PRODUCT MARKING AND BARCODE IDENTIFICATION

Barcode-/Label Printer A+

The Premium Class.

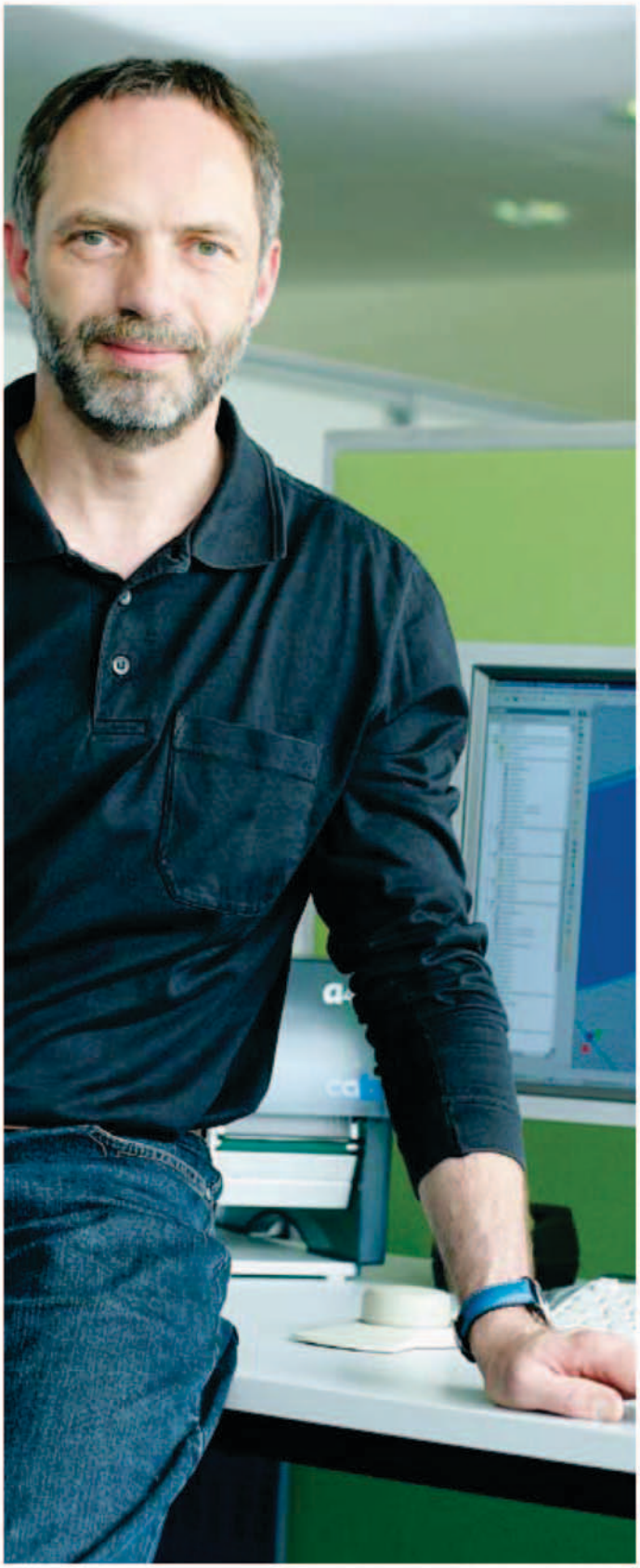
Edition 2

Precision - Made in Germany

For more than 30 years now cab has been developing and manufacturing label marking systems for industry, distribution and services. The constant requirements of changing markets demand innovative ideas and form tomorrow´s products.

Our experience and our aim to make our printers more simple in operation have made cab to a leading manufacturer world-wide.

Made in Germany with a large vertical range of manufacture our quality system is subject to DIN ISO 9001 - from receiving inspection up to consignment.

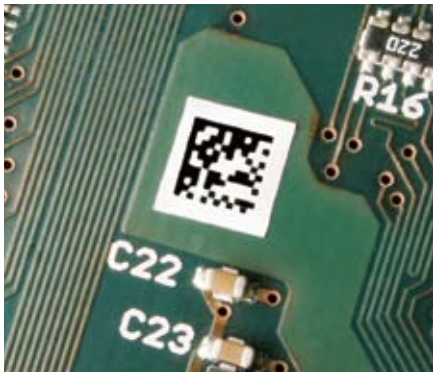


The professional printer for industrial demands

Our professional printers can be used within a broad application range. Our ambition was to create easy handling and high reliability. The print mechanism and the chassis are made of first-class material, perfectly harmonised in form and function. Any specific customer requirement can be realised with the extensive periphery and software. Stand-alone operation, PC-application or mains operation: A+ is the solution – any time.

Small and large labels precise and fast – examples

PCB identification label



Smallest label size 4 x 5 mm, if there is only little space.

Packaging

Labels up to DIN A4 size

Type plates

Pin sharp fonts with 600 dpi.

One concept – four widths
Printing to measure

The small sized material width up to 65 mm

Printing method	Thermal transfer	■
	Thermal direct	■
Print resolution dpi		300
Print width up to mm		54.2
Print speed up to mm/s		150

a2+

The fast allrounder material width up to 120 mm

Printing method						
	Thermal transfer	■	■	■	□	□
	Thermal direct	-	-	-	■	■
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

a4+

203/300/600 dpi

The broad material width up to 180 mm

Printing method	Thermal transfer	■
	Thermal direct	■
Print resolution dpi		300
Print width up to mm		162.6
Print speed up to mm/s		200

a6+

The extra broad material width up to 235 mm

Printing method	Thermal transfer	■
	Thermal direct	■
Print resolution dpi		300
Print width up to mm		216
Print speed up to mm/s		150

a8+

■ Standard □ Option

Precise printing
Elaborate - easy made

1. Big graphic display
White backlight guarantees clearness of display.

2. Ribbon re-winder and un-winder
The threepart tightening axles allow a fast and easy ribbon exchange.

3. Convenient navigator pad
With the interactive menu prompting only the available functions are readable.

4. Easy adjustment
The print head is pressed down with two sliders. One is mounted to the left label margin, the other one is pushed onto the right label margin.

5. Printing with 203, 300 or 600 dpi
In only a few steps the print heads can be replaced. The print heads are identified automatically.

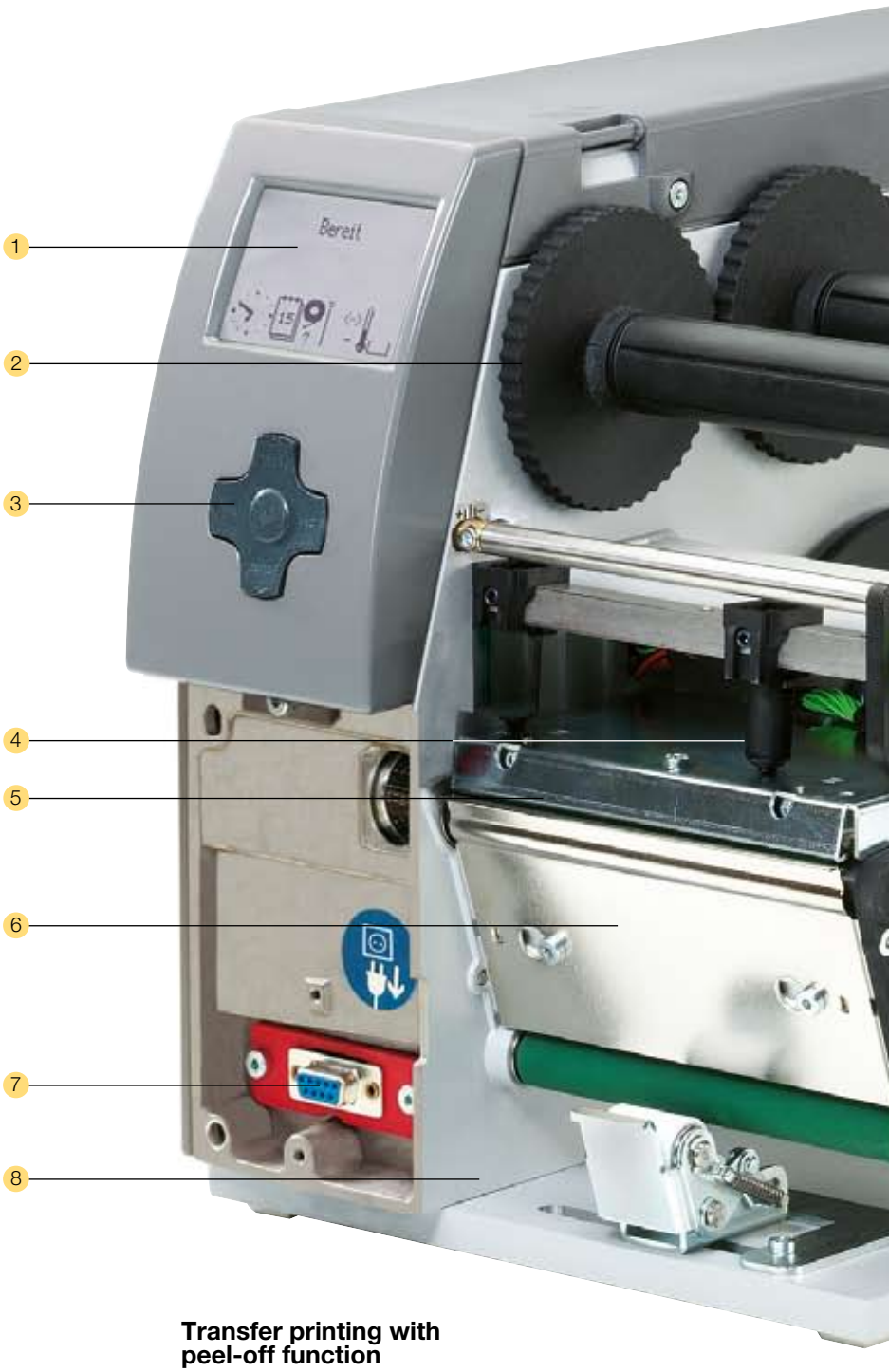
6. Peel-off option
The label is removed via peel-off-plate. A high printing and applying accuracy can be achieved through the additionally powered rewind assistant roller and the pinch roller.

7. Peripheral connection
Add-on modules like cutter, external re-winder, peel-off adapter and applicators can be connected via USB peripheral interface.

8. Solid, buckling resistant chassis
It is made of dye-cast aluminium. All devices are assembled to it.

9. Universal material un-winder
Serially made for core diameters from 38 – 76 mm. The swivelling holder makes it possible to fix even the smallest rolls.

10. Label re-winder
With the threepart tightening axles with adjustable diameter labels or backing paper with or without cardboard core can be rewound and removed easily.



Transfer printing with peel-off function

Easy servicing and removing of consumables

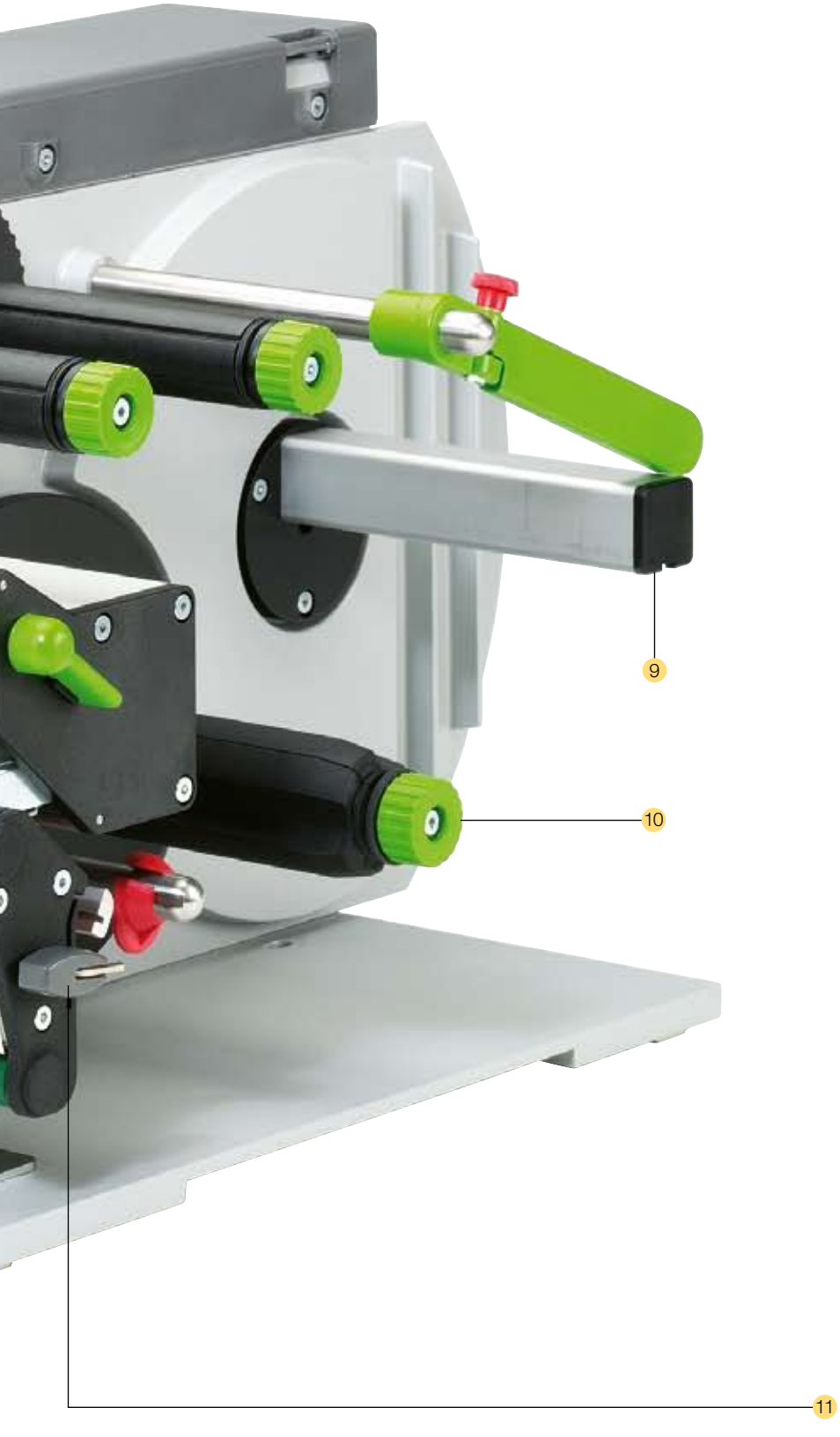


Photo cell

The photo cell can be unlocked with only one finger and can be removed for cleaning.

Printhead

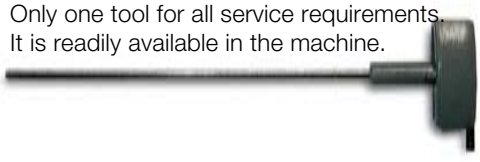
The printhead can be exchanged in only a few steps. Adjustments and settings are not necessary.

Print roller

For cleaning or replacement the print roller can be easily removed by loosening only three screws.

11. One tool for all maintenance tasks

Only one tool for all service requirements. It is readily available in the machine.



Four steps to the optimal appliance

1. Transfer printing

For printing on standard paper, cardboard, textiles, plastic foil (PE, PP, PVC, PA or PI). Wax-, resin- or wax/resin ribbons can be used.

Thermal direct printing

For printing on thermal-sensitive materials. All transfer printers can be used as thermal direct printers.

2. Basic version

For printing on labels and continuous material. After printing it can be torn off with the ridged tear-off plate. It can be cut or rewound externaly.

Dispense version

For printing and dispensing labels. During the printing the label is removed from the liner. It can be taken off manually or by an applicator. 1 The present sensor has to be ordered separately.

3. Compact cover

The 2-parts cover folds when opened. Therewith the printer needs the smallest footprint in its class.

Metall cover

The transfer printers A4+ and A6+ are available with a full metall cover (standard with the A8+) on request.

4. RFID (additional option)

The cab RFID option for the printers of the A+-series reads and rewrites transponders in smart-labels with 13,56 MHz during the printing process. Please ask for our separate data sheet.

All required interfaces are factory installed

Network connections

1. Wireless LAN-connection via plug-in-card

2. Ethernet 10/100 Base T- interface with TCP/IP protocol
Printing with LPR/LPD, Raw IP or FTP.
IP adress can be set manually or obtained via DHCP.
Status information and set up via internet browser.
FTP for firmware updates and PC-card Type II/CompactFlash administration.
Error messages can be sent via e-mail or SNMP.
Time and date synchronisation through time server

For Stand-alone operation without PC

1. Slot for **PC-Card Type II** (PCMCIA)
3. Slot **CompactFlash-card** to store fixed data
4. Two **USB-Master** interfaces for keyboard or scanner

PC-Connections

5. USB 2.0 High Speed Slave interface
6. Serial RS232 C interface up to 230.400 Baud

Additional optional interfaces

7. WLAN-card IEEE 802.11 b/g
for wireless network connection, depending on chip set
IEEE 802.11 b: 11 MBit/s, 2.4 GHz Band
IEEE 802.11 g: 54 MBit/s, 2.4 GHz Band

8. Parallel Centronics acc. IEEE 1284
The data from the Centronics interface are converted onto the USB 2.0 High Speed interface.
PC connection: 25-pin SubD plug
Printer connection: USB Master

9. Serial RS422 interface for long distance communication.
Serial RS485 for networking up to 26 printers.
Serial interface: 25-pin SubD plug
Printer connection: USB Master

10. Twinax-Converter for connection with IBM AS/400
Printer connection: serial RS 232 C 9-pin SubD plug

11. Coax-Converter for connection with IBM 3270
Printer connection: serial RS 232 C 9-pin SubD plug

12. Label selection box
Up to 16 different input signals for automatic loading and printing of labels from the memory card.
Serial interface: 25-pin SubD plug
Printer connection: USB Master

The data for all devices

■ Standard ☐ Option

1. Printhead	A2+	A4+			A4.3+		A6+	A8+
Printing method Thermal transfer	■	■	■	■	☐	☐	■	■
Thermal direct	■	-	-	-	■	■	■	■
Print resolution dpi	300	203	300	600	203	300	300	300
Print speed up to mm/s	150	250	250	100	200	150	200	150
Print width up to mm	54.2	104	105.6	105.6	104	108.4	162.6	216
2. Labels								
Material: Labels, endless rolls or Leporello,	thermal and standard paper, cardboard, textil, plastic foils PE, PP, PVC, PA, PI							
Material thickness mm / weight g/m²	0.07 - 0.35 / 60 - 250							
Media roll: Total diameter up to mm	210							
Core diameter mm	38 - 100							
Winding direction	inside or outside							
Material width mm with a thickness 0.07 - 0.35 mm	25 - 65	25 - 120					50 - 180	50 - 235
with a thickness 0.25 - 0.35 mm	10 - 25	10 - 120					-	-
Label width mm	4 - 60	4 - 116					50 - 176	50 - 220
Label width when dispensing[1] min. mm	25						50	-
Label height min. mm	5						6	10
Label height when dispensing[1] min. mm	12						25	-
Label height max. mm	2000	2000	2000	1000	2000	2000	2000	1000
3. Ribbon								
Ink	inside or outside							
Roll diameter up to mm	80							
Core diameter mm	25							
Ribbon length variabel up to m	500							
Width up to mm	56	114					165	220
4. Internal re-winder labels								
Total diameter up to mm	145							
Core diameter mm	38.1							
Winding direction	only outside							
5. Dimensions printer								
Hight x Dept mm	274 x 446							
Width mm	190	242					302	352
Weight kg	8,5	9					13	15
6. Label sensor								
See through/Reflective sensor from below, adjustable mm	5 - 53							
7. Electronics								
Prozessor high speed 32 Bit ColdFire/Taktrate MHz	266							
RAM MB	64							
ROM MB Flash	8							
Slot for memory CompactFlash-card Type I up to 1 GB	■							
Slot for memory card Cardbus / PC-Card Type II	■							
Real time clock, Print out of time and date	■							
8. Operation panel								
Buttons illuminated, depening on mode of operation	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor							
LCD graphic display Width x Height in mm	60 x 40							
lines/characters	4 / about 20							
9. Interfaces								
Parallel Centronics bi-direktional acc. IEEE 1284	☐							
Serial RS 232 C 1200 up to 230400 Baud/8 Bit	■							
USB 2.0 High Speed Slave for PC-connection	■							
Ethernet 10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP, SMTP, SNMP, NTP	■							
RS 422, RS 485 1200 up to 230400 Baud/8 Bit	☐							
Peripherical connection	■							
WLAN card 802.11b/g	☐							
USB Master for keyboard and scanner	2x ■							
Twinax/Coax-Converter	☐							

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

■ Standard ☐ Option

10. Settings	
	Country specific (Arabisch, CZ, D, DK, E, F, GB/USA, H, I, IL, N, NL, P, PL, RUS, S, SF, TR), Geräteeinstellungen, Druck-parameter, Schnittstellen, Sicherheit.
11. Monitoring	
Stop printing if	End of ribbon End of labels Printhead open
12. Test routines	
	System diagnosis of memory and print head when switched on, Short status, status print, font list, device list, profile of print head, profile of label, test grid, monitor mode.
Status reports	Extensive status print with information about instrument setting, for example print length counter, runtime counter. Request of the machine status via software command. Detailed status messages on the display, for example network error-no link, barcode error etc.
13. Fonts	
Font types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts.
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBCDIC 500, ISO 8859-1 up to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All West and East European latin, cyrillic, greek, hebrew and arabic caracters are supported. Optional chinese (simplified chinese)
Bitmap fonts	Size of width and height 1 - 3 mm zoom 2-10 Orientation 0°, 90°, 180°, 270°
Vector-/TrueType fonts	Size of width and height 0.9 - 128 mm variable zoom , Orientation 360° in steps of 1°,
Font formats	Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts
Font width	Variable

14. Graphics		
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading	
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG	
15. Codes		
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC	Interleaved 2/5 Ident- and lead code of german Post AG JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D-Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14	
	All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and Start/Stop code, depending on code type.	
16. Software		
Programming	J-Script direct programing	■
	abc-Basic Compiler	■
	Database Connector	☐
System diagnosis/ Administration	cab-printer monitoring	■
	cab-Network Manager	☐
	cab-Card Manager	☐
cab Label software	cablabel R2 Lite	■
	cablabel R2 Pro	☐
More Label software	Easylabel, Codesoft, Nicelabel, Bartender, Label Matrix, Labelview	☐
Windows driver	98, ME, 2000, 2003, XP	■
	Windows NT from version 4.0	
Mac driver	OS X printer driver from version 10.3	■
Linux driver	Testet with Suse 9.0, CUPS based	■
17. Operation data		
Power supply	100 - 240 V ~ 50/60 Hz,PFC	
Energy consumption	max. 250 W	
Operation termperat.	10 - 35°C	
Humidity not condensing	30 - 85%	
Safety regulations	CE, FCC class A, CB, CCC	

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

Peripheral devices - optimal accessories at full benefit

for the printer	Page	Basic d.	Dispense d.	A2+	A4+	A6+	A8+
1. Cutter CU	12	●	●	☐	☐	☐	☐
2. Cutter CU-I	12	●	●	☐	☐	☐	☐
3. Barcode tester	13	●	●	☐	☐	☐	☐
4. Guide plate for internal rewinding	13	-	●	☐	☐	-	-
5. External re-winder for direct printer connection	13	●	●	☐	☐	☐	☐
6. External re-winder with built-in power supply	13	●	●	☐	☐	☐	☐
7. External un-winding of rolls up to 300 mm Ø	13	●	●	☐	☐	☐	☐
8. Peel-off plate PS5 for automatic operation	14	-	●	☐	☐	☐	-
9. Present sensor PS8 for manual operation	14	-	●	☐	☐	☐	-
10. Present sensor PS6 for manual /automatic operation	14	-	●	☐	☐	☐	-
11. Pause adapter PS7 – pause of print job	14	●	●	☐	☐	☐	☐
12. Extended peel-off plate	14	-	●	☐	☐	☐	-
13. Sidewise displaced photo cell	14	-	●	☐	☐	☐	-
14. Adapter 76 mm Ø	15	●	●	☐	☐	■	■
15. Adapter 100 mm Ø	15	●	●	☐	☐	☐	☐
16. Rotating label un-winder 76 mm Ø	15	●	●	☐	☐	☐	☐
17. Memory card	15	●	●	☐	☐	☐	☐
18. External operation panel	15	●	●	☐	☐	☐	☐
19. Numerical keyboard	15	●	●	☐	☐	☐	☐
20. Compact keyboard	15	●	●	☐	☐	☐	☐

● Models ■ Standard ☐ Option

Cutting labels and continuous material

1. Cutter CU

The cutter is used to cut labels, cardboard textiles or plastic foils or even heat-shrinkable tubes one label after the other, after a certain number of labels or at the end of job.

2. Cutter CU-I

Additional external interface

An external signal activates the cutting function. All further technical attributes correspond to the CU-cutter.

Cutter	CU2	CU4	CU6	CU8
for printer	A2+	A4+	A6+	A8+
Material weight up to g/m²	500			
Material width up to mm	65	120	180	232
Material height from mm	2 - Depending on material limitation			
Cutter tray	-	☐	-	-

Perforation cut: Continuous material can be cut perforated on request. Delivery is customer-specific.

On- and off-winding of labels and continuous material

Testing barcodes directly after printing

General use together with the external re-winder ER4 - ER8.

3. Barcode tester

The built-in scanner tests the barcodes directly after printing. If the barcode is not readable the printing process can be stopped at once so the faulty labels can be removed.

4. Rewind guide for internal re-winding

For label rolls up to 145 mm Ø

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

5. External re-winder

Direct connection onto the printer

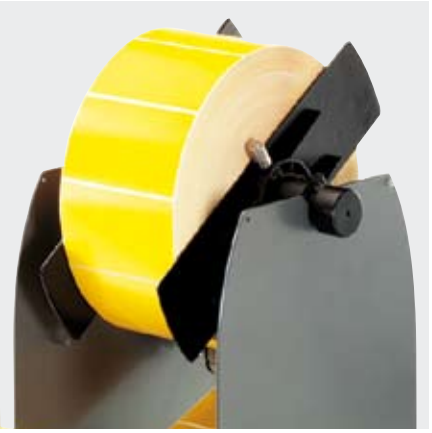
The re-winder is screwed directly onto the transfer printer. The label winding is optional inside or outside. A smooth and tight winding can be achieved through the electronic control of the swing arm.

6. External re-winder

With built-in power supply

Due to the built-in power supply unit the re-winder can be attached to every other printer. The label winding is optional inside or outside. A smooth and tight winding can be achieved through the electronic control of the swing arm.

7. External un-winder



For label rolls up to 300 mm Ø

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

External re-winder Roll Ø max. mm	ER1 210	ER2 210	ER3 210	ER4 210	ER4 300	ER6 300	ER8 300
for printer	all A+-Series devices			all A+-Series-devices a. other manuf.			
Material widht up to mm	120	180	235	120	120	180	235
Winding speed up to mm/s	250	200	150	300	300	250	200
Power supply	24 VDC			100 - 240 V~ 50/60 Hz			
Core Ø mm Adapter mm	40 - re-winding with or without cardboard core 76 - re-winding with cardboard core						
Winding of labels	inside or outside						

External un-winder Roll Ø max. mm	EU4 300	EU6 300	EU8 300
for Printer	A+-Series and other manufac.		
Material width up to mm	120	180	235
Rewind speed mm/s	300	250	300
Core Ø mm Adapter mm	40 76		
Winding of labels	inside or outside		

Discerning solutions for different requirements.

8. Peel-off adapter PS5

For automatic operation

Printing and dispensing of the label is started via an external signal. The discharging can be made by a robot, applicator or manually. With six additional input and output signals like “label taken” or “print of label is started” the labelling process can be controlled.

9. Present sensor PS8

For manual operation

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

10. Present sensor PS6

For manual and automatic operation

It contains the functions for both manual and automatic handling. There are two options:

1. Dispensing after removal (manual) without connection to the external peripherical connector.
2. Dispensing on demand (semi-automatic) with manual button, foot switch and external control system.

11. Pause adapter PS7

Interruption of print job

The printing can be paused by an external signal by using a label loop.

12. Extended peel-off plate

If labels are difficult to peel off we recommend an extended peel-off plate. It is made to customer´s specifications.

13. Sidewise displaced photo cell

For dispensing labels where the outer edges are not detected by standard photo cell. The extension is made on customer´s specification for PS6 or PS8.

14. Adapter 76 mm Ø

Recommended for heavy rolls with a core diameter of 76 mm.

15. Adapter 100 mm Ø

Both for very sensitive or small labels and labelling in lateral position we recommend a core diameter of 100 mm.

16. Rotating label un-winder 76 mm Ø

Recommended für dust-sensitive areas. The roll is fixed tightly onto the un-winder, which avoids abrasion through the card-board core.

17. Memory card

Label formats, fonts, texts and graphics can be saved. It can be accessed from the printer or from the PC.

Memory card	
CompactFlash Typ I	256 MB

18. External operation panel

Same operation like the operation panel on the machine, with an additional slot for a memory card.

External operation panel	
Connection	USB Mini
Keys	Menu, Pause, Feed, Cancel, Enter, 4 x Cursor
Graphic Displ.	60 x 40 mm
Slot for	CompactFlash-card Typ I
L x W x H mm	182 x 68 x 30

19. Num. keyboard

For the input of numeric data in stand-alone-mode.

Numerical keyboard	
Connection	USB
No. of keys	19
L x W mm	120 x 76

20. Compact keyboard

For direct input of variable data in stand-alone-mode.

Compact keyboard	
Connection	USB
No. of keys	86
L x W mm	282 x 132

21. Present trigger

For semi-automatic applications the printing, cutting and the peel-off-function can be activated via manual control switch.

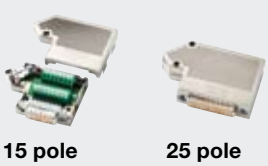
22. Foot switch

For semi-automatic applications the printing, cutting and the peel-off-function can be activated via foot switch.

23. Photo cell

For automatic product identification on the conveyor belt.

24. Sub-D plug



For easy connection the sub-D plug is equipped with a screwed clamp.

Accessories for	Cutter CU-I	Present sensor PS5/6	Pause adapter PS7	Applicator A 1000
21. Present trigger	☐	☐	☐	☐
22. Foot switch	☐	☐	☐	☐
23. Photo cell	-	-	-	☐
24. Sub-D plug 15 pole	☐	☐	☐	☐
25 pole	-	-	-	☐

Print and apply in real-time

1. Long operation lines
The guides have ball bearings which avoid abrasion.

2. Variable product heights
With the pneumatic cylinder it is possible to compensate differences in product heights. It is available in different heights of stroke.

3. Simple adjustment
Four screws are needed to adjust the tamp pad to the dispensing edge. The processing can be optimized at the operator panel during the testing.

4. Pre-demand button
Tests the labelling function. At the first operation the label is printed and then transferred via the applicator. By pushing the button again the label is applied.

5. Air service unit
It is either mounted on the printer, on the frame or on the stand. The micro strainer prevents contamination, the compressed air regulator guarantees the labelling quality.

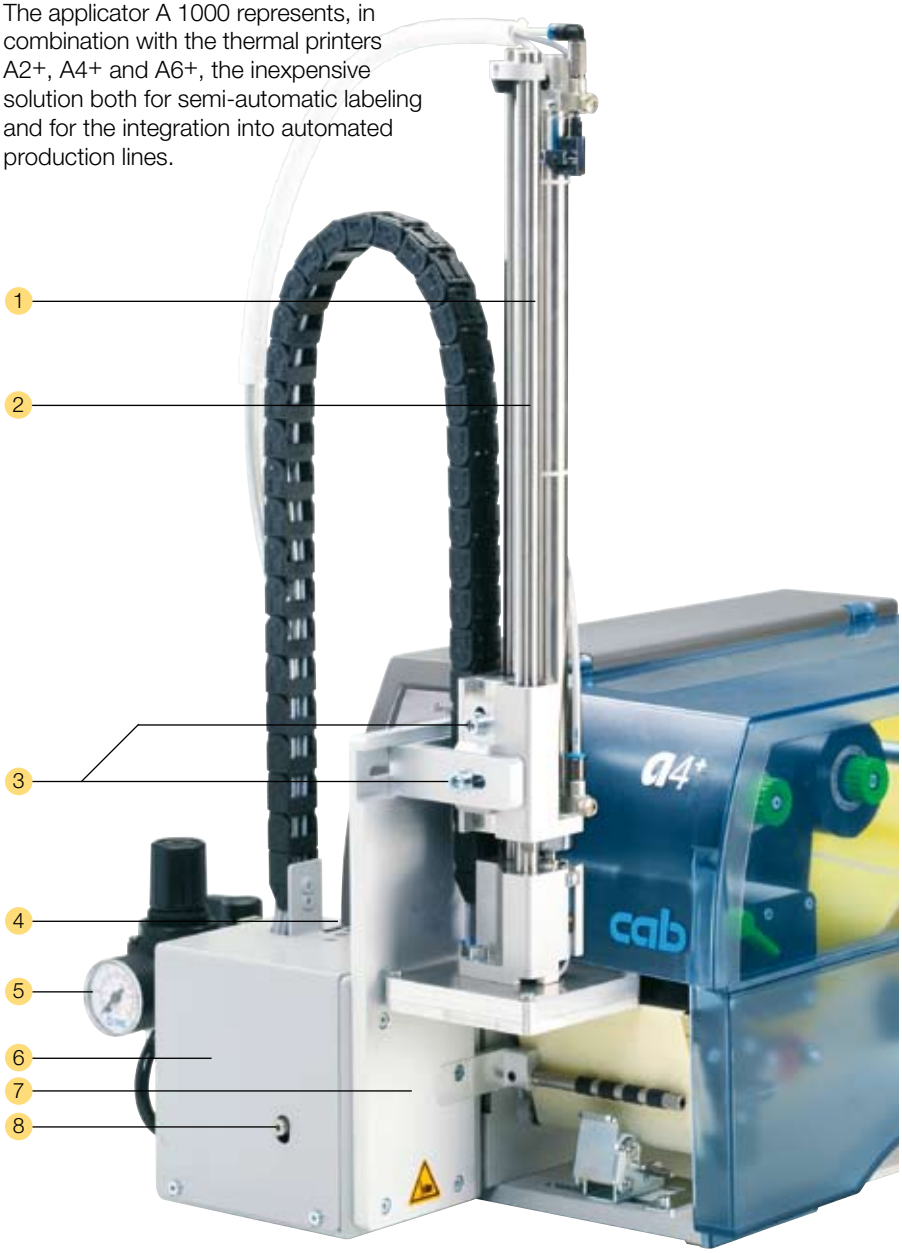
6. High process reliability
The supporting air jet streaming, the vacuum and the speed of the cylinder are adjustable. For highly sensitive products and packaging the pressure to apply labels can be reduced to less than 1 kg. Consequently there is no risk of injury. To avoid contamination within the vacuum the chanels are cleaned by an air pressure impulse at the end of each application.

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

8. Quick assembly
Like any other accessory, the applicator is plugged into the printer with two stoppers and can be fixed with only one screw.

Digital I/O-Interface
The master (e.g. PLC) starts or stops the labelling process. The status and error messages are issued at the same time.

The applicator A 1000 represents, in combination with the thermal printers A2+, A4+ and A6+, the inexpensive solution both for semi-automatic labeling and for the integration into automated production lines.



Label tranfer method	Tamp	Roll on	Blow
Label width mm	25 - 176	25 - 176	25 - 176
Label height mm	25 - 200	80 - 200	25 - 100
Cylinder stroke mm	220 / 300		
Stroke of tamp below printer mm	70 / 150		
Compressed air bar	4 - 8		
Product surface	flat		
Product height variable	■	■	-
fixed	-	-	■
Product fixed	■	-	■
linear movement	-	■	■

Tamp pad

During the print and apply cycle the product remains fixed. The universal tamp ist covered by a foil. According to the size of the label the holes can be pierced. The tamp pads are customized to the dimensions of the label sizes on request.

Blow pad

For applying pressure to sensitive products the label can be blown onto the product with the supporting air jet stream. The print and apply cycle performs in a fixed position or in a linear movement of the product. The blow pad moves to a pre adjusted position approx. 10 mm away from the product.

Roll-on pad

Using the roll-on pad the label is dispensed until it touches the roller. The tamp pad moves on top of the product. The label is then rolled on and applied by the movement of the product.

Printer on lower frame

Lower frame

The lower frame can be customized according to the special requirements regarding width and height. The print and apply system is positioned by adjusting two bolts. The exact position of the system can be adjusted on a guide rail.

The stand for flexible printer mounting

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

The print and apply system is mounted on a base plate with a thickness of 10 mm and can be fixed with only one clamp.

Stand

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

Stand	
Total height mm	1600
Labelling height up to mm	1400
Projection mm	230 - 500
Undercarriage (base distance) Width x Depth x Height mm	600 x 860 x 140

Optimal output through optimal input

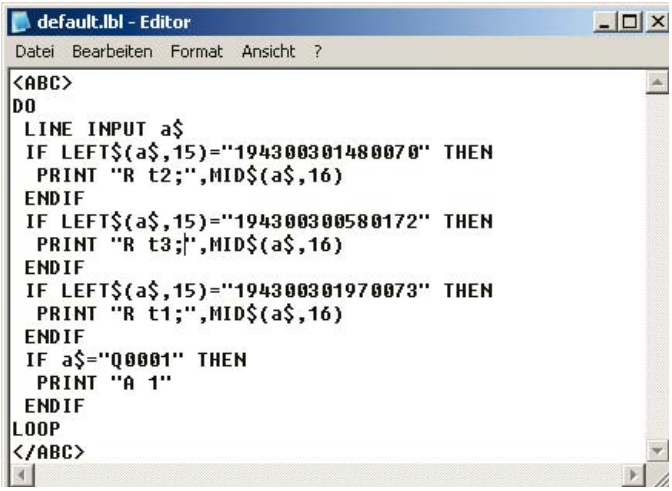
Printer Control

Direct programming with J-Script

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

cab J-Script allows easy programming of the printer by using text strings and this independently from the used label software. Labels can be designed and the status of the printer can be enquired. The memory card allows to save complex layouts, graphics and fonts, which reduces the data transmission time.

abc - Basic Compiler



The cab Basic Compiler is always one step ahead. With an easy basic programming data is operated or logically combined before they are sent to the printer for further processing. This offers e.g. the possibility to emulate other printers or to integrate data strings from barcode readers or scales in printing processes. All data received is printed in real time.

Database Connector

The cab database connector allows to link up stand-alone printers via TCP/IP interface to central SQL databases in the network. Data can be requested, printed and written back during the printing process.

Monitoring

cab printer monitoring with Intra and Internet

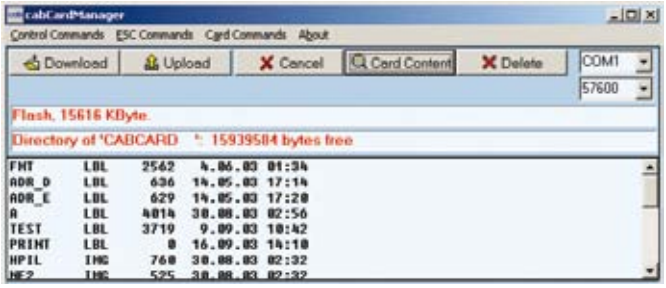
cab printers provide to be monitored and configured with standard web browsers or FTP clients. Firmware updates or data management on the memory card are easy to handle. By the use of SNMP- and SMTP clients, status, warning and error messages are sent via email or SNMP telegram to the network.

Administration

cab-Network Manager

The cab network administration enables the administrator to manage all printers connected to one network at the same time. With a single mouse click different printers can be monitored, configured or updated with firmware; furthermore PIN codes of the printers are changed and data on the memory card can be managed.

cab-Card Manager



Via RS 232 port the memory card can be administrated fast and easly. Label layouts, special text fonts, complex graphics or databases can be up- or downloaded.

cablabel software for cab printers

Perfect labels need optimized text fonts. cab offers a large number of bitmap and vector fonts. Height and width of the font can be scaled and the object can be positioned and arranged. Additional true type fonts can be downloaded to the memory card.
Most of the country specific codepages are supported.

cab Windows driver

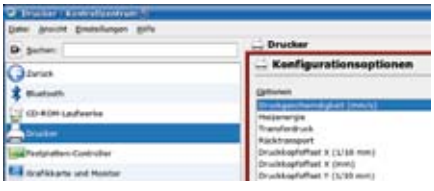
Create and print your label with a Windows program for ex. MS Word, Excel, Access, Works, Corel Draw etc.

Windows printer driver are provided for Windows 98, ME, 2000, XP, 2003 and NT 4.0

Mac OS X driver

For MAC OS X cab offers a CUPS based printer driver. Please ask us.

Linux driver



For LINUX cab offers also a CUPS based printer driver.

The software to create labels

Powerful functions enable the creation and printing of even complex labels within minutes.

Take advantage of using the multiple possibilties of cablabel R2.

● cablabel R2 Lite

is equivalent to the previous Advanced-version. You get it - free of charge - with every cab printer.

● cablabel R2 Professional

Assistant for UCC/EAN 128 barcode. Allows the collection of printing data from different data bases.

Wether simple texts, barcodes, graphics and the connection of databases, cablabel R2 is most flexible - all in 24 languages.

MDI (Multiple Document Interface) helps to open and handle several labels at the same time. Objects can be copied, moved and inserted into another label.

cablabel R2 provides its own drivers with individual respond to all different function of cab printers. This most effective way of communication between software and printer enables to achieve perfect results.

Further label Software

cab offers a range of additional label software (Easylabel, Codesoft, NiceLabel) enabling to program printers, to print and to apply systems.

cablabel R2	Lite	Prof.
32-Bit Platform compatibility	■	■
Languages European Version: Arabisch, CZ, D, DK, E, F, FIN, GB/USA, H, I, IL,N, NL, P, PL, RUS, S, TR	■	■
Languages Asian Version : Chinesisch, EST, J, LV, ROK	■	■
Label samples	■	■
Online documentationwith tutorials	■	■
Multi-level Undo	■	■
number of levels	1	40
Graphic format import	■	■
Color support	■	■
Color graphic reduction		■
Text art		■
True Type font	■	■
Graphic barcodes	■	■
numbers	9	37
Native printer barcodes	■	■
Hidden (not printable) objects		■
Label preview	■	■
Graphics preview	■	■
Grid view/print		■
OLE-Client		■
Windows driver support		■
Control of printers	1	99
Support of net printer (TCP/IP)		■
Bi-directional communication to the printer		■
Stand-alone		
Printing to file	■	■
Font Downloader	■	■
Database		
Database Manager Access, DBF	■	■
ASCII, ODBC, OLEDB		■
Variables		
Flexible date and time stamping	■	■
Host of date and time with Date offset		■
Printing counter	■	■
Host counter		■
Variable graphic images		■
Free variables		■
Global files		■
Decimal value formating		■
Basic formular		■
User Input Fields		
Text alignment		■
Set input format		■
Minimum input length		■
Selection of default values		■
Automatic prompt		■
Extras		
UCC/EAN 128 and Maxicode Assistent		■

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