# All Transfer Printers

## m4

### M4 - The model for starters
with USB and Ethernet interface as standard

| | | | |
|---|---|---|---|
| Print resolution | dpi | 203 | 300 |
| Print speed | mm/s | 150 | 100 |
| Print width | mm | 104 | 108.4 |
| Liner width | mm | 120 | 120 |

## a3-2

### A3-2 - The narrow one
for labels up to 60 mm width

| | | |
|---|---|---|
| Print resolution | dpi | 300 |
| Print speed | mm/s | 150 |
| Print width | mm | 54.2 |
| Liner width | mm | 65 |

## a3

### A3 - The universal printer
with printhead up-grade 203 to 300 dpi

| | | | |
|---|---|---|---|
| Print resolution | dpi | 203 | 300 |
| Print speed | mm/s | 200 | 150 |
| Print width | mm | 104 | 108.4 |
| Liner width | mm | 120 | 120 |

## a4

### A4 - The fast one prints up to 250 mm/s with 300 dpi
### The precise one prints with 600 dpi

| | | | |
|---|---|---|---|
| Print resolution | dpi | 300 | 600 |
| Print speed | mm/s | 250 | 100 |
| Print width | mm | 105.6 | 105.6 |
| Liner width | mm | 120 | 120 |

## a6

### A6 - The wide one
for labels up to 176 mm width

| | | |
|---|---|---|
| Print resolution | dpi | 300 |
| Print speed | mm/s | 200 |
| Print width | mm | 162.6 |
| Liner width | mm | 180 |

## a8

### A8 - The extra wide one
for labels up to 220 mm width

| | | |
|---|---|---|
| Print resolution | dpi | 300 |
| Print speed | mm/s | 150 |
| Print width | mm | 216.8 |
| Liner width | mm | 235 |

# The Printers convincing basic Benefits



## The Solid Housing
It is manufactured from die-cast aluminum. All print mechanics are fixed precisely at the housing. The spindles are mounted in ball bearing washers wihout wearing for the whole service life.

## Most compact in its class
The two-piece cover conveniently folds while opening. So the printer requires the smallest footprint in its class.
The cover is manufactured of shock resistant plastic like the hard helmets in the building industry.

## Most robust in its class
On request the transfer printers are available with full metal cover (standard with the A8). This cover is retrofit to all printers.
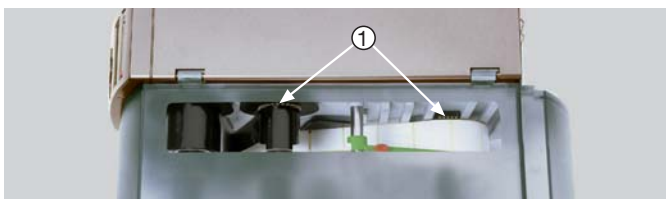


## ▲ Top Media Window in plastic cover
With the top media window you can even monitor narrow label stock and ribbon. Indicators ① on the label and ribbon hubs tell the user when it's nearly time to load more media

## Large Media Window ▶
The large media window in the plastic and metal cover is located on the side of the printer to allow easy viewing and monitoring of the remaining label stock and ribbon.

# Easy Handling

## Maintenance and Service

**Easy Loading of Labels and Ribbon**
The revolving media retainer secures even small label rolls in place. The diameter of the axis can be increased or decreased for easy loading and unloading of ribbon and liner.

**Memory Card**
On the CompactFlash memory card you can store label formats, fonts, text and graphics. The card can be loaded in the printer or using a PC.

**Graphic Display**
The graphic display monitors the current status of the printer and shows operation hints in 22 languages.

**Convenient Navigator Pad**
The Navigator Pad allows clear operation control. The illuminated keys highlight the active functions. With the graphic display the operation is easy to understand.
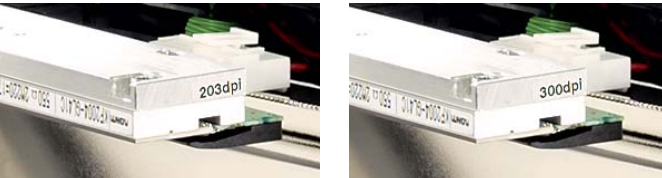
**The A3: Printing with 203 or 300 dpi in one device**
You can change quickly and easily the printhead from 203 to 300 dpi (or reverse) without making adjustments on the printer.
At power up, a printhead diagnosis will automatically detect the type of printhead and examine all dots for functionality.

**Automatic Print Positioning**
After loading a new roll of labels and pressing the Feed key, the print position will be detected after only dispensing a couple labels. The label position is now held in memory when you turn off the printer. The next time you turn on the printer, he will actually print without wasting the first label.

## Modular Construction
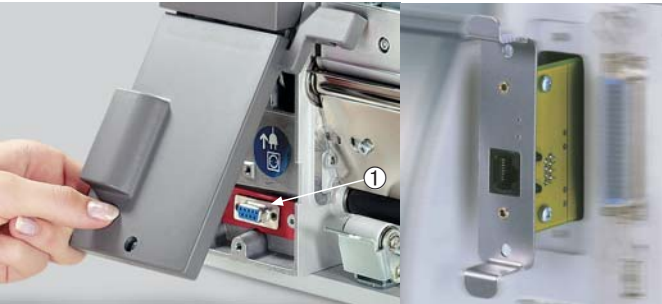
**Plug & Play Peripheral Accessories and Simple Interface Additon**
Simply connect the accessory to the peripheral port ① and mount the assembly in front of the print rollers. The interface extension slot can be used to add another interface. The printer automatically senses where the data is coming from and at once the device is ready for the job.

**Printhead**
The printhead opens wide for easy cleaning. In this position the printhead can be exchanged easily.

**Label Gap Sensor**
The label gap sensor can be removed completely with one touch of a finger and simply pulling it out. The bottom is flat without dirty corners.

**Print Roller**
For cleaning or replacement, the print roller can be easyly removed simply by loosening three screws.

**One Tool for all Maintenance Tasks**
For adjustments, attaching accessories, additional interfaces or spare parts an Allen key is the only tool needed, which is included with every printer.

# The right Accessories for every Application



**P-version with present function**

## Dispensing Labels

On the present plate the label is peeled off from the liner. The imprint and dispense quality is very high due to the additional driven rewind assist roller and the locking system.

There are three present modules to handle the present function:

**PS 8: Present sensor for the A/M-Series manual operation**

The present sensor indicates the label in the present position and stopps the printing job. After removing of the label, the next one is printed.

**PS 6: Present sensor for the A-Series manual and automatic operation**

The indication of the label in the present position is also done via the present sensor. With an additional accessories interface status reports like "label in present position" or "printer offline" can be send to an external application.

**PS 5: Peel-off adapter for the A-Series automatic operation**

The peel-off adapter runs without an optical sensor. The transfer of the label by an applicator or roboter is generated by an external signal. All other functions are identical to PS6.

**Present trigger for PS5 and PS6**

To start the print and the presenting of the next label a connection of a present trigger or foot switch is possible.



**Basic device**

## Printing and Tearing off Labels

After printing, labels and continuous material can be torn off using the tear-Off plate.

**PS7: Pause adapter for the A-Series**

Via the accessories interface the print job can be interupted and the status of the printer can be requested in all A-Series printers.



**R-Version with internal rewinder**

## Internal Rewinding of Labels

Label rolls up to 145 mm/5.7" diameter

can be rewinded with the internal rewinder after printing.



**Basic device**

## Cutting Labels

The cutter is used to cut labels, cardboard, textil or plastic foils or even heat-shrinkable tubes one label after the other, after a certain number of labels or at the end of the print job. We recommend that you test very rigid or thin material in advance.

The cutter tray is useful for collecting cut labels that are a width of 30 - 116 mm/1.18 - 4.56" and a height of 12 - 100 mm/0.47 - 3.93". The maximum stacking height is 36 mm/1.41".



**Basic device**

## External Rewinding of Labels

Label rolls up to 210 mm/8" diameter

The rewinder is fixed direct to the transfer printer. The winding can be inside or outside by choice.

## Direct Keyboard and Scanner Connection for Stand-Alone Mode

With a keyboard or scanner the printers can be used without a PC in stand-alone mode.

The PC keyboard will be connected to the USB Master interface of the printer. If keyboard and scanner will be operated at the same time, a hub is needed.

Label formats, fonts, standard texts and graphics are stored on the CompactFlash-memory card.



## Barcode Tester

The built-in scanner tests the barcodes directly after printing. If the barcode is not readable the printing process will be stopped at once so the faulty label can be removed. The barcode tester reads most linear barcodes positioned along the printing direction.



## Printer with RFID Read/Write Unit

The cab RFID printer can read and write transponders in smart labels with 13.56 MHz while printing. A separate data sheet is available upon request.
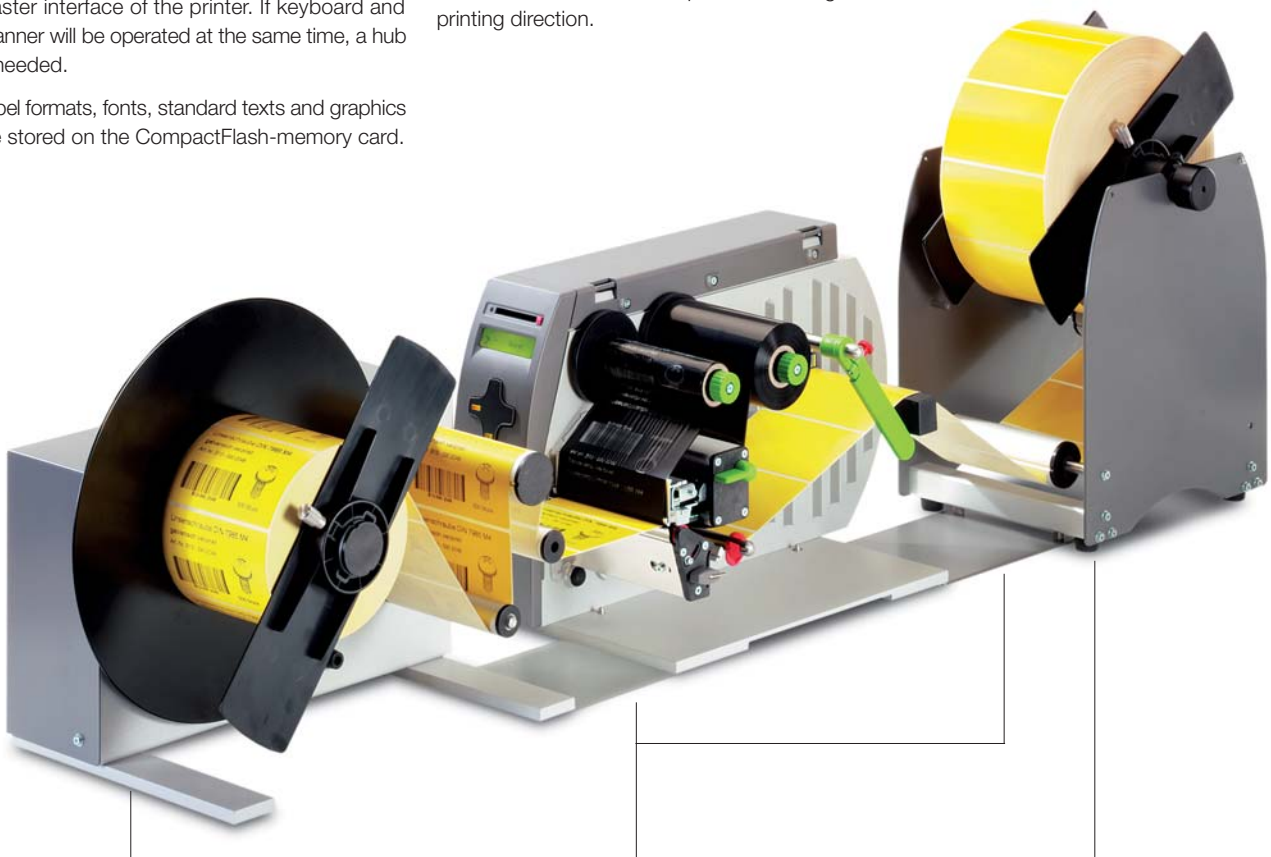


## External Rewinding of Labels

Label rolls up to 300 mm/11.81" diameter

With the built-in power supply the re-winder is operated independet to the printer. The guide is adjustable to the individual label exit height of serveral models of printers.

## Adapter plate for A/M-Series

With the adapter plate the correct position of the re- and un-winder to the printer ist fixed.

## External Unwinding of Labels

Label rolls up to 300 mm/11.81" diameter

The un-winder works with inside or outside wound label rolls.

# The A 1000 Applicator for Real Time Print and Apply

The applicator A 1000 represents, in combination with the thermal transfer printers A3 and A4, the inexpensive solution both for the semi-automatic labeling and for the integration into automated production lines.

## For Small and Big Labels
Labels with a height of 25 - 150 mm and with a width of 25 - 116 mm may be applied. The printer enables to use label rolls with a diameter of up to 210 mm.

## Quick Assembly
Like any other accessory, the applicator is plugged into the printer with two stoppers and fixed with only one screw.

## Variable Product Heights
By means of the pneumatic cylinder with a stroke of 300 mm it is possible to compensate differences in product heights of up to 150 mm. It is also possible to use cylinders with a longer stroke.

## Simple Adjustment
Four screws are necessary to adjust the tamp pad according to the dispensing edge. The sequence of the whole cycle may be optimized during the test operation at the operator panel.

## High Process Reliability
The supporting air jet streaming and the vacuum as well as the speed of the cylinder are adjustable. For highly sensitive products and packaging the pressure to apply labels may be reduced to less than 1 kg. Consequently there is no risk of injury. To avoid contamination within the vacuum channels these are cleaned by air pressure impulse at the end of each application.

## Long Operating Life without Wearing
The guides have ball bearings which avoid wearing and guarantee more than 2 million cycles

## PLC Interface
For all status and control signals

## Tamp Pad
During this print and apply cycle the product remains in fixed position. The universal tamp is covered by a foil. According to the size of the label the holes may be pierced. On request, the tamp pads are customized to the dimensions of the label sizes.

## Blow Pad
For applying pressure to sensitive products the label may be blown on to the product by the supporting air jet stream. The print and apply cycle performs in a fixed position or in linear movement of the product. The blow pad moves to a pre adjusted position approx. 10 mm away from the product.
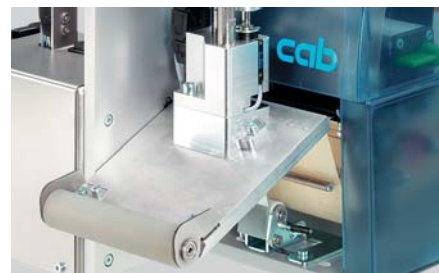
## Roll on Pad
Using the roll on pad the label is dispensed until touching the roller. The tamp pad moves on top of the product. The label is then rolled on and applied by the movement of the product.

## Lower Frame

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



## Stand A 1600

For great stability the stand is made of aluminum profiles so the print and apply system is ready for use on any automated production line. Also it can easily be adjusted in height and width to fit any product.

The guide rollers allow for smooth movement and transporting while the adjustable mounting pads allow easy positioning for the print and apply system for operation.

The print and apply system is mounted on a base plate that is 10 mm thick and is fixed using only a clamp.



## Present Trigger/Foot Switch

The present trigger or foot switch can be used for semi-automatic applications.
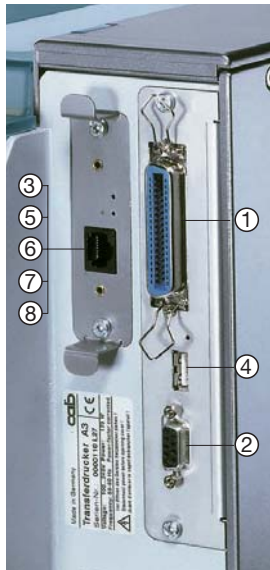


## Light Barrier

A light barrier or sensor can be mounted to automatically recognize a product on a conveyor belt.



## Interface Plug

Easily connected using simple clip screws.

# Interfaces for every Application

### PC-Connections
1. Bi-directional Centronics interface in acc. with IEEE 1284
2. Serial RS232 C-interfaceup to 230.400 Baud
3. USB-slave interface

### Stand-Alone-Mode
4. The USB-master interface for connecting PC keyboards or scanners

### Network Connection
5. Ethernet 10/100 Base T interface with TCP/IP protocol
   Printing with LPR/LPD or Raw IP-Printing
   IP address can be set manually or obtained via DHCP
   Status inquiry and settings via internet browser
   FTP for firmware updates, control of CompactFlash card files
   Messages can be sent via email or SNMP
   Time and date can be synchronized with a time server
6. Wireless LAN connection with optional bridge for every operation system

### Industrial Serial Interface
7. Serial RS422 interface for long distance communication
8. Serial RS485 interface for networking up to 26 printers

### Connection to IBM Host Computer
9. Twinax Converter for connection to IBM AS 400
10. Coax-Converter for connection to IBM 3270

# Programming

## Direct Programming
cab printers can easily be controlled using direct programming. The printer language „J-Script" is easy to understand and the printer can be quickly integrated into a system. In the grey box you see an example from the programming manual.

| | |
|---|---|
| J | Job start |
| H 100 | Speed setting (100mm/sec) |
| O R | Orientation Rotated by 180° |
| S l1;0,0,68,70,100 | Size of the Label (100x68mm, gap 2mm) |
| T 10,10,0,5,pt20;sample | Text line/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, Rectangle 30x9mm, Line thickness 0.3mm |
| A 1 | Amount of labels (in this sample 1) |

## Connection to Host Applications
It is a simple task to link the transfer printer with other host applications with the CompactFlash memory card which allows to store label formats and fixed data. The host computer simply transfers the required variable data to the printer. The example here shows one possible connection to SAP R/3.

| Label design with labeling software | Replace file loded in SAPScript | Exchange of variable data with SAPScript and print out |
|---|---|---|

Upload-Methode SAP R/3 note no. 135 894

## Scale connection
The connection to scale systems and automates are very easy. With the ABC-programing the printer is very flexible interpreting and using foreign data streams. For this reason the printer is able to control the complete process.

# Software and Tools

## Configuration through Intra- and Internet

With the built in HTTP and FTP server you can monitor and configure the printer with standard programs like webbrowsers and FTP clients, also updating the firmware and administrate the memory card. Status, warning and error messages can be send by the buildt in SNMP and SMTP client to administrators and user via email or as a SNMP datagramm.
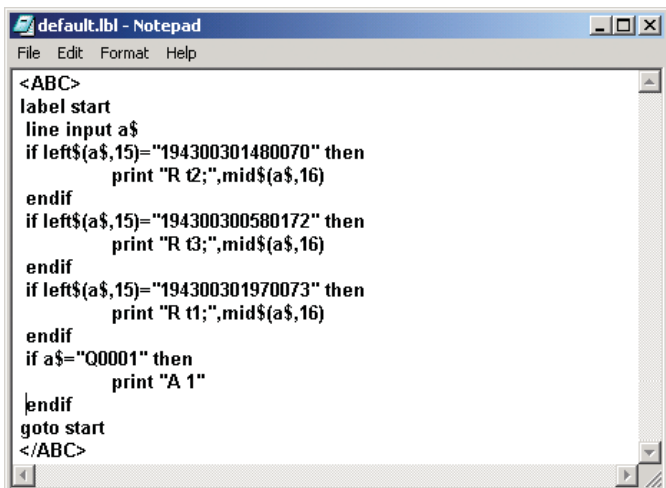
## abc - Basic Compiler

The Basic compiler is an integral part of the printers firmware. It enables the printer, using simple basic programming, to process data, before it has been passed to the pre-printing process. By Using this method printers from other manufactures can be replaced or data streams to other systems such as scales or a PLC be can be integrated and the relevant information printed in various label formats.
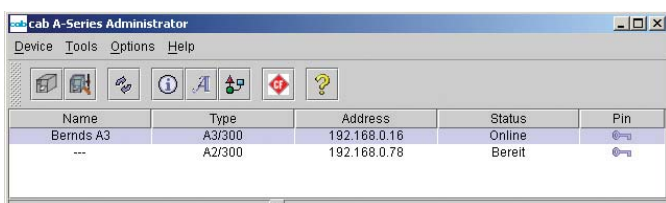
## Administrator Tool

With the cab A-Series administator tool, many printers can be controlled from one place in a network. The print status, control and administration of the CompactFlash card as well as the updating of the printer firmware and the PIN administration can be done efficiently from only one network-PC.
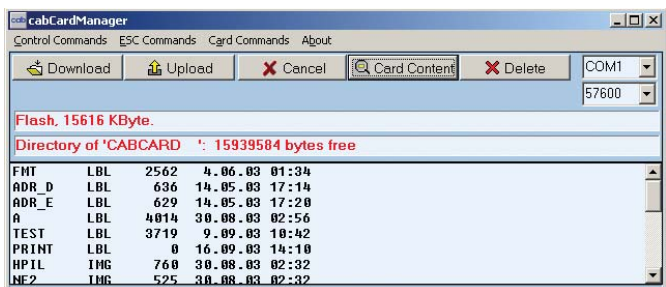
## cab Card Manager

With the Card manager you administrate via the RS232 interface to the memory card. Label formats, true type fonts, graphics and complete data-bases can be quickly and easily downloaded, accessed and modified.
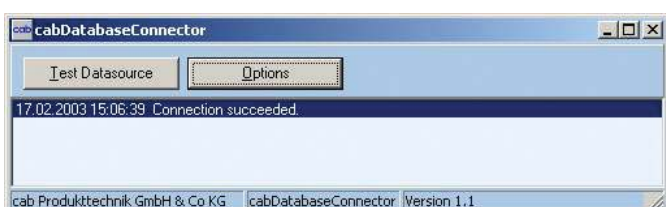
## Database Connector

The Database connector enables all A-Series printer in stand-alone mode to request data via TCP/IP direct from a central SQL-capable data base and print them on the label. While printing data can be send back and altered in the data base using the Database connector.

# Design your Labels quick and easy
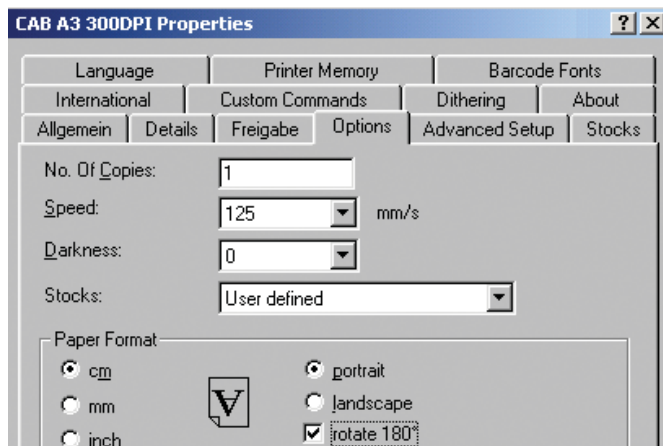


## Free cab Windows Driver - with every Printer

With every shipped printer you get a free Windows Driver. You can create and print your label using a Windows based program such as MS Word, Excel, Access, Works, Corel Draw, and more.

The Windows Driver runs under Windows 95, 98, ME, 2000, XP and NT 4.0.
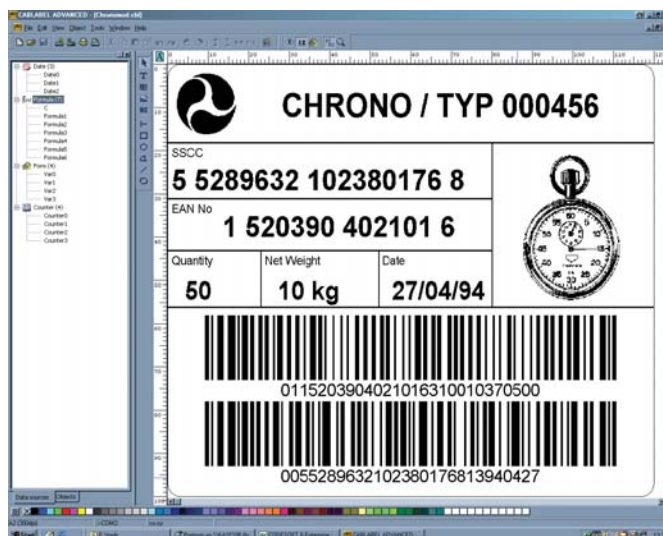


## Labeling Software

cablabel is the cost effective software to create professional labels especially for cab printers. More extensive software packages for your PC such as Easylabel, Codesoft, Nice Label, Bartender and LabelMatrix allow to design label formats to meet highest demands and print them on our printers.



## Quality Got a Look

An optimal arrangement of a label is a free creation of character sizes, fonts and directions. The printer of the A-Series offers a selection of internal bitmap - and vector fonts and you can download additional TrueType fonts. A-Series supports the most popular codepages. For this reason, country specific characters are printable.

## Print all Popular Barcodes

The Printers of the A-Series prints all popular linear or 2D-barcodes clearly and readable.

## Graphics

Several graphic formats (PCX, IMG, BMP, TIF and others) and graphic elements (line, arrow, box, circle, ellipse, filled segments and others) could be integrated in the label.

# Technical Data Transfer Printers and Accessories

| | M4 | | A3-2 | A3 | | A4 | | A6 | A8 |
|---|---|---|---|---|---|---|---|---|---|
| **Printing method** | Thermal direct / Thermal transfer | | | | | | | | |
| Printhead system — Thick film | ■ | ■ | ■ | ■ | ■ | – | – | ■ | ■ |
| — Thin film | – | – | – | – | – | ■ | ■ | – | – |
| Printhead resolution dpi | 203 | 300 | 300 | 203 | 300 | 300 | 600 | 300 | 300 |
| Print speed up to mm/s | 150 | 100 | 150 | 200 | 150 | 250 | 100 | 200 | 150 |
| Print width up to mm | 104 | 108.4 | 54.2 | 104 | 108.4 | 105.6 | 105.6 | 162.6 | 216 |
| **Labels** | | | | | | | | | |
| Material - labels, continuous mat. on rolls or leporello | Thermal and standard paper, cardboard, textil[1], plastic foil: PE, PP, PVC, PA | | | | | | | | |
| Material thickness mm / Weight g/m$^2$ | 0.07 - 0.25 / 60 - 250 / thicker material on request. | | | | | | | | |
| Media roll | | | | | | | | | |
|   Total diameter up to mm | 210 | | | | | | | | |
|   Core diameter mm | 38.1 - 76 | | | | | | | | |
|   Winding direction | inside or outside (internal rewind only outside) | | | | | | | | |
| Width of liner mm | 120 | | 65 | 120 | | | | 180 | 235 |
| Label width mm | 12 - 116 | | 12 - 60 | 12 – 116 | | | | 50 – 176 | 50 – 220 |
| Label width when dispensing[2] min. mm | | | 25 | | | | | 50 | – |
| Label height mm | | | | 5 - 1000 | | 5 - 250 | | 6 - 1000 | 10 - 650 |
| Label height when dispensing[2] min. mm | | | 12 | | | | | 25 | – |
| **Ribbon** | | | | | | | | | |
| Ink | ink inside or ink outside | | | | | | | | |
| Roll diameter up to mm | 80 | | | | | | | | |
| Core diameter mm | 25 | | | | | | | | |
| Running length variable up to m | 500 | | | | | | | | |
| Width up to mm | 114 | | 56 | 114 | | | | 165 | 220 |
| **Internal rewinder** | | | | | | | | | |
| Total diameter up to mm | 145 | | | | | | | | – |
| Core diameter mm | 38,1 | | | | | | | | – |
| Winding direction | only outside | | | | | | | | – |
| **Dimensions** | | | | | | | | | |
| Height / Depth mm | 274/446 | | | | | | | | |
| Width mm | 242 | | 190 | 242 | | | | 302 | 352 |
| Weight kg | 9 | | 8.5 | 9 | | | | 13 | 15 |
| Engergy consumption max. W | 200 | | 250 | | | | | 500 | |
| **Label sensor** | | | | | | | | | |
| See-through/Reflective sensor from below, Adjustable mm | 4 – 57.5 | | | | | | | | |
| **Electronics** | | | | | | | | | |
| Processor 32 Bit ColdFire | | | 64 MHz | | | 144 MHz | | | |
| RAM | | | 8 MB | | | 16 MB | | | |
| ROM | 4 MB Flash | | 2 MB Flash | | | 4 MB Flash | | | |
| Slot for memory card: CompactFlash Type I | ■ | | | | ■ | | | | |
| Real time clock/date | ■ | | | | ■ | | | | |
| Operation panel as Navigatorpad: keys/backlights | 3/4 | | | | 4/8 | | | | |
| LCD-graphic display: text 2 lines/20 characters, symbols | – | | | | ■ | | | | |
| **Interfaces** | | | | | | | | | |
| Serial RS 232 C 1,200 bis 230,400 bauds/8 bit | ■ | | | | ■ | | | | |
| RS 422, RS 485 1,200 bis 230,400 bauds/8 bit | – | | | | □ | | | | |
| Parallel Centronics bidirectional acc. IEEE 1284 | – | | | | ■ | | | | |
| Ethernet 10/100 Base T, LDP, RawIP-Printing, DHCP, HTTP, FTP, SMTP, SNMP, Time | ■ | | | | □ | | | | |
| Wireless LAN - on request | □ | | | | □ | | | | |
| USB Slave for PC connection | ■ | | | | □ | | | | |
| Twinax/Coax Converter for IBM connection | – | | | | □ | | | | |
| USB Master for keyboard and scanner | – | | | | ■ | | | | |
| Peripheral connection | ■ | | | | ■ | | | | |
| **Accessories** | | | | | | | | | |
| Cutter, Present sensor manual operation | □ | | □ | | □ | | | | |
| Present sensor automatic operation, Pause adapter, External operation panel, Barcode tester | – | | □ | | □ | | | | |
| Applicator | – | | □ | | □ | | | – | – |
| External rewinder | □ | | – | | □ | | | | |
| External unwinder | □ | | – | | □ | | | | |
| PC-keyboard USB | – | | □ | | □ | | | | |
| **Memory card** | | | | | | | | | |
| CompactFlash Type I 16 up to 512 MB | □ | | □ | | □ | | | | |

■ Standard  □ Option

| | |
|---|---|
| Power supply | 100 – 240 V ~ 50/60 Hz, PFC |
| Operating temperature/humidity not condensing | 10 – 35 °C/30 – 85% |
| Safety regulations | CE, FCC class 1 |

[1] depending on material limitations

[2] Depending on label size, material and adhesive limitations are possible. We therefore recommend to test the dispense ability and print tolerances in advance.

| | M4 / A3-2 / A3 / A4 / A6 / A8 |
|---|---|
| Font types | 5 Bitmap-Fonts incl. OCR-A, OCR-B and 3 vektor 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, -13 up to -16, WinOEM 720, UTF8, Macintosh Roman, DEC MCS, K0l8-R. All West and East European latin, cyrillic, greek, hebrew and arabic characters are supported. |
| **Font sizes** | |
| Bitmap fonts | Size of width and height 1 - 3 mm scalable factor 2 - 10 |
| Vektor fonts | Size of width and height 0.9 -128 mm infinitely scalable |
| Font formats | Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts |
| Font width | Extended, compressed |
| **Print directions** | |
| Bitmap fonts/barcodes | 0°, 90°, 180°, 270° |
| TrueType fonts | 360° of rotations in 1°, mirrored label image |
| **Graphics** | |
| Graphic elements | Line, arrow, box, circle, ellipse, filled, filled with fading |
| Graphic formats | PCX, IMG, BMP, TIF, MAC |
| **Barcodes** | |
| Linear Barcodes | Code 39, Code 93 / Interleaved 2/5; Code 128 A, B, C / Ident and lead code; Codabar / of Deutschen Post AG; EAN 8, 13, 128 / Jan 8,13; EAN/UCC 128 / MSI; EAN/UPC Appendix 2 / Plessey; EAN/UPC Appendix 5 / Postnet; FIM / RSS 14; HIBC / UPC A, E |
| 2D-Barcodes | Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF, UPS Maxicode, QR-Code |
| | All barcodes variable in height, module width and ratio. Optionally with check digit, printed characters and start/stop code depending on barcode type. |
| **System checks** | |
| Printing if | Ribbon available; Labels /continuous material available; Printhead closed (only A-Series) |
| Test facilities | System diagnosis of memory when powerd ON; System diagnosis of printhead when powerd ON (only A-Series), Print-out of system data |
| Status reports | Total print length; Total operation hours |
| **Software** | |
| Windows driver | 95, 98, ME, 2000, XP; Windows NT starting with version 4.0 |
| cablabel | As Lite free version in the content of delivery. With the Advanced, Professional and Expert versions you create even complex labels. |
| Tools | Administrator tool for printers with Ethernet card to administrate several printers |
| abc-Compiler | Basic compiler to run individual programs |

## Cutter

| | M4 | A3-2 | A3/A4 | A6 | A8 |
|---|---|---|---|---|---|
| Material weight up to g/m$^2$ | | | 500 | | |
| Material width up to mm | 120 | 65 | 120 | 180 | 232 |
| Material height from mm | | 2 - depending on material limitations | | | |

## External Rewinder

| | | M4 | A3-2/A3/A4 | A6 | A8 |
|---|---|---|---|---|---|
| Total diameter mm | ER 1, 2, 3 | | 210 | | |
| | ER 4 | 210 | | - | - |
| | ER 4, 6, 8 | | 300 | | |
| Core diameter mm | | 40 (with or without cardboard core) | | | |
| | | 76 (with cardboard core) | | | |
| Material width up to mm | | | 120 | 180 | 235 |
| Winding speed up to mm/s | | | 300 | 250 | 200 |
| Winding direction | | inside or outside | | | |
| Power supply | ER 1, 2, 3 | from transfer printer | | | |
| | ER 4, 6, 8 | with internal power supply | | | |

## External Unwinder EU 4, 6 and 8

| | | | |
|---|---|---|---|
| Total diameter mm | 300 | | |
| Core diameter mm | 40 (with or without cardboard core) | | |
| | 76 (with cardboard core) | | |
| Material width up to mm | 120 | 180 | 235 |
| Winding direction | inside or outside | | |

## PC-Keyboard USB

| | | |
|---|---|---|
| No. of keys | – | 104 or 105 dep. on country |
| Dim. (length x width) mm | – | 470 x 195 |
| Interface at transfer printer | – | USB |
| for additional accessories | – | 4 port buspowered Hub |
| Manufacturer / Type | – | Cherry / Classic Line G81 3000 |

## Compact PC Keyboard USB

| | | |
|---|---|---|
| No. of keys | – | 86 |
| Dim. (length x width) mm | – | 282 x 132 |
| Interface at transfer printer | – | USB |
| Manufacturer / Type | – | Cherry / Slim Line G84 4100 |

## Applicator f. A3-2/A3/A4

| | Typ A 1000 | | |
|---|---|---|---|
| **Label transfer method** | **Tamp** | **Roll on** | **Blow** |
| Label width in mm | 25 – 116 | 25 - 116 | 25 - 100 |
| Label height in mm | 25 – 150 | 80 - 150 | 25 - 100 |
| Cylinder stroke in mm | | 220/300 | |
| Stoke of tamp below printer mm | | 70/150 | |
| Compressed air supply in bar | | > 5 | |
| Requirements to product surface | | flat | |
| **Product height** | | | |
| variable | ■ | ■ | – |
| fixed | – | – | ■ |
| **Product** | | | |
| fixed | ■ | – | ■ |
| linear movement | – | ■ | ■ |
| **Labeling direction** | | | |
| vertically downwards | | ■ | |

## Stand for A3-2/A3/A4

| | A 1600 |
|---|---|
| Height total mm | 1600 |
| Height of product up to mm | 1500 |
| Overhang til middle of label mm | 230 - 500 |
| Chassis frame (distance adjust feet) | |
| Width mm | 600 |
| Depth mm | 860 |
| Height mm | 140 |

# Delivery Program Transfer Printer



| | Basic device | R-version | P-version (without present sensor) |
|---|:---:|:---:|:---:|
| tear off | ■ | □ | □ |
| internal rewind | – | ■ | □ |
| dispense | – | – | ■ |
| cut | □ | □ | □ |
| external rewind | □ | □ | □ |

■ Standard  □ Accessories

| Printhead | Part No. | Description | Part No. | Description | Part No. | Description |
|---|---|---|---|---|---|---|
| **M4** | | | | | | |
| 203 dpi | **5946730** | Thermal-direct Printer M4/200 | **5946731** | Thermal-direct PrinterM4/200R | **5947962** | Thermal-direct Printer M4/200P |
| 203 dpi | **5946720** | Transfer Printer M4/200 | **5946721** | Transfer Printer M4/200R | **5947960** | Transfer Printer M4/200P |
| 300 dpi | **5946733** | Thermal-direct Printer M4/300 | **5946734** | Thermal-direct Printer M4/300R | **5947963** | Thermal-direct Printer M4/300P |
| 300 dpi | **5946723** | Transfer Printer M4/300 | **5946724** | Transfer Printer M4/300R | **5947961** | Transfer Printer M4/300P |
| **A3-2** | | | | | | |
| 300 dpi | **5948720** | Thermal-direct Printer A3-2/300 | **5948721** | Thermal-direct Printer A3-2/300R | **5948722** | Thermal-direct Printer A3-2/300P |
| 300 dpi | **5948700** | Transfer Printer A3-2/300 | **5948701** | Transfer Printer A3-2/300R | **5948702** | Transfer Printer A3-2/300P |
| **A3** | | | | | | |
| 203 dpi | **5946700** | Thermal-direct PrinterA3/200 | **5946701** | Thermal-direct PrinterA3/200R | **5947957** | Thermal-direct Printer A3/200P |
| 203 dpi | **5942300** | Transfer Printer A3/200 | **5942315** | Transfer Printer A3/200R | **5947950** | Transfer Printer A3/200P |
| 300 dpi | **5946703** | Thermal-direct Printer A3/300 | **5946704** | Thermal-direct Printer A3/300R | **5947958** | Thermal-direct Printer A3/300P |
| 300 dpi | **5942301** | Transfer Printer A3/300 | **5942316** | Transfer Printer A3/300R | **5947951** | Transfer Printer A3/300P |
| **A4** | | | | | | |
| 300 dpi | **5946004** | Transfer Printer A4/300 | **5946009** | Transfer Printer A4/300R | **5947952** | Transfer Printer A4/300P |
| 600 dpi | **5946005** | Transfer Printer A4/600 | **5946010** | Transfer Printer A4/600R | **5947953** | Transfer Printer A4/600P |
| **A6** | | | | | | |
| 300 dpi | **5946706** | Thermal-direct Printer A6/300 | | | **5947959** | Thermal-direct Printer A6/300P |
| 300 dpi | **5943203** | Transfer Printer A6/300 | | | **5947954** | Transfer Printer A6/300P |
| **A8** | | | | | | |
| 300 dpi | **5946709** | Thermal-direct Printer A8/300 | | | | |
| 300 dpi | **5945800** | Transfer Printer A8/300 | | | | |



Examples

The printers M4, A3, A4, A6 and A8 are available with metal cover. Add to the part no. the coding .101

The A3 and A4 could be supplied with a factory installed RFID Read-Write Unit with Ethernet for the marking of smart labels. Add to the part no. the coding .102

Do you want the A3 or A4 with metal cover and RFID Read-Write Unit with Ethernet add to the part no. the coding .103

| Part No. | Description |
|---|---|
| **5942300.101** | Transfer Printer A3/200 metal cover |
| **5942300.102** | Transfer Printer A3/200 RFID 13.56 MHz/Ethernet |
| **5942300.103** | Transfer Printer A3/200 metal cover/RFID 13.56 MHz/ Ehernet |

**Contents of delivery:** Transfer Printer, Power Supply, Operation manual, Windows driver, cablabel Lite, Service manual on CD-ROM

## Accessories Transfer printer

| Part No. | Description | for printer |
|---|---|---|
| 5948382 | Cutter CU2 | A3-2 |
| 5948000 | Cutter CU4 | M4 / A3 / A4 |
| 5948001 | Cutter CU6 | A6 |
| 5948002 | Cutter CU8 | A8 |
| 5946995 | Cutter tray 4 | M4 / A3 / A4 |
| 5942353 | Present sensor PS6 manual/autom. operation | A3-2/A3/A4/A6 for P-version |
| 5946900 | Present sensor PS8 manual operation | M4/A3-2/A3/A4/A6 for P-version |
| 5946120 | Peel-off adapter PS5 automatic operation | A3-2/A3/A4/A6 for P-version |
| 5946146 | Pause adapter PS7 | A3-2/A3/A4 A6/A8 |
| 5948102 | External rewinder ER1 Roll diameter 210 mm | M4/A3-2/A3/A4 |
| 5943251 | External rewinder ER2 Roll diameter 210 mm | A6 |
| 5945802 | External rewinder ER3 Roll diameter 210 mm | A8 |
| 5948100 | External rewinder ER4 Roll diameter 210 mm | M4/A3-2/A3/A4 OM* |
| 5946090 | External rewinder ER4 Roll diameter 300 mm | M4/A3-2/A3/A4 OM* |
| 5946420 | External rewinder ER6 Roll diameter 300 mm | A6 OM* |
| 5945804 | External rewinder ER8 Roll diameter 300 mm | A8 OM* |
| 5948170 | Adapter plate for ER/EU 4, 6, 8 | M4/A3-2/A3/A4 A6/A8 |
| | OM* = also for printers of other manufactures | |
| 5946091 | External unwinder EU4 Roll diameter 300 mm | M4/A3-2/A3/A4 OM* |
| 5946421 | External unwinder EU6 Roll diameter 300 mm | A6 OM* |
| 5945806 | External unwinder EU8 Roll diameter 300 mm | A8 OM* |
| | OM* = also for printers of other manufactures | |
| 5948650 | Tear-off plate TP2 | A3-2 for R/P-version |
| 5946244 | Tear-off plate TP4 | M4 / A3 / A4 for R/P-version |
| 5946414 | Tear-off plate TP6 | A6 for P-version |
| 5948651 | Rewind guide RG2 | A3-2 for P-version |
| 5946467 | Rewind guide RG4 | M4 / A3 / A4 for P-version |
| 5948983.001 | Metal cover M4 | M4 |
| 5948984.001 | Metal cover A3 | A3 |
| 5948985.001 | Metal cover A4 | A4 |
| 5948986.001 | Metal cover A6 | A6 |
| 5948987.001 | Metal cover A8 | A8 |

*without picture*

## Accessories Applicator

| Part No. | Description | for printer |
|---|---|---|
| 5949002 | Tamp applicator A 1000-300 | A3-2 / A3 / A4 |
| 5949072 | Universal tamp pad A1021 70x60 | Applicator A 1000 |
| 5949075 | Universal tamp pad A1021 90x90 | Applicator A 1000 |
| 594xxxx | Tamp pad A1021 wxh | Applicator A 1000 |
| 5949076 | Universal tamp pad A1321 116x102 | Applicator A 1000 |
| 5949077 | Universal tamp pad A1321 116x152 | Applicator A 1000 |
| 594xxxx | Tamp pad A1321 wxh | Applicator A 1000 |
| 594xxxx | Blow pad A2021 wxh | Applicator A 1000 |
| 594xxxx | Roll on pad A1411 wxh | Applicator A 1000 |
| 5949093 | Lower frame 340x160 | A3-2 / A3 / A4 |
| 594xxxx | Lower frame bxh | A3-2 / A3 / A4 |
| 8913600 | Stand A 1600 | A3-2 / A3 / A4 |

## Operation panels

| Part No. | Description | for device |
|---|---|---|
| 5946930 | External operation panel | A3-2 / A3 / A4 A6 / A8 |
| | PC-keyboard USB with 4 Hub/Cherry Classic Line G81 3000 | A3-2 / A3 / A4 A6 / A8 |
| | Compact PC-keyboard USB / Cherry Slim Line G84 4100 | A3-2 / A3 / A4 A6 / A8 |
| 5942345 | Present trigger TR1 | Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000 |
| 5535901 | Foot switch PLC | Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000 |
| 5941526 | Light barrier to start process PLC | Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000 |

# Delivery Program Transfer Printer

## Memory cards

| Part No. | Description | for printer |
|----------|-------------|-------------|
| 5561028 | CompactFlash type I memory card 32 MB | M4/A3-2/A3/A4 A6/A8 |
| 5561029 | CompactFlash type I memory card 64 MB | M4/A3-2/A3/A4 A6/A8 |

## Interfaces

| Part No. | Description | for printer |
|----------|-------------|-------------|
| 5942361 | USB interface with connect. cable 1.8 m | A3-2/A3/A4 A6/A8 |
| 5942360 | RS422/485 interface | A3-2/A3/A4 A6/A8 |
| 5942363 | Fast-Ethernet interface | A3-2/A3/A4 A6/A8 |
| 5561034 | Wireless bridge with connecting cable and power supply | M4/A3-2/A3/A4 A6/A8 |
| 5551279 | Twinax converter for IBM AS 400 | A3-2/A3/A4 A6/A8 |
| 5551280 | Coax converter for IBM 3270 | A3-2/A3/A4 A6/A8 |

## Software
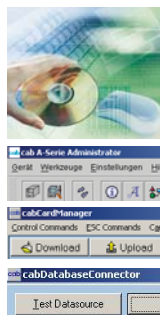
| Part No. | Description | for use with |
|----------|-------------|--------------|
| 5580153 | cablabel 6 X-Lite | 98/ME/2000/XP/NT |
| 5580150 | cablabel 6 Advanced | 98/ME/2000/XP/NT |
| 5580151 | cablabel 6 Professional | 98/ME/2000/XP/NT |
| 5580152 | cablabel 6 Expert | 98/ME/2000/XP/NT |
| 5580154 | cablabel 6 run Time | 98/ME/2000/XP/NT |
| 5580215 | Admin Tool | 98/ME/2000/XP/NT |
| 5580216 | cab Card Manager | 98/ME/2000/XP/NT |
| 5580210 | Database Connector | 98/ME/2000/XP/NT |

## Connecting cables

| Part No. | Description | for printer |
|----------|-------------|-------------|
| 5550818 | Cable RS232 C, 9/9-pin, length 3 m | M4/A3-2/A3/A4/ A6/A8 |
| 5550771 | Cable parallel Centronics, length 1.8 m | A3-2/A3/A4 A6/A8 |
| 5901616 | Cablel USB, Length 1.8 m | M4/A3-2//A3/A4 A6/A8 |
| 5917651 | SUB-D-plug 25-pin for SPS Phönix Contact No. 27 61 62 2 | Applicator A 1000 |
| 5917652 | SUB-D-plug 15-pin for SPS Phönix Contact No. 27 61 60 6 | Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000 |

## Spare parts

| Part No. | Description | for printer |
|----------|-------------|-------------|
| 5948640 | Printhead 300 dpi type 2300 | A3-2 |
| 5942370 | Printhead 203 dpi type 4203 | M4 / A3 |
| 5942371 | Printhead 300 dpi type 4300 | M4 / A3 |
| 5946015 | Printhead 300 dpi type 4300S | A4 |
| 5946006 | Printhead 600 dpi type 4600 | A4 |
| 5943245 | Printhead 300 dpi type 6300 | A6 |
| 5945805 | Printhead 300 dpi type 8300 | A8 |
| 5948617 | Driver roller DR2 | A3-2 |
| 5942372 | Driver roller DR4 | M4 / A3 / A4 |
| 5943210 | Driver roller DR6 | A6 |
| 5945822 | Driver roller DR8 | A8 |
| 5948631 | Rewind assist roller RR2 | A3-2 |
| 5946235 | Rewind assist roller RR4 | M4 / A3 / A4 |
| 5946412 | Rewind assist roller RR6 | A6 |

Pictures in this brochure mainly show the A3 printer. However, the most functions are similar to all other A-Series printers. The M4 has different features. Please pay attension to this.

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.

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