

Precision is not a matter of size



Expert in
small labels
from 4 mm
height



Print and Apply Hermes A
The Executive Class.

2 Applications

The cab print and apply system



The Hermes A is the result of more than 30 years of product development and technical know-how. The system is especially designed for fully-automated print and apply processes in

production lines. Precise label positioning and a robust design make the Hermes A the choice for around the clock industrial labeling applications.

Print and apply in real time: Used in all kinds of industry

PCB Identification Label



Smallest label size of 4 x 4 mm, if space is limited.

Type plates



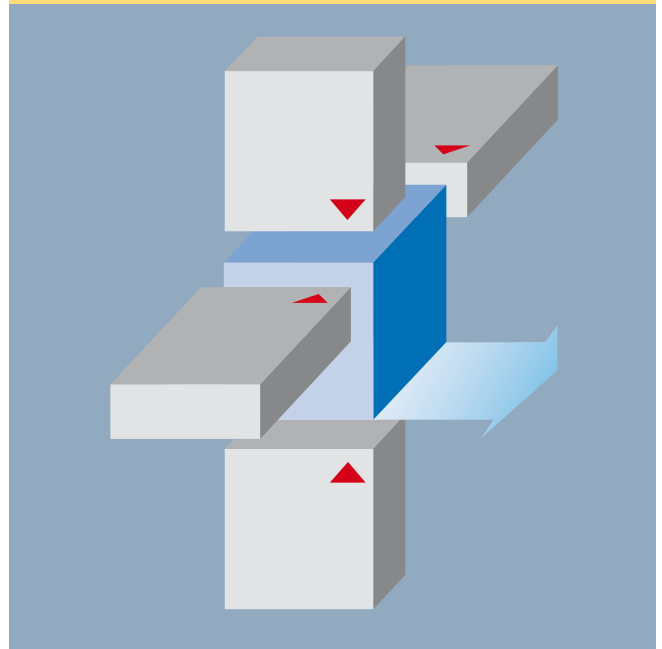
Precise print and apply up to $\pm 0,2$ mm. The smallest fonts with the highest resolution of 600 dpi.

Packaging



Fast, faster, in second intervals: precise in every position and in real time.

No matter how you turn it



Apply bottom to top, top to bottom or from either side: The Hermes A prints and applies in any assembly position and may therefore be integrated in all kinds of production lines.

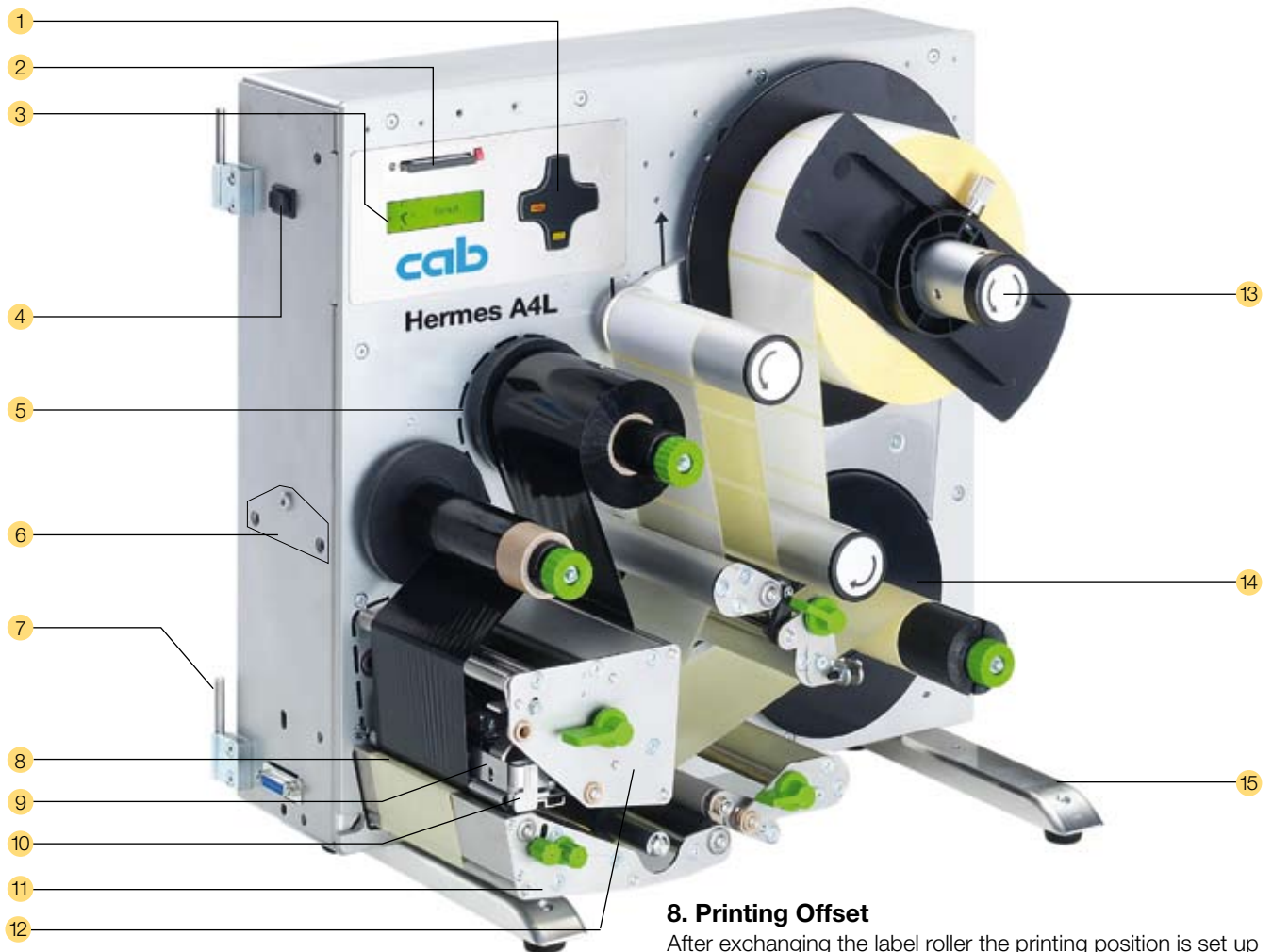
Host Connection or Stand-Alone Operation



Software tools are available for most Enterprise-Wide hardware. Direct programming is possible by using the cab printer language J-Script. Label layout, graphics and special fonts can be downloaded to the CompactFlash Memory Card.

4 Transfer Printer Hermes A

Perfection in every detail



1. Navigator Pad

Simple, interactive menu control. Applicable functions are illuminated. Menu handling is easy to comprehend.

2. Slot for CompactFlash Memory Card

The memory card stores label designs including fonts, texts, graphics, programs or data bases.

3. Graphic Display with 120 x 32 dots

Displays the active printing status as well as notes for the operator.

4. Button for Test Mode

First push releases printing of the label and feeding forward to the peeling position. Second push causes a backfeed and printing of the next label.

5. Ribbon Re- and Unwinder

Clamping shafts enable fast and easy exchange of the ribbon.

6. Mounting Bracket

Tapped holes to fix brackets on the printer for the overhanging applicator assemblies.

7. Mounting of Applicator

The applicator is mounted on hinges and rotated into position allowing easy exchange in case of maintenance.

8. Printing Offset

After exchanging the label roller the printing position is set up automatically after a few printed labels. Even after power down the label position will be stored.

9. Printhead

The printhead can be easily exchanged with just a few turns. Therefore, adjustments and setups are not required.

10. Ribbon Saving by Printhead Lifting

This process avoids smudgy printing when pulling back labels after the printing process. Ribbon is saved when large labels with a small printed area is required.

11. Transport System

The ball bearing transport rollers ensure an highly accurate printing and the precise feeding of labels.

12. RFID Read/Write Unit

For reading and writing transponders in smart labels. Integration is made to your choice of RFID Standard.

13. Label Unwinder

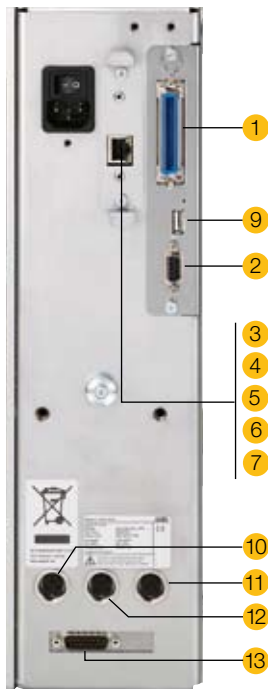
The tensioned arm and the integrated dynamic brake make sure that the labels are unwound with constant tension.

14. Rewinder

The liner of a label roll is rewound after the labels have been peeled off. The clamping shafts enable an easy exchange of the finished roll.

15. Hermes Feet

The Hermes feet are used for standard upright applications and are mounted at the printer chassis.



Interfaces standard

1. **Bi-directional Centronics** interface in acc. with IEEE 1284
2. **Serial RS232 C**-interface up to 230.400 Baud

Interfaces option

3. **USB 2.0 Full Speed-slave** interface
4. **Ethernet 10/100 Base T** interface with TCP/IP protocol
Printing with LPR/LPD or Raw IP-Printing
IP address can be sent manually or obtained via DHCP
Status inquiry and settings via internet browser
FTP for firmware updates, control of CF card files
Messages can be sent via e-mail or SNMP
Time and date is synchronized with a time server
5. **WLAN** with optional bridge for every operation system
6. **Serial RS422** interface for long distance communication
7. **Serial RS485** for networking up to 26 printers
8. **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**



Periphery Interface

9. **USB master** interface for connecting PC-keyboards or barcode scanner
10. **Sensor** end of labels
11. **Sensor** end of ribbon
12. **Indicator light**
13. **Digital I/O** interface for applicators from other manufacturers
14. **Interface** for cab applicators

Prints and applies to the right or to the left



Hermes A4R
For label rolls up to 210 mm Ø
Dispensing direction to the right



Hermes A4L
For label rolls up to 210 mm Ø
Dispensing direction to the left



Hermes A5R
For label rolls up to 300 mm Ø
Dispensing direction to the right



Hermes A5L
For label rolls up to 300 mm Ø
Dispensing direction to the left

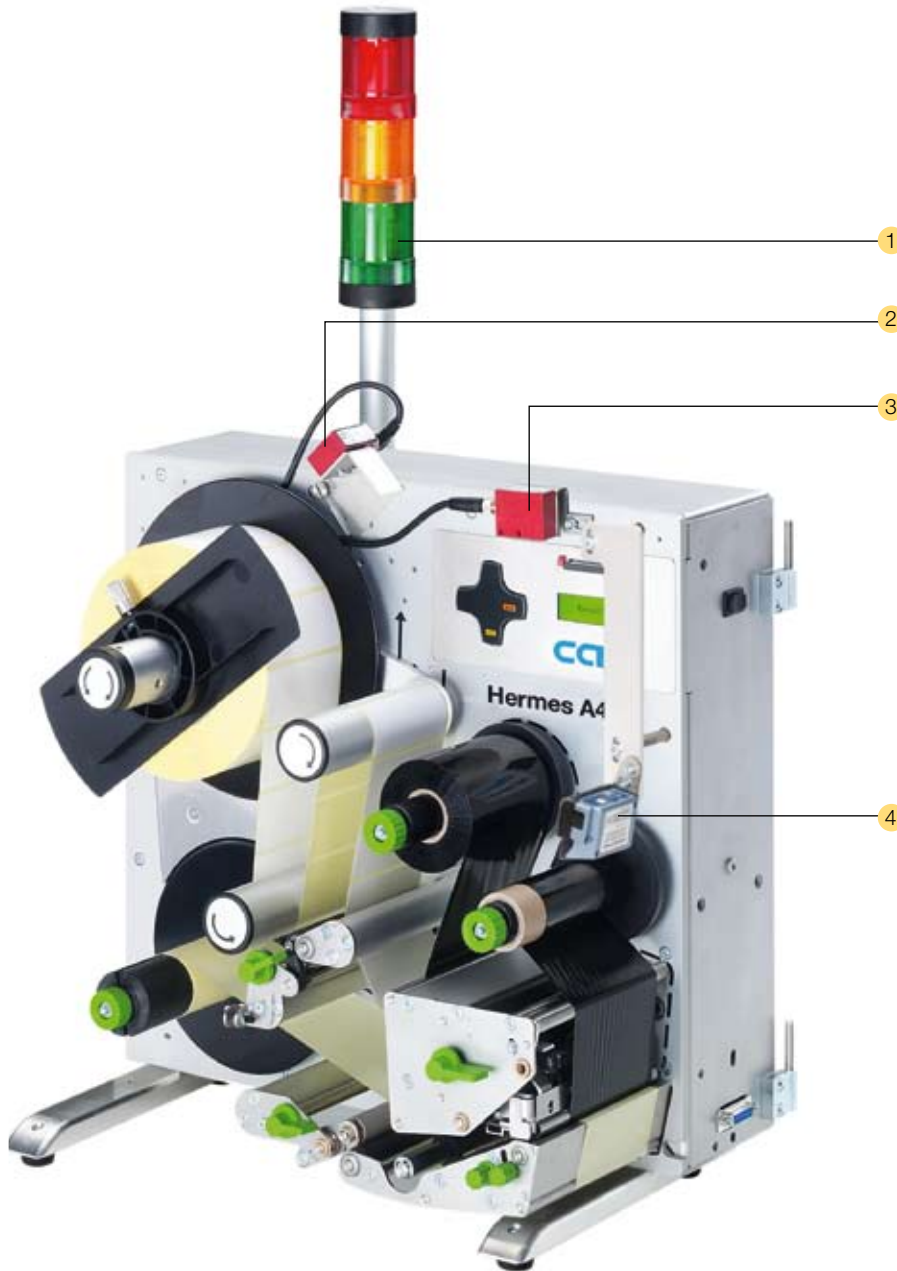
6 Technical data

1. Printhead		Hermes A		
Printing method	Thermal/Thermal transfer			
Print head system:	Thin film	■	■	-
	Thick film - on request	-	-	□
Print resolution dpi		300	600	300
Print speed up to mm/s		250	100	150
Print width up to mm		105,6	105,6	108,4
2. Labels				
Material: Thermal- a. Standard paper, plastic foil e.g.		PE, PP, PVC, PA, PI		
Material thickness ¹⁾ mm / Weight g/m ²		0,07 - 0,25 / 60 - 160		
Media roll:	Total diameter up to mm Hermes 4/5	210 / 300		
	Core diameter mm	76 (100)		
	Winding direction	inside or outside		
Width of liner ¹⁾ mm with a thickness of 0,07 - 0,35 mm		25 - 120		
	with a thickness of 0,25 - 0,35 mm	10 - 120		
Label width mm		4 - 116		
Label height min. mm		4		
Label height max. mm		1000	250	1000
3. Ribbon				
Ink		inside or outside		
Roll diameter up to mm		80		
Core diameter mm		25		
Ribbon length variable up to m		500		
Width up to mm		114		
4. Internal rewinder				
Total diameter up to mm	Hermes 4/5	145 / 200		
Core diameter mm		38,1		
5. Dimensions				
Hermes 4, Height / Depth / Width mm		390 / 420 / 276		
Hermes 5, Height / Depth / Width mm		542 / 527 / 276		
Weight kg Hermes 4 / 5		18 / 20		
6. Label sensor				
See-through/Reflective sensor, adjustable mm		4 - 57,5		
7. Electronics				
Processor 32 Bit ColdFire/CPU Speed MHz		144		
RAM MB		16		
ROM MB Flash		4		
Real time clock, printout of time and date		■		
8. Operation panel				
Navigator pad: keys/illuminated		4 / 8		
LCD-graphic display	Width x height in dots	120 x 32		
	lines/characters	2 / ca. 20		
Slot for memory card: CompactFlash Type I		■		
9. Interfaces				
Paralled Centronics bi-directional acc. to IEEE		■		
Serial RS 232 C	1.200 up to 230.400 baud/8 bit	□		
USB 2.0 Full Speed-slave for PC connection		□		
Ethernet 10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP, SMTP, SNMP, Time client		□		
RS 422, RS 485	1.200 up to 230.400 baud/8 bit	□		
Peripheral connection		□		
Wireless bridge 802.11b		□		
USB Master for keyboard and scanner		■		
Sensor end of labels		■		
Sensor end of ribbon		■		
Indicator light		■		
Digital I/O interface for applicators from other manufact.		■		
Interface for cab applicators		■		
Twinax/Coax-Converter		□		
10. Settings				
	Country specific (Arabisch, CZ, D, DK, E, F, GB/ USA, H, I, IL, N, NL, P, PL, RUS, S, SF, TR), System settings, print parameters, interfaces security.			
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.			

12. Test routines		Hermes A	
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, KOI8-R. All West and East European, Latin, Cyrillic, Greek, Hebrew and Arabic characters are supported.		
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, filled with fading		
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG		
15. Codes			
Linear barcodes	Code 39, Code 93 Interleaved 2/5 Code 39 Full ASCII Ident and lead code Code 128 A, B, C of German Post Codabar JAN 8, 13 EAN 8, 13 MSI EAN/UCC 128 Plessey EAN/UPC Appendix 2 Postnet EAN/UPC Appendix 5 RSS 14 FIM UPC A, E, E0 HIBC		
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 programming ■ abc-Basic Compiler ■ Database Connector □		
System diagnostics/ Administration	cab-printer monitoring ■ cab Network Manager □ cab-Card Manager □		
cab label software	cablabel R2 Lite ■ cablabel R2 Pro □		
Further 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	Tested with Suse 9.0, CUPS based ■		
17. Operation data			
Power supply	100 - 240 V ~ 50/60 Hz, PFC		
Energy consumption max.	max. 250 W		
Operating temperature	10 - 35°C		
Humidity not condensing	30 - 85%		
Safety regulations	CE, FCC class A		

¹⁾ Subject to restrictions depending on label size, material and adhesive. Critical materials or applications need to be tested and released.

■ Standard □ Option



1. Indicator Light

Indicates the printer's status and is installed directly on the printer, the mounting bracket or stand.
 Red: error at the printer or applicator
 Yellow: labels or ribbon are running out
 Green: ready to operate

2. Pre-Warning Sensor Labels

Before the labels run out, a warning message is indicated both at the indicator light and by means of the PLC interface whenever the minimum of labels exceeds the lower level. The minimum label sensor can be adjusted.

3. Pre-Warning Sensor Ribbon

Before the ribbon runs out a warning message is indicated both on the indicator light and by means of the PLC interface whenever the minimum quantity of ribbon exceeds the lower level. This level of ribbon can be adjusted.

4. Barcode Tester

Immediately after the printing process the barcode can be tested for readability and contents. Type of scanner and further processing are defined to customer's specifications.

5. Adapter 100

For label rolls with a core diameter of 100 mm.

6. Memory card



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

7. External operation panel



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

8. Num. keyboard



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

9. Compact keyboard



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

Memory card

CompactFlash Typ I	256 MB
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External operation panel

Connection	USB
Keys	Menu, Pause, Feed, Cancel, 4 x Cursor
Graphic Displ.	120 x 32 dots
Slot for	CompactFlash-card Typ I

Numerical keyboard

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

Compact keyboard

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

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

```

default.lbl - Editor
Datei Bearbeiten Format Ansicht ?
<ABC>
DO
LINE INPUT a$
IF LEFT$(a$,15)="194300301480070" THEN
PRINT "R t2;";MID$(a$,16)
ENDIF
IF LEFT$(a$,15)="194300300580172" THEN
PRINT "R t3;";MID$(a$,16)
ENDIF
IF LEFT$(a$,15)="194300301970073" THEN
PRINT "R t1;";MID$(a$,16)
ENDIF
IF a$="Q0001" THEN
PRINT "A 1"
ENDIF
LOOP
</ABC>
    
```

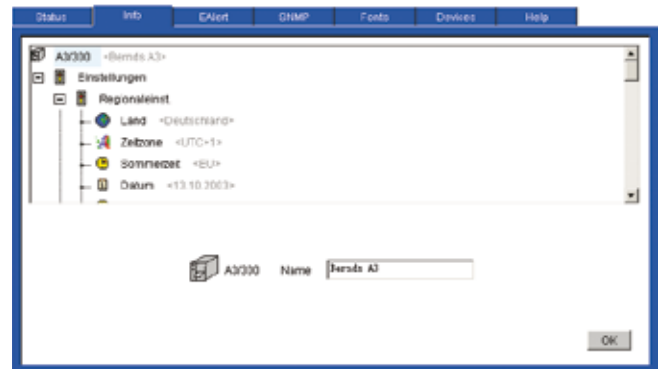
The cab Basic Compiler is always one step ahead. With an easy basic programming data is operated or logically combined before they are sent to the printer for further processing. This offers e.g. the possibility to emulate other printers or to integrate data strings from barcode readers or scales in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



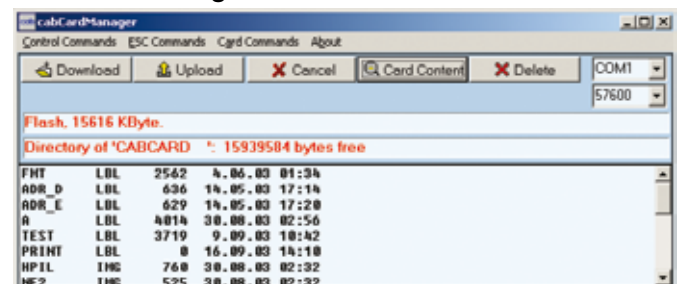
cab printers provide to be monitored and configured with standard web browsers or FTP clients. Firmware updates or data management on the memory card are easy to handle. By the use of SNMP- and SMTP clients, status, warning and error messages are sent via email or SNMP telegram to the network.

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 easily. 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.

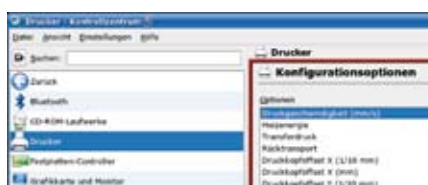
Windows printer driver are provided for Windows 98, ME, 2000, XP, 2003 and NT 4.0

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 possibilities 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 Pro

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

Whether 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.

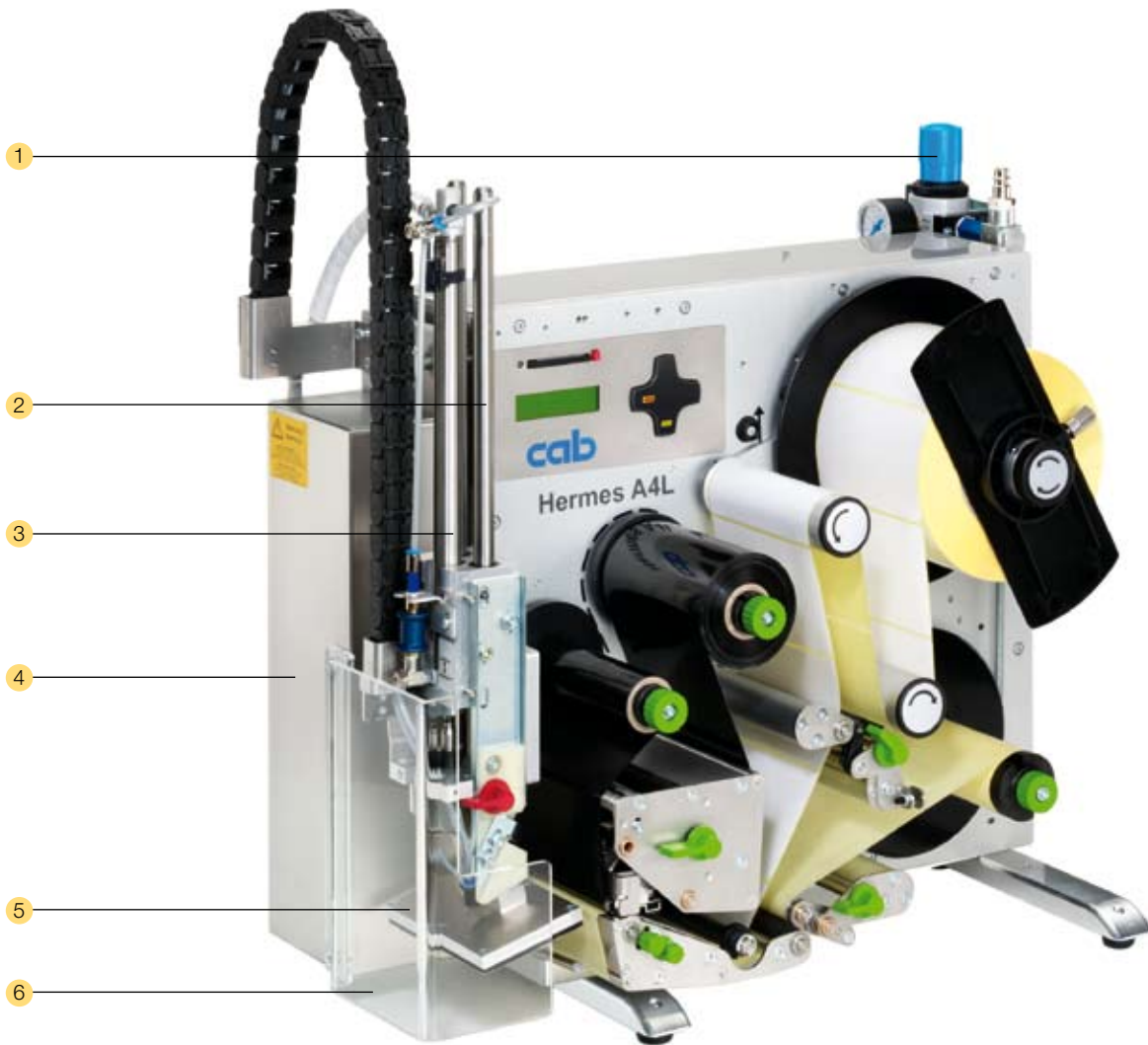
cablabel R2 provides its own drivers with individual respond to all different function of cab printers. This most effective way of communication between software and printer enables to achieve perfect results.

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	Pro
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	■	■
Graphic format import	■	■
Color support	■	■
Color graphic reduction		■
Text art		■
True Type font	■	■
Graphic barcodes numbers	■	■
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 formatting		■
Basic formula		■
User Input Fields		
Text alignment		■
Set input format		■
Minimum input length		■
Selection of default values		■
Automatic prompt		■
Extras		
UCC/EAN 128 and Maxicode Assistant		■

10 Applicators



1. Compressed Air Supply Unit

Assembled to the printer, frame or stand. The micro filter avoids contamination, the pressure regulator ensures the print and apply quality.

2. Long Service Life

All guides have ball bearings and are therefore resistant to wear.

3. Variable Product Heights

Pneumatic cylinders makes it possible to print and apply at different heights. The cylinder is available in different lengths.

4. High Process Reliability

Adjustable air jet streaming, vacuum as well as the speed of the cylinder is adjustable. Control is made by sensors.

5. Real Time Print and Apply

Applicators for small and big labels enables application of labels with a height of 4-250 mm and a width of 4-116 mm.

6. Protective Cover

Used in the semi-automatic operation mode
Standard size 1 for labels W x H up to 70 x 80 mm
Size 2 for labels W x H up to 116 x 80 mm
Further sizes on demand.

7. Applicator with part to be turned away

Easy and fast access to the printers mechanics for material change or for maintenance work.



Tamp Pad



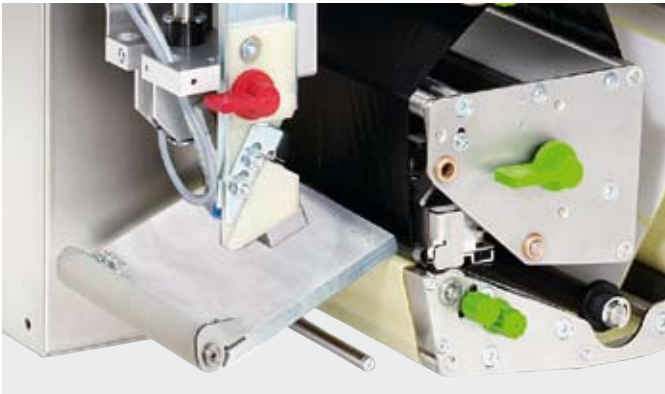
The tamp pads are manufactured according to the label size. Depending on size and application the tamp may be hard, damped or spring mounted. The product is in fixed position during the print and apply process.

Blow Pad



The print and apply process occurs with the product in a fixed position or during linear movement. The blow pad moves to a pre-adjusted position above the moving or static product.

Roll on Pad



The label is pushed underneath the roll as it is printed. Now, the tamp pad moves on top of the product. The label is then rolled on and applied as the product moves below the pad.

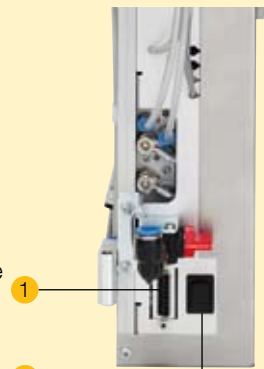
Applicator Interface

1. Digital I/O-Interface

The print and apply process is started and stopped by a host control interface. At the same time, status and error messages are displayed

2. Release Button

Tests the print and apply process. When actuating the release button the first time the label is printed and held by the applicator. When actuating the release button again the application process is executed.



Present trigger



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

Foot switch



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

Photo cell



For automatic product identification on the conveyor belt.

Sub-D plug



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

12 Applicators

Label transfer in real time

The applicators enable labels to be applied downwards, upwards as well as sideways on the product.

The labels are taken directly from the printer to the tamp pad. The size of the tamp pad is customised to any label dimension.

Type 1005	Type 1300	Type 1400	Type 1500
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Blow/Tamp

Tamp

Roll on

Tamp around the corner

For applying small labels on flat surfaces. The express changing system is recommended for different label sizes or for maintenance.

For applying larger-sized labels, even on inclined surfaces, with spring-mounted support to compensate for inclined surfaces.

Real time incline applicator with lifting cylinder and pinch roller.

For applying larger-sized labels around carton edges, e.g. sealing labels.

**replaces the types
1100, 1200, 2100**

Label transfer method	Blow	Tamp	Tamp	Roll on	Tamp
Label width mm	10 - 116	8 - 116	75 - 116	50 - 116	40 - 116
Label height mm	10 - 80	5 - 80	80 - 200	100 - 250	40 - 200
Stroke of tamp mm	100 - 400	100 - 400	100 - 400	100 - 400	100 - 400
compressed air supply bar	5 - 6		5 - 6	5 - 6	5 - 6
Requ. on product surface	flat		flat	flat/cylindrical	flat/right angle
for transfer printer					
A4L - label outlet left		■	■	■	■
A4R - label outlet right	■		■	■	■
A5L - label outlet left		■	■	■	■
A5R - label outlet right	■		■	■	■
Product height					
variable	-	■	■	■	■
fixed	■	-	-	-	-
Product					
fixed	■	■	■	-	■
in montation	■	-	-	■	-
in rotation	-	■	-	■	-
Cycle time					
print and apply rate, labels/min.	30		20	35	12

Dispensing Module

Type 3100/3200

Type 4200

Type 5100



Tamp/Blow

Vertical swinging by 90° or 180°

Labels are tamped or blown on the product, e.g. sideways.

Tamp

horizontal rotating by 90° or 180°

For applying smallest labels with additional rotation away from the printing direction.

Roll on

Mechanical dispensing module / printed labels are in the dispense buffer.

Label transfer method	Blow	Tamp	Blow	Roll on
Label width mm	10 - 116	8 - 116	4 - 116	25 - 116
Label height mm	10 - 80	5 - 80	4 - 20	20 - 200
Stroke of tamp mm	-	10	100 - 400	-
Compressed air supply bar	5 - 6		5 - 6	-
Requ. on product surface	flat		flat	flat
for transfer printer				
A4L - label outlet left		■	■	■
A4R - label outlet right		-	■	■
A5L - label outlet left		■	■	■
A5R - label outlet right		-	■	■
Product height				
variable		-	■	-
fixed		■	-	■
Product				
fixed	■	■	■	-
in motation	■	-	-	■
in rotation	-	-	-	-
Cycle time				
print and apply rate, labels/min.	30		12	60

14 Assembly aids

Upright Print and Apply System



Base Plate



Designed for integrating the printer onto a production line. The printer is fixed by two centering bolts and mounted by means of a knurled screw from the bottom of the cover plate.

Assembly Frame A



Additional feet are mounted at the base plate. Height can be customized from 60 – 400 mm.

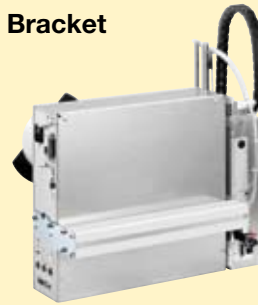
Assembly Frame B



To enable the positioning of products of different in sizes XY adjusters are used. The adjusting range in X and Y direction is 75 mm. As soon as the product is correctly aligned, the print and apply process can be released by a switch.

Print and Apply System hanging

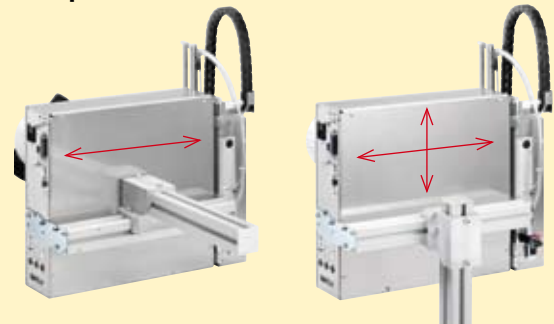
Bracket



Profile dim.: 50 x 50 mm
Supplier: Rose+Krieger
Article-No.: 4.08.5000

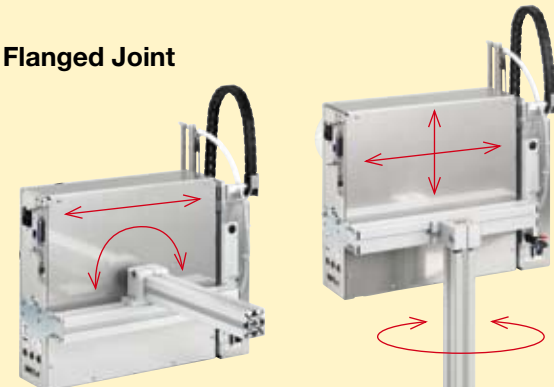
The bracket enables mounting of the printer in hanging position.

Clamped Joint



The clamped joint enables mounting of the printer vertically, horizontally and rotated by 90°. By moving the profiles in the Cardan joint the label application can be adjusted to the product placement.

Flanged Joint



The flanged joint enables rotation of the printer around the profile axis. References in angles are compensated, too.

The Hermes Stand

The Hermes stand enables use of the printer in a fast and flexible manner on any kind of production line. The print and apply position is adjustable to the product in height and width with just a few turns. Four guide rollers on the chassis ensure mobility. On site, the stand is adjustable by foot-rests. Maximum labeling height is about 1400 mm.



With bracket and clamp joint

The printer may be rotated in 90 degrees steps in three axis.



With bracket and flange joint

The printer can be rotated around the support beam.



The Hermes stand for a flexible printer installation




























Example: Print and apply in transport direction



Example: Print and apply crosswise to the transport direction



16 Delivery program

		Transfer printer				Accessories	
L	R	Part No.	Description	L	R	Part No.	Description
		5949700	Transfer printer Hermes A4L/300 dpi			5537747	Indicator light
		5949701	Transfer printer Hermes A4L/600 dpi			5537742	Sensor end of labels HA4L
		5949702	Transfer printer Hermes A4R/300 dpi			5942692	Sensor end of labels HA4R
		5949703	Transfer printer Hermes A4R/600 dpi			5955300	Sensor end of labels HA5L
		5949704	Transfer printer Hermes A5L/300 dpi			5955301	Sensor end of labels HA5R
		5949705	Transfer printer Hermes A5L/600 dpi			5955302	Sensor end of ribbon Hermes AL
		5949706	Transfer printer Hermes A5R/300 dpi			5955303	Sensor end of ribbon Hermes AR
		5949707	Transfer printer Hermes A5R/600 dpi				Barcode reader on request
		59497xx.102	Transfer printer Hermes with RFID read-write unit 13,56 MHz/Ethernet				
		Spare parts				5946930	External operation panel with connecting cable 3 m
		5946015	Print head 300 dpi, Type 4300S			5901630	Compact PC keyboard USB, Cherry Slim Line G84 4100
		5946006	Print head 600 dpi, Type 4600			5917909	Numeric keyboard USB
		5537771	Drive roller			5561042	Memory card 256 MB CompactFlash Type 1
		Connecting cables		Software			
		5550818	Connecting cables: RS232 C, 9/9-pin, length 3 m			5580210	Database Connector
		5550771	Connecting cables: Centronics			5580215	Network Manager
		Interfaces				5580216	cab Card Manager
		5942361	USB interface with cable 1.8 m			5580220	Label Software cablabel R2 Lite
		5942360	RS422/485 interface			5580221	Label Software cablabel R2 Pro
		5942363	Fast-Ethernet interface				
		5561034	Wireless bridge with connecting cable and power supply				
		5954191	Label selection box				

All specifications about delivery, design and technical data are given to the best of our current knowledge and are subject to change without prior notice

Applicators			
L	R	Part No.	Description
■		5950250	Universal Tamp Appli. 1005L-100H
■		5950251	Universal Tamp Appli. 1005L-220H
■		5950252	Universal Tamp Appli. 1005L-300H
■		5950253	Universal Tamp Appli. 1005R-100H
■		5950254	Universal Tamp Appli. 1005R-220H
■		5950255	Universal Tamp Appli. 1005R-300H
■	■	5xxxxxx	Express changing system
■	■	5xxxxxx	Tamp Pad type 11xx size w x h
■	■	5xxxxxx	Blow Pad type 21xx size w x h
		5940625	Express changing system tamp pad
		5947494	Express changing system blow pad
		5535706	Adapter Pad 11xxL (to type 1200)
		5942858	Adapter Pad 11xxR (to type 1200)
■		5941000	Tamp Applicator 1300L-220H
■		5941001	Tamp Applicator 1300L-300H
■		5941100	Tamp Applicator 1300R-220H
■		5941131	Tamp Applicator 1300R-300H
■	■	5xxxxxx	Tamp Pad type 13xx size w x h
■		5945450	Inline Applicator 1400L-220H
■		5945452	Inline Applicator 1400R-220H
■	■	5xxxxxx	Tamp Pad type 14xx Format bxh
■		5945558	Overedge Applicator 1500L-220H
■		5945596	Overedge Applicator 1500L-300H
■		5945561	Overedge Applicator 1500R-220H
■	■	5xxxxxx	Tamp pad type 15xx size w x h
■		5537966	Blow Swing Applicator 3100H
■		5xxxxxx	Blow Pad type 31xx size w x h
■		5537964	Blow Swing Applicator 3200H
■		5xxxxxx	Tamp Pad type 32xx size w x h
■		5941965	Tamp Turn Applicator 4200-220H
■		5941972	Tamp Turn Applicator 4200-300H
■		5xxxxxx	Tamp Pad type 42xx size w x h
■		5941150	Dispensing module 5100L
■		5941170	Dispensing module 5100R
Spare Parts			
		5943827	Teflon glide foil size DIN A4
		594xxxx	Teflon glide foil tamp size w x h
		5943828	Absorbing foam size DIN A4
		594xxxx	Absorbing foam tamp size w x h
		5xxxxxx	Absorbing rubber



Accessories	
Part No.	Description
5947310	Cover Tamp Pad size 1L
5947311	Cover Tamp Pad size 2L
5947317	Cover Tamp Pad size 1R
5947318	Cover Tamp Pad size 2R
5537960	Air pressure regulator Applicator Hermes L
5942689	Air pressure regulator Applicator Hermes R
5917652	Interface plug 15pole SUB-D-plug Phoenix Contact No. 27 61 60 6
5942345	Release switch TR1
5535901	Foot switch applicator PLC
5941526	Product sensor SPS
5941153	Product sensor for dispensing module 5100
Assembly Aids	
5941771	Base Plate
5941772	Assembly Frame A Workpiece height 150 mm
55xxxx	Assembly Frame A Workpiece height customer specific
5941773	Assembly Frame B Workpiece height 150 mm with X-/Y-stopper and release switch
55xxxx	Assembly Frame B Workpiece height customer specific with X-/Y-stopper and release switch
5949798	Bracket Profile Dim.: 50 x 50 mm Supplier: Rose+Krieger Article-No 4.08.5000
8914443	Clamped Joint Profile Dim.: 50 x 50 mm Supplier: Rose+Krieger Article-No 4.08.5000
8914444	Flanged Joint Profile Dim.: 50 x 50 mm Supplier: Rose+Krieger Article-No 4.08.5000
5947400	Stand 1600
Testbox	
5533240	Testbox 2 for automatic operation

Precision - Made in Germany



For more than 30 years now cab has been developing and manufacturing label marking systems for industry, commerce 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.

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