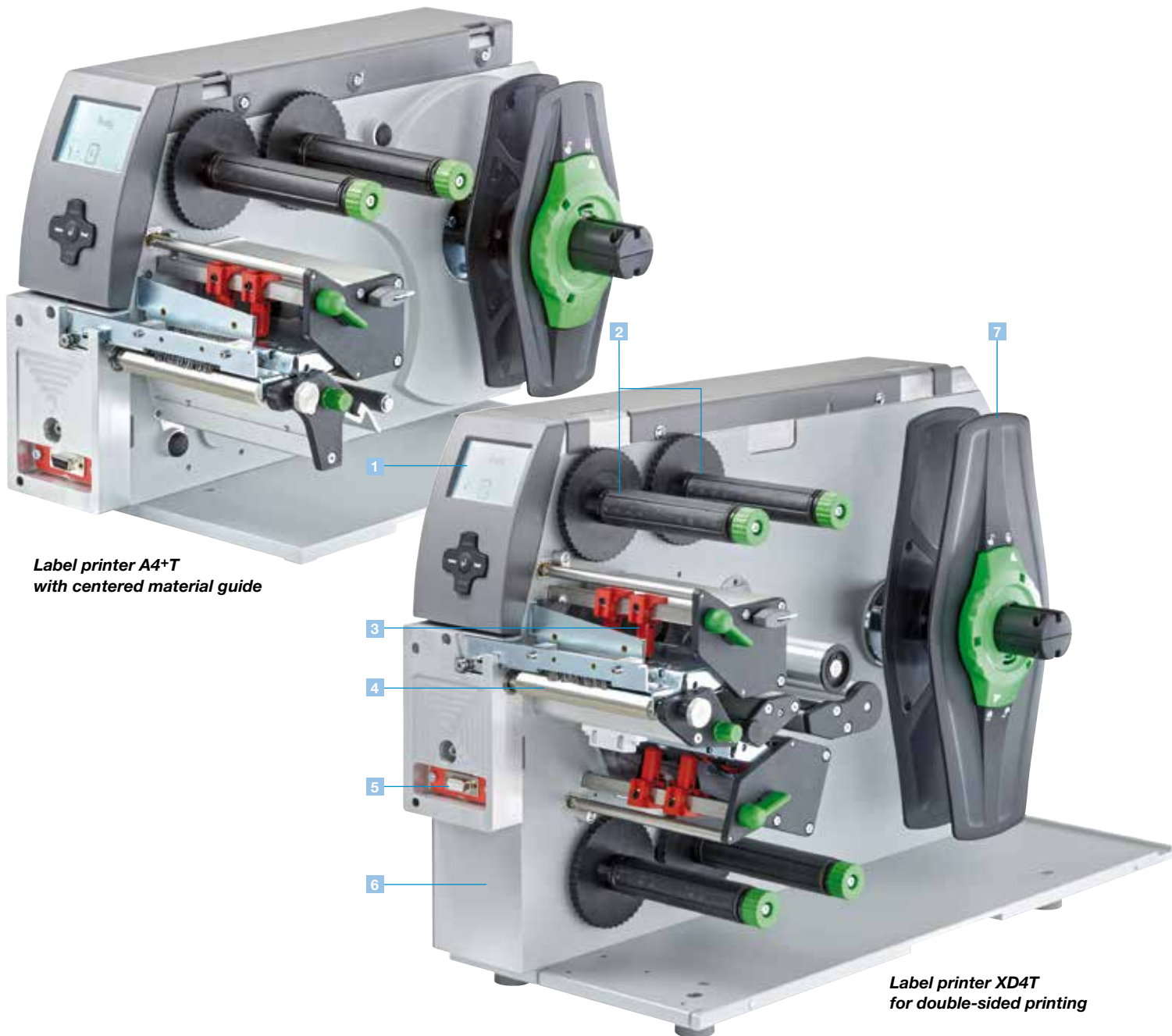
*Label printer A4+T
with centered material guide*

*Label printer XD4T
for double-sided printing*

1 Big graphic display
White backlight for optimum readability.

2 Ribbon holder
Simple and centered insertion of the ribbon with the three-part tightening axles. The imprinted rule on spindle simplifies ribbon positioning.

3 No printhead adjustment
The printhead is pressed down with two sliding toggles. Due to the centre alignment of the materials there is no need to do adjustments and settings at the printhead.

4 Separator roller
The additionally installed separator roller enables the textile material to be reliably separated from the transfer ribbon.

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

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 diameters wider than 76 mm for improved label winding). The material is automatically centered. The spring-mounted margin stop ensures constant tension during feeding, thus ensuring a highly precise imprint.

The special ones for two-color printing

For two-color printing
- Two in-line arranged thermal transfer print units for simultaneous two-color printing in one label
- 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 a diameter of 300 mm
- The two print units with ribbon holder, operation panel and electronics are adopted from the proven A$^+$ series

1.9	Label printer	XC4
	Print resolution dpi	300
	Print width up to mm	105,6
	Print speed up to mm/s	125

1.10	Label printer	XC6
	Print 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 optimum selection of transfer ribbons for the label material.

Accessories

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

Perforation and cutter
(only for XC4). Used to enable the perforation of the material for manual separation.

Stacker with cutter
(only for XC4). The 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 do the material testings at our facilities.

Common details

1 Big graphic display
White backlight for optimum readability.

2 Ribbon holder
Simple and centered insertion of the ribbon with the three-part tightening axles. The imprinted rule on spindle simplifies ribbon positioning.

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

4 Peripheral connection
Add-on modules are easy to connect. All peripherals are connected to the printer in seconds using two pins and fixed in place with a screw.

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

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

7 Ribbon saver for printhead 1
The ribbon saver is used for labels to be partially printed. The printhead 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 a reliable feeding to the print unit.

Technical data

Legend: ■ Standard   □ Option

Label printer	A2+ (1.1)	A4+ (1.2)	A6+ (1.3)	A8+ (1.4)	A4+M (1.5)	XD4 (1.6)	A4+T (1.7)	XD4T (1.8)	XC4 (1.9)	XC6 (1.10)
Print head										
Print method — Thermal transfer	■ / ■	■ / ■ / ■	■ / ■	■	■ / ■	■	■	■	■	■
Print method — Thermal direct	■ / –	■ / ■ / –	■ / ■	■	■ / –	–	–	–	–	–
Print resolution dpi	300 / 600	203 / 300 / 600	203 / 300	300	300 / 600	300	300	300	300	300
Print speed up to mm/s	150 / 100	250 / 250 / 100	200 / 200	150	125 / 100	125	125	125	125	125
Print width 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	162,6
Material										
Labels or fanfolded	Paper, cardboard, textile, plastics such as PET, PE, PP, PI, PVC, PU, acrylate									
Continuous rolls	Paper, cardboard, textile, plastics such as PET, PE, PP, PI, PVC, PU, acrylate								–	–
Material thickness mm / weight g / m²	0,05 - 0,8 / 60 - 300								0,05 - 0,2 / 60 - 180	
Width labels[1] mm	4 - 63	20 - 116	46 - 176	46-220	4 - 106	–	4 -106	–	20-116	46-176
Width continuous material / liner mm	24 - 67	24 - 120	50 - 180	50-235	10 - 110				24-120	50-180
Width continuous material mm	24 - 67	24 - 120	50 - 180	50-235	10 - 110				–	–
Width continuous shrink tube mm	10 - 67	25 - 85	–	–	4 - 85	4 - 85		–		–
Height[1] without back-feed from mm	4	4	6	10	5	20	5	20	20	20
Height[1] when dispensing[1] from mm	12	12	25	–	–	–	–	–	–	–
Height[1] up to mm	5000 / 2000	5000 / 4000 / 1000	4000 / 3000	2000	4000 / 1000	2000	4000	2000	2000	1500
Media roll Outside diameter up to mm	205	205	205	205	205	300	205	300	300	300
Media roll Core diameter mm	38 - 100								76	76
Media roll Winding	Outside or inside									
Ribbon										
Ink	Outside or inside									
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
Ribbon length variable up to m	500	500	500	360	500	360	500	360	360	360
Width[2] up to mm	57	114	165	220	114	114	114	114	114	165
Internal rewinder (only for peel-off version)										
Outside diameter up to mm	142			–						
Core diameter mm	38,1			–						
Winding	Only outside			–						
Dimensions Printer										
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 the bottom / optional from the top				For print marks						
Distance to locating edge mm	5 - 26	5 - 53	5 - 53	5 - 53	–	–	–	–	5 - 53	5 - 53
Distance from center to the left mm	–	–	–	–	0 - 53	0 - 53	0 - 53	0 - 53	–	–
Electronics										
Processor 32 Bit 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 802.11b/g WEP/WPA PSK (TKIP)	□					□				
2 x USB master for external operation panel, keyboard, scanner, service key, USB flash drive	■					■				
Operating data										
Power supply	100 - 240 V ~ 50 / 60 Hz, PFC									
Power consumption	100 - 300 W depending on type of printer									
Temperature / humidity — Operation:	+ 5 - 40°C / 10 - 85% not condensing									
Temperature / humidity — Stock:	+ 0 - 60°C / 20 - 85% not condensing									
Temperature / humidity — 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. These applications need to be tested and approved.

[2] The ribbon should roughly be the same width as the label in order to avoid folding.

Operation panel	
Buttons/LED display	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor
LCD graphic display	Width 60, Height 40 mm, Text 4 lines, approx. 20 characters per line

Settings		
	Digital or analog clock	Time
	System settings	Date
	Print parameters	Interfaces
	25 language settings	Security

On the Display		
	Data reception	Clock
	WLAN field intensity	Date sheet
	Ethernet status	abc Debug
	Used memory	Input buffer
	Temperature printhead	Remaining ribbon
	Access to memory card	

Monitoring	
Stop printing if	End of ribbon
	End of labels
	Printhead open
	Final position not reached

Test routines	
System diagnosis	When switched on, including printhead testing
Short status, status print	Font list, device list, WLAN Status, label profile, test grid, monitor mode, PPP status
Status reports	Status printout with information about settings, e.g. print length counter, runtime counter, etc. Request of status via software command. 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 internally available, loadable TrueType fonts. Thai and Chinese (simplified Chinese) available as option.
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 up to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All West and East European Latin, Cyrillic, Greek, Hebrew and Arabic characters are supported. Thai and Chinese available as option.
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, inverse, 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
	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	■
System diagnosis/ administration	Printer monitoring	■
	Network Manager	□
Label software	cablabel® S3 Lite	■
	cablabel® S3 Viewer	■
	cablabel® S3 Pro	□
Windows driver certified	32 / 64 bit für	
	Windows XP Server 2003 Windows Vista Server 2008 Windows 7 Server 2008 R2 Windows 8 Server 2012 Windows 8.1 Server 2012 R2	■
Mac- driver*	OS X printer driver from version 10.6	■
Linux driver*	32/64 Bit from CUPS 1.2	■
Stand-alone-operation		■
*only A+ series		

Accessories - overview

● Typical   ○ Possible   ■ Standard   □ Option

	Extras	Basic device	Dis-pensing	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 roller DR4M-25, 50, 80	●	-	-	-	-	-	□	□	□	□	-	-
2.3	Reflective label sensor from the top	●	●	□	□	□	□	-	-	-	-	-	-
2.4	Adapter 100 mm Ø	●	●	□	□	□	□	□	□	□	□	-	-
2.5	Memory card	●	●	□	□	□	□	□	□	□	□	□	□
2.6	Standard keyboard USB	●	●	□	□	□	□	□	□	□	□	□	□
2.7	External operation panel	●	●	□	□	□	□	□	□	□	□	□	□
2.8	Pause adapter PS7 - interrupt print job	●	○	□	□	□	□	□	-	-	-	-	-
2.9	Tester CC for linear and 2D barcodes	●	●	□	□	□	-	-	-	-	-	-	-
	Interfaces												
3.1	Centronics Interface	●	●	□	□	□	□	□	-	□	-	-	-
3.2	RS422 / RS485 Interface	●	●	□	□	□	□	□	-	□	-	-	-
3.3	Label selection – I/O box	●	●	□	□	□	□	□	□	□	□	□	□
3.4	WLAN card 802.11 b/g	●	●	□	□	□	□	□	□	□	□	□	□
	Connecting cable												
4.1	Cable RS232 C, 9/9-pin, length 3 m	●	●	□	□	□	□	□	□	□	□	□	□
4.2	Patch cable CAT 5e, length 3 m, gray	●	●	□	□	□	□	□	□	□	□	□	□
	Cutting, perforating, stacking labels												
5.1	Cutter CU	●	○	□	□	□	□	□	□	□	□	□	□
5.2	Cutter tray	●	○	-	□	-	-	□	-	-	-	-	-
5.3	Perforation cutter PCU4	●	○	-	□	□	-	□	□	□	□	○	-
5.4	Stacker with cutter ST4 / L	●	○	-	□	-	-	-	-	-	-	□	-
5.4	Stacker with cutter ST4 / M	●	-	-	-	-	-	□	□	□	□	-	-
5.5	Base frame A4+	●	-	-	□	-	-	□	-	□	-	-	-
	Rewinding, 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 rewinder for rolls up to 300 mm Ø	●	○	□	□	□	□	□	□	□	□	□	□
	Dispensing labels												
7.1	Peel-off adapter on request	-	●	□	□	□	-	-	-	-	-	-	-
7.2	Extended peel-off plate	-	●	□	□	□	-	-	-	-	-	-	-
7.3	Present sensor PS6 for manual operation or on request	-	●	□	□	□	-	-	-	-	-	-	-
7.4	Present sensor PS8 for manual operation	-	●	□	□	□	-	-	-	-	-	-	-
7.5	Present sensor PS9 variable	-	●	□	□	-	-	-	-	-	-	-	-
	For dispensing labels												
8.1	Manual 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-round labeling	-	●	□	□	-	-	-	-	-	-	-	-
9.3	Applicator A1000	-	●	□	□	□	-	-	-	-	-	-	-
9.4	Tamp pad A1021 W x H	-	●	□	□	□	-	-	-	-	-	-	-
9.4	Universal tamp pad A1021 70 x 60	-	●	□	□	○	-	-	-	-	-	-	-
9.4	Universal tamp pad A1021 90 x 90	-	●	-	□	○	-	-	-	-	-	-	-
9.5	Tamp pad A1321 W x H	-	●	-	□	□	-	-	-	-	-	-	-
9.5	Universal tamp pad A1321 116 x 102	-	●	-	□	○	-	-	-	-	-	-	-
9.5	Universal tamp pad A1321 116 x 152	-	●	-	□	○	-	-	-	-	-	-	-
9.6	Blow pad A2021 W x H	-	●	□	□	□	-	-	-	-	-	-	-
9.7	Roll-on pad	-	●	-	□	□	-	-	-	-	-	-	-
9.8	Applicator A3200	-	●	□	□	-	-	-	-	-	-	-	-
9.9	Tamp pad A3221 W x H	-	●	□	□	-	-	-	-	-	-	-	-
9.10	Blow pad A3221 W x H	-	●	□	□	-	-	-	-	-	-	-	-
	For dispensing labels and applicators												
10.1	Mounting plate	-	●	□	□	-	-	-	-	-	-	-	-
10.2	Profile 40 / 80 / 120 mm	-	●	□	□	-	-	-	-	-	-	-	-
10.3	Base plate 500 x 255	-	●	□	□	-	-	-	-	-	-	-	-
10.4	Floor stand 1600	-	●	□	□	□	-	-	-	-	-	-	-
10.5	Printer holder A2+ / A4+ / A6+	-	●	□	□	□	-	-	-	-	-	-	-
	Software												
11.7	Label software cablabel® S3 Lite	●	●	■	■	■	■	■	■	■	■	■	■
	Label software cablabel® S3 Pro	●	●	□	□	□	□	□	□	□	□	□	□
11.4	Database Connector	●	●	■	■	■	■	■	■	■	■	■	■
11.6	Administration Network Manager	●	●	□	□	□	□	□	□	□	□	□	□
11.10	Programmer's guide	●	●	□	□	□	□	□	□	□	□	□	□

Accessories-special equipment, interfaces, connecting cables

Extras	Product
2.1	**Metal cover** On request, the label printers A4$^+$ and A6$^+$ are available with metal cover. (supplied with A8$^+$ as standard).
2.2	**Print roller DR4-M25** For small and thin materials up to a width of 25 mm.
	Print roller DR4-M50 For very thin materials from a width of 20 up to 50 mm.
	Print roller DR4-M80 For very thin materials up to a width of 80 mm.
2.3	**Reflective label sensor** from top
2.4	**Adapter 100 mm Ø** To keep the 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 USB** Connection: USB, number of keys: 115
2.7	**External operation panel** If the operation panel is not accessible, e.g. after installation within a facility, an external panel can be installed. Additional slots are available for a CF memory card Type 1 and a host interface.
2.8	**Pause adapter PS7** For printing in a label loop. The print job is stopped by the pause signal. The label being printed is finished first. **I/O Interface:** **Inputs:** **Outputs:** no print job Pause, external error printer not ready, print job active
2.9	**Tester CC for linear and 2D barcodes** The camera tests readability or contents of the horizontally and vertically printed barcodes directly after printing. If the code is faulty the print job is stopped and the label is removed. The Tester CC can be used together with the tear-off mode, dispensing mode or with the external rewinder. Please refer to the Operation Manual for further details.

Interfaces	Product
3.1	**Centronics Interface** bi-directional acc. to IEEE 1284
3.2	**Interface RS422/RS485** 1.200 up to 230.400 Baud/8 Bit
3.3	**Label selection box – 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 enables via abc programming to realize easy programming of the PLC with the 4 in- and outputs.
3.4	**WLAN card 802.11 b/g**

Connecting cable	
4.1	**Connecting cable RS232 C** 9/9 pin, length 3 m
4.2	**Patch cable CAT5e**, 3 m, gray

Accessories - cutting, perforating, stacking labels

5.1

5.2

Cutter CU
The cutter is used to cut paper, self-adhesive labels, cardboard, textiles or plastics and heat shrink tubes.

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

Cutter	CU2		CU4	CU6	CU8
Used for printer model	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, if			Final position of cutter not reached		
Cutter tray 4 for A4$^+$ / A4$^+$ M					
Label height up to mm			100		

5.3

Perforation cutter and cutter PCU4
The perforation cutter enables additionally perforating the material for manual separation later on.

Perforation cutter and cutter	PCU4
Used for printer model	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, if	Final position of cutter not reached
Perforating: Web width mm	0,5
Web distances mm	2,5 or 10

5.4

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

Stacker with cutter	ST4 / L	ST4 / M
Used for printer model	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, if		Final position of cutter not reached, cover open, stack height reached
Pile height up to mm		100

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

5.5
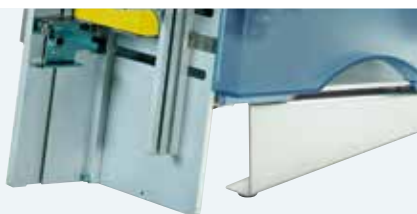
Base frame A4+
The base frame is used to place the devices on the table in any position.

Accessories - rewinding, unwinding labels

Rewind guide plate RG for internal rewinding

Internal rewinding is done by using the dispensing printer.
In this case, the peel-off plate is replaced by the rewind guide plate.

Rewind guide plate	RG2	RG4
Application	A2$^+$ dispensing version	A4$^+$ dispensing version
Material width up to mm	67	120

External rewinder ER1/2/3 for direct printer connection

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

External rewinder	ER1 / 210		ER2 / 210	ER3 / 210
Application	A2$^+$	A4$^+$	A6$^+$	A8$^+$
Material width up to mm	67	120	180	235
Roll Ø max. mm	205	205	205	205
Core Ø mm	40 / 76			
Label winding	outside or inside			
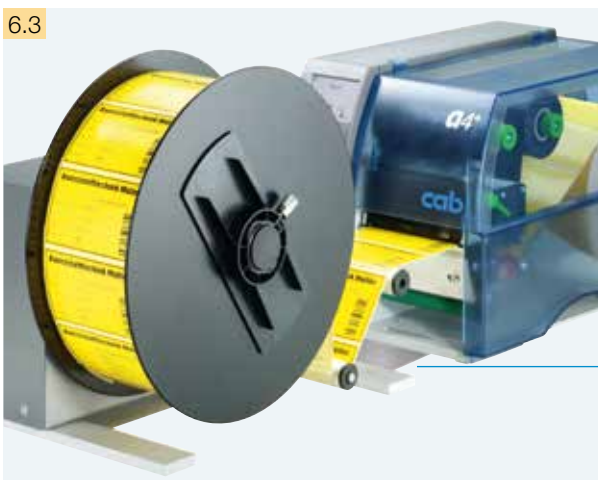
External rewinder ER4/6/8 with built-in power supply

The rewinder may be attached to any other printer.
All other technical data comply with rewinder ER1/2/3.

External rewinder	ER4 / 210		ER4 / 300		ER6/300	ER8/300
Application	A2$^+$	A4$^+$, A4$^+$M A4$^+$T, XC4 XD4, XD4T	A2$^+$	A4$^+$, A4$^+$M A4$^+$T, XC4 XD4, XD4T	A6$^+$, XC6	A8$^+$
Material width up to mm	67	120	67	120	180	235
Roll Ø max. mm	205	205	300	300	300	300
Core Ø mm	40 / 76					
Label winding	outside or inside					
Operating voltage	100 – 240 V~ 50 / 60 Hz					
Connecting set for	ER / EU					
Adapter for XC4 / XC6	RG4		RG4		RG6	–

External unwinder EU4/6/8

The unwinder ensures a smooth label feed for heavy rolls. Both inside and outside wound rolls may be used.

External unwinder	EU4 / 300		EU6 / 300	EU8 / 300
Application	A2$^+$	A4$^+$, A4$^+$M, A4$^+$T	A6$^+$	A8$^+$
Material width up to mm	67	120	180	235
Roll Ø max. mm	300	300	300	300
Core Ø mm	40 / 76			
Label winding	outside or inside			

Accessories - dispensing labels

1 Label printers (Type „P") for dispensing labels additionally need to have a present adapter or a present sensor. Different types for either manual operation, or on demand with hand switch, foot switch or an external signal are available.

	Product

7.1	**Present 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:** **Outputs:**
	                          Start No print job
	                          Label removed Printer not ready
	                          External error Print started
	                                                           Label in dispensing position

7.2	**Extended peel-off plate** only in connection with present adapter PS5 or an applicator. For labels particularly difficult to remove from liner the peel-off plate with rewind guide plate, extended by 10 mm, is used.

7.3	**Present sensor PS6 for manual other automatic operation**
	1. 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.
	2. Automatic operation
	Dispensing at automatic operation either via hand switch or foot switch, or via external signal according to PS5.
	I/O Interface: **Inputs:** **Outputs:**
	                          Start No print job
	                          External error Printer not ready
	                                                         Print started
	                                                        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 odd shaped labels where the leading edge of the label is not on the left edge where the PS8 can detect it, ex. round labels. The extension is customized.

Accessories - dispensing labels

for	Present adapter PS5	Dispensing module 5100A
	Present sensor PS6	Applicator A1000
	Pause adapter PS7	Applicator A3200

		Product
8.1		**Hand switch TR1** Printing and dispensing on demand.
8.2		**Foot switch** Printing and dispensing on demand.
8.3		**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 dispensing adapter PS5

To apply labels on packaging 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
Application	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 synchronized speed to printer	

All-round print and apply system

Together with the A1000 applicator the all-round print and apply system enables to apply labels on cylindrical objects around the entire circumference of 360°. The product is put on the rolls and labeling is started via hand or foot switch.

All-round labeler	
Application	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

Together with the A2[+], A4[+] and A6[+] printers the A1000 applicator means a cost-effective solution for both semi-automatic operation and for integration into automated 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. 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

The microfilters prevent contamination, the compressed air regulator ensures the 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 10N (1 kg) for highly sensitive products and packaging. To avoid contamination of the vacuum holes, these are cleaned with air pressure after each application.
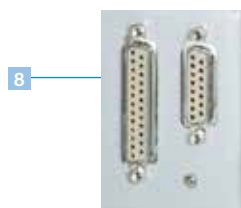
6 Label sizes

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

7 Supporting air

is used for blowing the label to the pad.

8 Digital I/O Interface for applicator

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	Printer without 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
Application	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		

Accessories - Applicator A1000

9.4

Tamps

Labels are applied on the tamp and held by vacuum. The applicator then moves the tamp with label to the product.
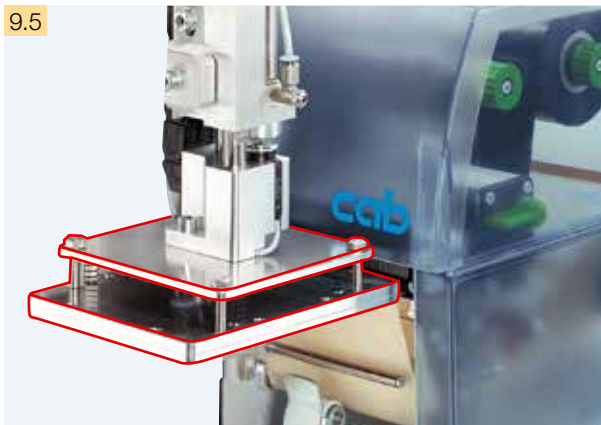
Universal tamp pad

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 pad		Tamp pad		
	A1021 / 70 x 60	A1021 / 90 x 90	A1021 / W x H		
Application	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					

9.5

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 pad		Tamp pad	
	A1321 / 116 x 102	A1321 / 116 x 152	A1321 / W x H	
Application	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			

9.6

Blow pad

The label can be blown on in case of pressure-sensitive products. The blow pad moves to a fixed heigth. The product to be printed is positioned about 10 mm below.

| Blow pad	A2021		
Application	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 moving		

9.7
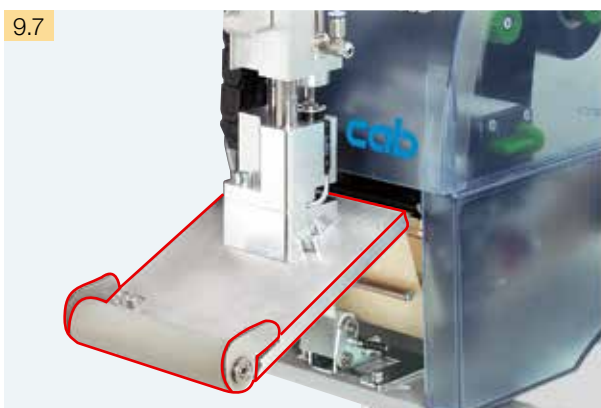
Roll-on pad

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	
Application	A4+	A6+
Label width mm	25 - 116	50 - 176
Label height mm	80 - 200	80 - 200
Product surface	flat	
Product height	variable	
Product during labeling	moving	

Applicator A3200
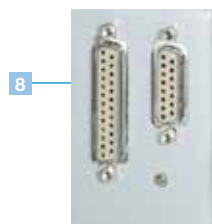
Applicator A3200 – Real time application

The A3200 applicator is used to automatically apply labels that are printed with the A2+ / A4+ printer.

A rotary cylinder allows positioning the label between 45° and 95° which is then 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
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
The microfilters prevent contamination, the compressed air regulator ensures the 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 10N (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 a width of 4 – 116 mm and a height of 5 – 80 mm can be applied.

[7] Supporting air
is used for blowing the label to the pad.

[8] Digital I/O Interface for applicator
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	Printer without job
External error	Collective alarm
Stop (external error)	Home position reached
External reset only for 25 pin	Labeling position reached
	Labeling error

Applicator	A3200
Application	A2+ / A4+
Rotary cylinder°	45 - 95°
Lifting cylinder mm	up to 30
Compressed air bar	4,5

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

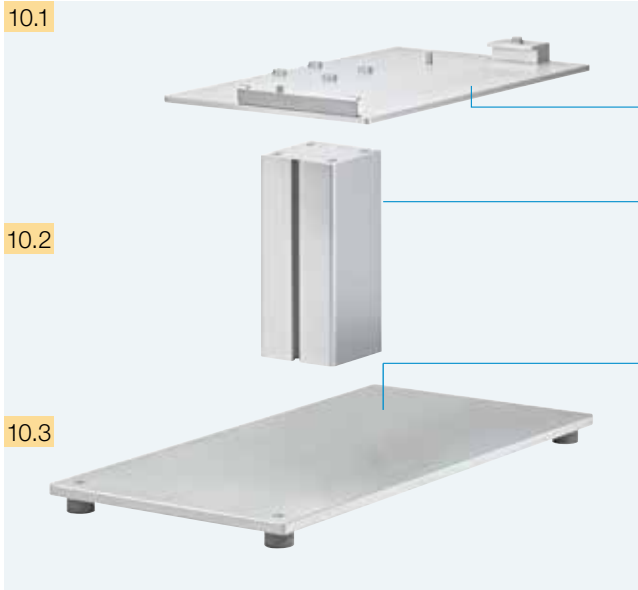|	Tamp pad A3221		Blow pad A3221	
	A2+	A4+	A2+	A4+
Application	A2+	A4+	A2+	A4+
Label width mm	4 - 63	20 - 116	10 - 63	20 - 116
Label height mm	5 - 80		10 - 80	
Product surface	flat			
Product during labeling	not moving		in motion	

9.9

9.10

9.10

22

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 are 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: 500 x 255 mm.

Floor stand

The 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 destination.

Printer holder

Floor stand	1600
Total height mm	1600
Labeling height up to mm	1400
Projection until middle of label mm	230 - 500
Chassis: Width x depth x height mm	600 x 860 x 140

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

23

Label software cablabel® S3

The goal of cablabel® S3 is to concentrate the label design, print control and monitoring of all cab marking systems into one software package. The software will also be in sync with future developments of new devices and features.

Highlights

cablabel® S3 features the full potential of the cab devices like no other available software: the software utilizes the JScript code to the full extent. cablabel® S3 Pro can imports existing JScript files, so you can switch over from R2+ seamlessly. With the new layer technology the user designs a label which works for all established devices and resolutions. The intelligent print control evaluates the device and label parameters to reduce possible sources of error.

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 data base connections. The software also supports the stand-alone feature as well using the same method. In Addition the software creates interfaces which are easy to handle for the connection to SAP or other peripheral devices like SPC, scales and bar code testers.

Products

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

cablabel® S3 Lite is offered free of costs with every cab printer and allows you to create and print labels. With cost-saving cablabel® S3 Pro you create label designs for technical solutions.

cablabel® S3 Viewer shows the preview of a label in the Windows Explorer and is delivered free of costs with every cablabel® S3. The Viewer may support you for 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 makes only those functions available which are required for label printing: You select the label in a list and get the layout for visual control. Then you enter the variable information and the amount you want to print. This simplifies your work and reduces possible sources of error.

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

Integration

No printer is 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 environment.

Control

Every cab printer can be directly coded with the simple programming language *JScript* and an extensive instruction set. The label software cablabel® S3 supports optimally JScript, but a JScript program 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. balance or a PLC.

11.4 In the stand-alone mode with additional network connection, the *Database Connector* enables printers to access data directly from a central ODBC-, 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 the replace 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 Programm, cab has access to the SAP development environment for optimum printer support in SAP environments.

* SAP is a registered trademark of SAP AG.

11.10 The *Programmer's guide* explains and describes commands for different printer models via direct programming with JScript and abc and additionally the connection of the printer to databases via Database Connector.

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

Monitoring

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 time and date.

11.6 The cab 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.

Stand-alone operation

Printing without PC

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

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

Label formats, fonts, font-, text- and graphics data as well as data base contents are saved or read on the CF memory card, USB stick or internal data memory IFFS.

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

Easy maintenance

Label sensor
If cleaning might come up the label sensor is unlocked and pulled out with slight finger pressure.

Printhead
The printhead may be exchanged in just a few steps.
And no need of doing adjustments and settings.

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

No need for a service technician to perform routine maintenance.

One single tool
For replacing wear parts or mounting peripherals the tool is directly inserted in the printer and at the ready.

Service

Our well-trained service engineers give world-wide support in maintenance and repair of cab printers. Please send your printer to one of cab's service centres or to one of the service partners selected by us. We will check and repair your printer within only a few working days. If requested, we will make a temporary equivalent device available for the time of repair.

Training

We offer training in programming, different software tools, printer drivers and label layout design. We can enhance your knowledge on cab printers to make more effective use of our printers.
We also offer seminars for maintenance and repair.

Delivery program for label printers

		Art.-No.	Hardware	dpi	Art.-No.	Spare parts	Art.-No.	Spare 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 Rew. Ass. 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		
		5954501 5954506	Label printer A4$^+$ / Label printer A4$^+$ /	300 300P	5954072.001	Print head 4 / 300	5954180.001 5954183.001	Print roller DR4 Rew. Ass. roller RR4
		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 Rew. Ass. 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 / 300 Print head 4 / 600	5954180.001 5954183.001	Print roller DR4 Rew. Ass. roller RR4
1.6		5959640	Label printer XD4 /	300	5954072.001	Print head 4 / 300	5954180.001	Print roller DR4
1.7		5954568	Label printer A4$^+$T /	300	5954072.001	Print head 4 / 300	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

		Art.-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
		595xxxx ((•RFID•))	Printer with RFID read-write unit 13,56 MHz

Scope of delivery:
Label marker,
Power cable Type E+F, Length 1,8 m
Connecting cable USB, Length 1,8 m
Operation manual Ge/En

DVD:
Operation manual in 21 different languages (only A$^+$ series),
Operation manual Ge/En/Fr, XD4 / XD4T
Configuration manual Ge/En/Fr,
Service manual Ge/En,
Spare parts list Ge/En,
Programmer's guide En,
Windows printer driver 32 / 64 bit in 19 different 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 driver Ge/En/Fr (only A$^+$ series),
Linux driver Ge/En/Fr (only A$^+$ series),
Label software cablabel S3 Lite
Label software cablabel S3 Viewer

For current data please surf to www.cab.de

Delivery program for accessories

		Art.-No.	Special equipment
2.1		5954012.001 5954013.001	Metal cover A4+ Metal cover A6+
2.2		5953700.001	Print roller DR4-M25
2.2		5953701.001	Print roller DR4-M50
2.2		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 keyboard USB German version
2.7		5954380	External operation panel
2.8		5946146	Pause adapter PS7
2.9		5571005 5571000	Barcode tester CC2 Barcode tester CC4
		Art.-No.	Interfaces
3.1		5954200	Centronics Interface
3.2		5954201	RS422 / RS485 Interface
3.3		5954191	Label selection box – I / O box
3.4		5561041	WLAN Card 802.11 b / g
		Art.-No.	Connecting cables
4.1.		5550818	Connecting cable RS232 C 9 / 9 pin, length 3 m
4.2		5918008	Patch cable KAT 5e, 3 m gray
		Art.-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
5.4		55xxxxx 55xxxxx	Storage table ST4 / L, label WxH Storage table ST4 / M, Label BxH
5.5		5958932	Base frame A4+

		Art.-No.	Rewinding, 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 5966077.001 5966078.001	External rewinder ER4 / 210 External rewinder ER4 / 300 External rewinder ER6 / 300 External rewinder ER8 / 300 Rewind guide plate RG4 XC4 Rewind guide plate RG6 XC6
6.4		5946091 5946421 5945806	External unwinder EU4 / 300 External unwinder EU6 / 300 External unwinder EU8 / 300
		5948170	Connection set for ER / EU
		Art.-No.	Dispensing labels
7.1		5946120	Peel-off adapter PS5 automatic operation
7.2		5958772 5948830 595xxxx	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
		Art.-No.	Accessories for dispensing labels
8.1		5942345	Hand switch TR1
8.2		5535901	Foot switch
8.3		5917652	Interface connector SUB-D plug 15 pin Phoenix Contact 2761606
8.4		5941526	Product sensor to start
8.5		5533240	Testbox 2 Automatic operation

Delivery program for accessories

		Art.-No.	Applicators and dispensing module
9.1		**5949281** **5949265**	Dispensing module A5104 Dispensing module A5106
9.2		**5941345**	All-round print and apply system
9.3		**5949001** **5949002** **5949003**	Applicator A1000-220 Applicator A1000-300 Applicator A1000-400
9.4		**5xxxxxx**	Tamp pad A1021 W x H
		5949072	Universal tamp pad A1021 70 x 60
		5949075	Universal tamp pad A1021 90 x 90
9.5		**5xxxxxx**	Tamp pad A1321 W x H
		5949076	Universal tamp pad A1321 116 x 102
		5949077	Universal tamp pad A1321 116 x 152
9.6		**5xxxxxx**	Blow pad A2021 W x H
9.7		**5xxxxxx**	Roll-on pad A1411 W x H
9.8		**5976050**	Applicator A3200
9.9		**5xxxxxx**	Tamp pad A3221 W x H
9.10		**5xxxxxx**	Blow pad A3221 W x H

		Art.-No.	Accessories dispensing/applicators
10.1		**5969811** **5958367**	Mounting plate A2+ Mounting plate A4+
10.2	 on request	**5958365** **5965929** **5971136** **5xxxxxx**	Profile 40 Profile 80 Profile 120 Profile L
10.3		**5961203**	Base plate 500 x 255
10.4		**5947400**	Floor stand 1600
10.5		**8914422** **8913693** **8914423**	Printer holder A2+ Printer holder A4+ Printer holder A6+

		Art.-No.	Software
11.7		**5588000** **5588001** **5588100** **5588101** **5588150** **5588151** **5588152** **5588002** **5588105** **5588106** **5588155** **5588156** **5588157** from the 1st quarter 2015	Label software 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
11.6		**5580215**	Administration Network Manager
11.10		**9008486**	Programmer's guide, English printed copy

cab delivery program

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

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

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

Label printer A⁺ series
The universal

Label printer A⁺M
with centered material guide

Label printer XD4
double-sided printing

Textile printer A4⁺T
For textile material

Label printer XD4T
double-sided printing of
textile material

Label printer XC4
two-color printing

Label printer XC6
two-color printing

Label dispenser HS
Precise and easy dispensing in
horizontal direction
up to a width of 180 mm

Label dispenser VS
precise and easy dispensing in
vertical direction
up to a width of 180 mm

Print & apply system Hermes⁺
for automation

Print module PX series
for integration into automatic
labeling systems

Labels / Transfer ribbons
precise printing with cab's labels
and transfer ribbons

Label software cablabel® S3
standard and optional software

Laser marking system FL series
Precise and fast

Laser safety housing
The industrial solution

- Headquarters in Germany
- cab offices
  520 partners
  in over 80 countries

cab maintains a presence in the world's major economic areas.

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