

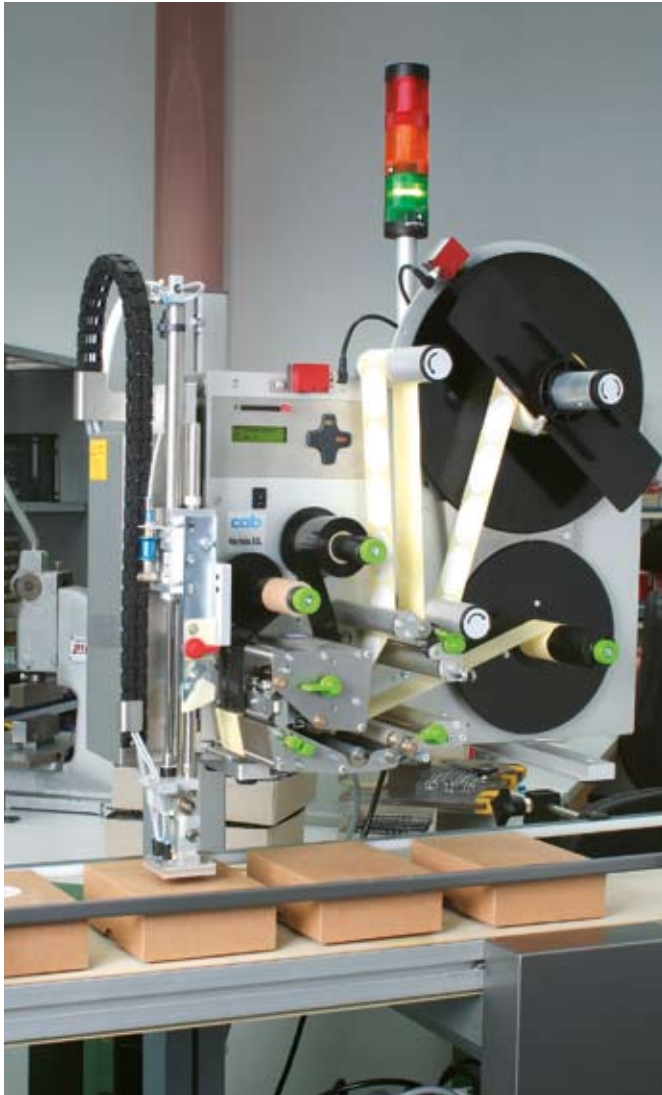


Print and Apply **Hermes A** The Executive Class.

Edition 5.1

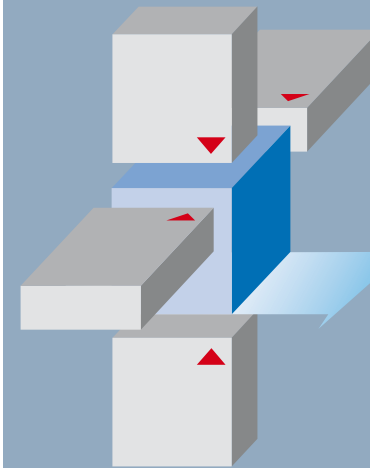
2 Applications

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



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.

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 installation position and can 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.

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.

Prints and applies to the right or to the left

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

Printing method	Thermal transfer / Thermal direct	
Print resolution dpi	300	600
Print speed up to mm/s	250	100
Print width up to mm	105,6	105,6



A2L
New

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

Printing method	Thermal transfer / Thermal direct	
Print resolution dpi	300	600
Print speed up to mm/s	250	100
Print width up to mm	105,6	105,6



A4L

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

Printing method	Thermal transfer / Thermal direct	
Print resolution dpi	300	600
Print speed up to mm/s	250	100
Print width up to mm	105,6	105,6



A4R

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

Printing method	Thermal transfer / Thermal direct	
Print resolution dpi	300	600
Print speed up to mm/s	250	100
Print width up to mm	105,6	105,6



A5L

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

Printing method	Thermal transfer / Thermal direct	
Print resolution dpi	300	600
Print speed up to mm/s	250	100
Print width up to mm	105,6	105,6



A5R

4 Technical details

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

For test run. The first push releases the printing of the label and feeds it forward to the peeling position. Pushing the button a second time actuates a backfeed and the printing of the next label.

5. Ribbon re- and unwinder

Clamping shafts provide a fast and easy exchange of the ribbon.

6. Mounting bracket

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

7. Mounting of the applicator

The applicator is mounted on hinges and can be exchanged easily.

8. Printing offset

After exchanging the label roll the printing position is set up automatically after a few printed labels. The label position is stored, even if the machine is turned off.

9. Printhead

The printhead can be exchanged easily. Adjustments and setups are not necessary.

10. Ribbon optimization by lifting the printhead

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 a highly accurate printing and the precise feeding of labels.

12. Label unwinder

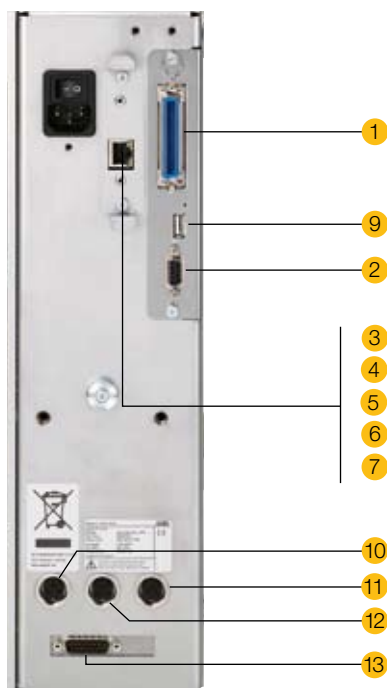
The swing lever and the integrated brake make sure that the labels are unwound with constant tension.

13. 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 roll.

14. 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-I/O 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 interfaces

- 9. **USB master** interface to connect external operation panel, keyboard, scanner other USB storage
- barcode scanner
- 10. **Sensor** end of label
- 11. **Sensor** end of ribbon
- 12. **Warning light**
- 13. **Digital I/O** interface for applicators from other manufacturers
- 14. **Interface** for cab applicators

■ Standard ☐ Option

Stand-alone operation without PC

The layout of the labels is created either with the label software or directly on the PC.

Label formats, fonts and graphic data, serial data and data base contents are saved on the USB memory.

Only the variable data is sent to the printer via keyboard or host computer before being printed out.

Data of a barcode scanner or a scale can be fed additionally.



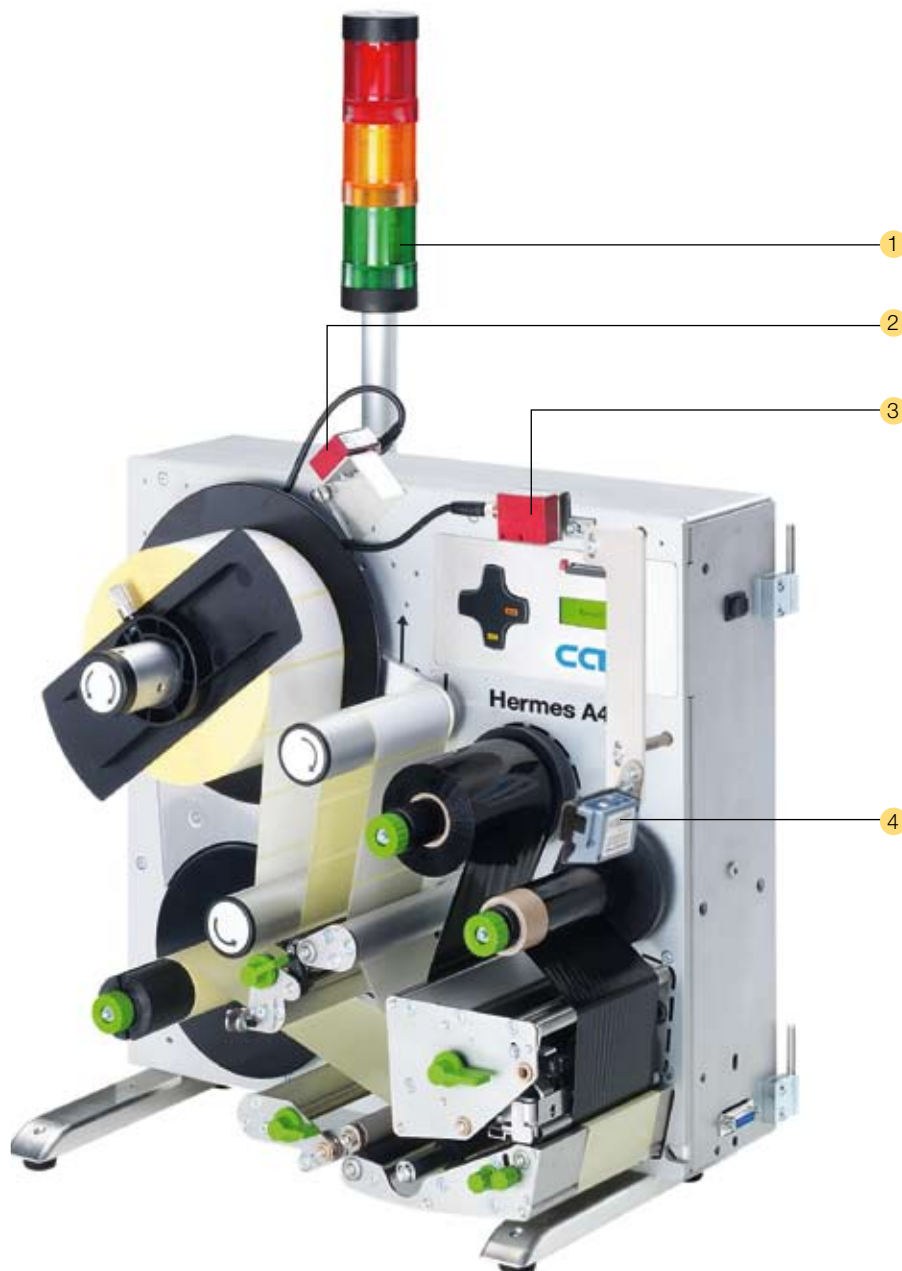
Innovative technology for a better climate protection, energy-saving, environmentally conscious

6 Technical data

1. Printhead	Hermes	A2	A4	A5
Printing method	Thermal/Thermal transfer			
Print resolution dpi		600	300	600
Print speed up to mm/s		100	250	100
Print width up to mm		57	105.6	105.6
2. Material				
Label rolls or fan folded, thermal or standard paper, plastic foils PE, PP, PVC, PA, PI				
Material thickness ¹⁾ mm / weight g/m²		0.055 - 0.35	60 - 160	
Label width ¹⁾ mm		4 - 61	4 - 116	
Width of carrier ¹⁾ mm		25 - 65	25 - 120	
Label height ¹⁾ mm		4 - 200		
Media roll: Total diameter up to mm		205	205	300
Core diameter mm		76 - 100		
Winding direction		inside or outside		
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		56	114	
4. Internal rewinder				
Total diameter up to mm		145	145	200
Core diameter mm		38.1		
5. Dimensions				
Height mm		390	390	542
Depth mm		420	420	527
Width mm		220	276	276
Weight kg		17	18	20
6. Label sensor				
See-trough sensor for label edge or punching mark and end of material				
Reflective sensor from the bottom		for printing marks		
Distance to locating edge mm		2 - 47		
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				
Buttons / Display: Pause, Feed, Chancel, Menu, Enter, 4 x Cursor				
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				
Parallel Centronics bi-directional acc. to IEEE 1284		■		
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		□		
Peripheral connection		■		
RS 422, RS 485 1.200 bis 230.400 Baud/8 Bit		□		
Wireless bridge 802.11b		□		
USB Master for exter. operation panel, keyboard a. scanner		■		
Sensor end of label		■		
Sensor end of ribbon		■		
Warning light		■		
Digital I/O interface for applicators from other manufact.		■		
Interface for cab applicators		■		
10. Monitoring				
Stop printing if	End of ribbon, end of label, printhead open			
11. Settings				
	Time, date and analog clock.			
	Country and language settings			
	BE, BG, CH, CN, CZ, DE, DK, ES, FI, FR, GR, HR, HU, IR, IT, LT, MK, MX, NL, NO, PL, PT, RU, RS, SE, SI, TH, TR, UK, US, ZA			
	System settings, print parameters, interfaces security.			
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		
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, 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 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 JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar	
	All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and Start/Stop code, depending on code type.	
16. Software		
Programming	J-Script Direct programming abc-Basic Compiler Database Connector	■ ■ □
System diagnostics/ Administration	printer monitoring Network Manager	■ □
cab label software	cablabel R2 Lite cablabel R2 Pro	■ □
Further label software	Easylab, Codesoft, Nicelabel, Bartender, Label Matrix, Labelview	□
Windows driver	2000, XP 32/64 bit, 2003, 32/64 bit, Vista 32/64 bit	■
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	30 - 85% not condensing	
Approvals	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.



1. Warning 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 for operation.

2. Warning sensor labels

Before the labels run out, a warning message is indicated both at the warning 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. Warning sensor ribbon

Before the ribbon runs out a warning message is indicated both on the warning 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. External operation panel



Connection: USB
Keys: Menu, Pause, Feed, Cancel, 4 x Cursor
Graphik Displ. : 120 x 32 dots
Slot for: CompactFlash-card Typ I up to 2 GB

7. Memory card



CompactFlash Typ I up to 2 GB
Label formats, fonts, texts and graphics can be saved. It can be accessed from the printer or from the PC.

8. Numerical keyboard



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

9. Compact keyboard



Connection: USB
No. of keys: 86
L x W mm: 282 x 132
Cherry Classic Line
G84-4100 LCM

The operation and the compliance with CE-standards is only warranted by using cab-made materials or materials recommended by cab.

8 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 operating 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 the 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

2 for labels W x H up to 116 x 80 mm

Further sizes on request.

7. Retractable applicator

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



Applicator interface

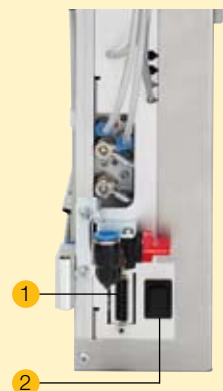
1. Digital I/O-Interface

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.



Label transfer in real time

The applicators enable the labels to be applied downwards, upwards or sideways on to the product. The size of the tamp is customized to any label dimension.

Depending on the operation mode the inclined surface is stiff, damped or spring-mounted.

Universal Applicator	Tamp Applicator	Tamp turn Applicator	Precision Applicator	Dispensing Module
1005	1300	4200	4400	5100
Blow/Tamp For blow-on or tamp-on of labels, optionally with fast change device.	Tamp For applying larger-sized labels with spring-mounted support surface for adjusting inclined surfaces.	Tamp For applying very small labels with additional horizontal label rotation of 90 or 180°.	Tamp For applying very small labels with additionally adjustable label positioning in x- or y-direction.	Roll on Mechanical dispensing module. The print speed and conveyor speed have to be synchronized.



Further types on request.

Transfer method	Blow	Tamp	Tamp	Tamp	Tamp	Roll on
Label width mm	10 - 116	8 - 116	80 - 116	4 - 80	4 - 110	25 - 116
Label height mm	10 - 80	5 - 80	80 - 200	4 - 20	4 - 80	20 - 200
Compressed air/bar	5 - 6					
Stroke of tamp mm	220 - 300 - 400 and more on request					
Product height						
variable	-	■	■	■	■	-
fixed	■	-	-	-	-	■
Product						
fixed	■	■	■	■	■	-
in motion	■	-	-	-	-	■
in rotation	-	■	-	-	-	-
Cycle time						
print and apply rate, labels / min.	30		20	12	12	60

Present trigger



In semi-automatic operation the present trigger is used to start a complete print and apply cycle.

Foot switch



In semi-automatic operation the printing and applying of a label is started by actuating the foot switch.

Photo cell



To start the print and apply operation by identifying the product on a conveyor belt.

Sub-D plug



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

10 Assembly aids

Upright Print and Apply System



Base Plate



Designed for integrating the printer into 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.

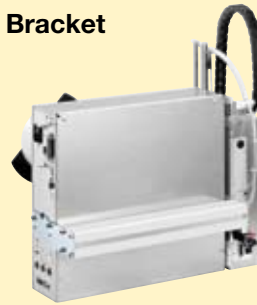
Assembly Frame B



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

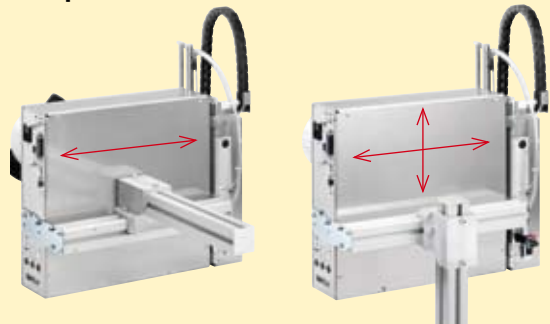
Bracket



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

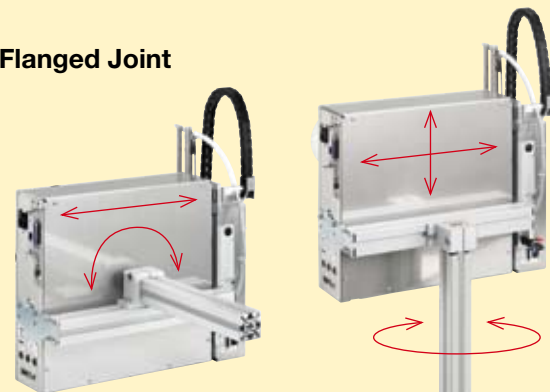
The bracket enables mounting of the printer in hanging position.

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 support profile. References in angles are compensated, too.

The Hermes stand

The Hermes stand enables the user to operate 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 can be adjusted rectangular in three directions.



With bracket and flange joint

The printer can be rotated around the support profile.



The Hermes stand for a flexible printer installation

Example: Print and apply in transport direction



Example: Print and apply transverse to the transport direction



12 Software tools

Printer Control

Direct programming with J-Script

J	Job Start
H 100	Speed (100 mm/s)
O R	Orientation rotated by 180°
S 11;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)

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

abc - Basic Compiler

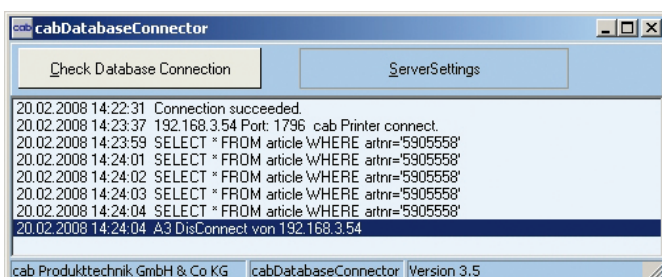
```
default.lbl - Editor
Datei Bearbeiten Format Ansicht ?

<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
</ABC>
```

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

Database Connector

The database connector enables stand-alone printers to link up data from a SQL-compatible database and to print. Data can be rewritten and modified simultaneously to the printing process.



Monitoring

Printer monitoring with Intra- and Internet

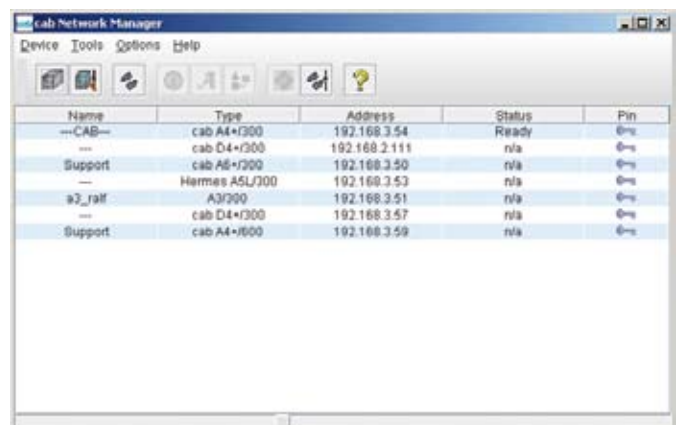


The integrated HTTP- and FTP-Server enables, with standard programs like web browser or FTP-clients, the print monitoring, configuration, the firmware-update and the administration of the memory card. Status signals, warning or error signals are sent to users or administrators either as email or SNMP-datagram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

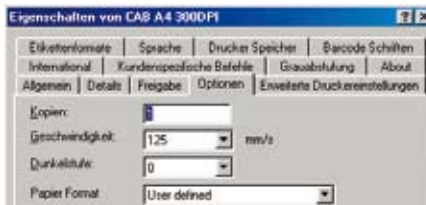
Administration

Network Manager

The cab network manager enables the user to govern several printers within the network at the same time. It supports monitoring, configuration, firmware updates, memory card, datasynchronization and PIN-administration centrally.



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 2000, XP 32/64 bit, 2003 32/64 bit, Vista 32/64 bit.

Mac OS X-Treiber



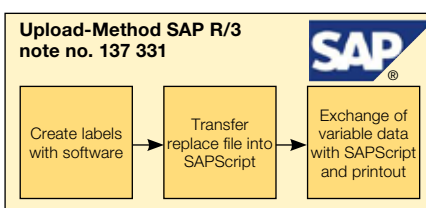
For MAC OS X cab offers a CUPS based printer driver.

Linux-Treiber



For LINUX cab offers also a CUPS based printer driver.

Integration into SAP R/3



cab developed together with SAP the "replacefile" application. This is a simple way to run cab printers with SAPScript out of SAP R/3.

The software to create labels



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 code-pages are supported.

● cablabel R2 Lite

Extensive standard label software. You get it - free of charge - with every cab printer.

● cablabel R2 Pro

Allows of the embedding of diverse data bases into a label. An assistant supports the creation of UCC/EAN 128 barcodes.

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 greater response to all different functions of cab printers.











Take advantage of using the multiple possibilities of cablabel R2.

Additional label Software












The transfer printers and print and apply systems can be easily controlled with Codesoft, Bartender or NiceLabel.

cablabel R2	Lite	Pro
32-Bit Platform-compatibility		
Windows 2000 SP4,	■	■
XP Professionnel SP2		
Server 2003 SP2 and Vista 32 bit		
Country and language settings		
BE, BG, CH, CN, CZ, DE, DK, ES,	■	■
EE, FR, FI, GB, GR, HU, HR, IT, IL,		
JP, KR, LT, LV, MK, MX, NO, NL,		
PT, PL, RU, SE, SI, RS, TR, US, ZA		
Label samples	■	■
Online document. with tutorials	■	■
Multi-level Undo	■	■
number of levels	1	40
Graphic format import	■	■
Color support	■	■
Color graphic reduction		■
Text art		■
TrueType 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 formatting		■
Basic formula		■
User input fields		
Text alignment		■
Definition input format		■
Minimum input length		■
Selection of default values		■
Automatic input		■
Extras		
UCC/EAN 128 and Maxicode Assistant		■

14 Delivery program

	Part No.	Hardware	left =L right =R dpi
	5955400	Transfer printer Hermes A2L/600	
	5949700	Transfer printer Hermes A4L/300	
	5949701	Transfer printer Hermes A4L/600	
	5949702	Transfer printer Hermes A4R/300	
	5949703	Transfer printer Hermes A4R/600	
	5949704	Transfer printer Hermes A5L/300	
	5949705	Transfer printer Hermes A5L/600	
	5949706	Transfer printer Hermes A5R/300	
	5949707	Transfer printer Hermes A5R/600	
	59497xx.102	Transfer printer Hermes with RFID read-write unit 13,56 MHz/Ethernet	
	Content of delivery:	Transfer printer, Power cable Type E+F, length 1,8 m Operating manual German/English	
	CD-ROM:	cablabel R2 Lite in 24 languages, operating manual German, English, French, Spanish and Italian	
	Part No.	Spare parts	
	5906761.001	Print head 2/600	
	5905826.001	Print head 4/300	
	5905825.001	Print head 4/600	
	5537319.001	Print roll DR2	
	5537771.001	Print roll DR4	
	Part No.	Connecting cables	
	5550818	Connecting cables RS232 C 9/9-pin, length 3 m	
	5550771	Connecting cables Centronics, length 3 m	

Part No.	Interfaces
5942361	USB interface with cable, length 3 m
5942360	RS422/485 interface
5942363	Fast-Ethernet interface
5561034	Wireless bridge mit with connecting cable and power supply
5954191	Label selection-I/O box
Part No.	Accessories
5537747	Warning light
5537742	Sensor end of label HA4L
5942692	Sensor end of label HA4R
5955300	Sensor end of label HA5L
5955301	Sensor end of label HA5R
5955302	Sensor end of ribbon Hermes AL
5955303	Sensor end of ribbon Hermes AR
on request	Barcode reader
5946930	External operation panel with connecting cable 3 m
5561043	Memory card Compact-Flash Type 1
5917909	Numeric keyboard USB
5901630	Compact PC keyboard USB, Cherry Slim Line G84 4100
Part No.	Software
5580210	Database Connector
5580215	Network Manager
5580221	Label software cablabel R2 Pro
9008486	Programming manual english, printed copy

	Part No.	Applicators	left = L right = R		Part No.	Accessories	left = L right = R
	5950250	Universal Applicator 1005L-100H			5947310	Cover Tamp Pad size 1L	
	5950251	Universal Applicator 1005L-220H			5947311	Cover Tamp Pad size 2L	
	5950252	Universal Applicator 1005L-300H			5947317	Cover Tamp Pad size 1R	
	5950308	Universal Applicator 1005L-400H			5947318	Cover Tamp Pad size 2R	
	5950253	Universal Applicator 1005R-100H			5537960	Air pressure regulator Applicator Hermes L	
	5950254	Universal Applicator 1005R-220H			5942689	Air pressure regulator Applicator Hermes R	
	5950255	Universal Applicator 1005R-300H			5917652	Interface plug 15pole SUB-D-plug Phoenix Contact No. 27 61 60 6	
	5950365	Universal Applicator 1005R-400H			5942345	Present trigger TR1	
	5xxxxxx	Express changing system			5535901	Foot switch applicator SPS	
	5xxxxxx	Tamp pad type 11xx size w x h			5941526	Product sensor SPS	
	5940625	Express changing system tamp pad			5941153	Product sensor for dispensing module 5100	
	5947494	Express changing system blow pad					
	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					
	5941965	Tamp Turn Applicator 4200L-220H					
	5941972	Tamp Turn Applicator 4200L-300H					
	5941978	Tamp Turn Applicator 4200R-220H					
	5941980	Tamp Turn Applicator 4200R-300H					
	5xxxxxx	Tamp Pad type 42xx size w x h					
	5950289	Precision Appli. 4400L-XY-220H					
	5950291	Precision Appli. 4400R-XY-220H					
	5xxxxxx	Tamp pad type 44xx size w x h					
	5941150	Dispensing module 5100L					
	5941170	Dispensing module 5100R					
	Part No.	Spare Parts			Part No.	Assembly Aids	
	5943827	Teflon glide foil size DIN A4			5941771	Base plate	
	5xxxxxx	Teflon glide foil tamp size w x h			5941772	Assembly frame A Workpiece height 150 mm	
	5943828	Absorbing foam size DIN A4			55xxxx	Assembly frame A Workpiece height customer specific	
	5xxxxxx	Absorbing foam tamp size w x h			5941773	Assembly frame B Workpiece height 150 mm with X-/Y-stopper and release switch	
	5xxxxxx	Absorbing rubber			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	
					5533240	Testbox 2 for automatic operation	

The specification are according to our current technical knowledge. The are subject to change.

Product marking

The cab Delivery program



Transfer printer
MACH4



Transfer printer
A+ Series



Print and Apply
Hermes A



Print engine PX-Series



Transfer printer e4



Labels



Ribbons



Label software



Label dispenser
HS150



Scanner and MDE



Laser Marking System
FL-Series



Safety housing
with Accessories



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