

Edition 1.0



Contents

| | |
|---|--------|
| Label printers SQUIX for industrial application | .3 |
| Type overview SQUIX 4 | .4 |
| Technical details | .5 |
| Operation panel | .6 |
| Print heads | .7 |
| Print rollers | .7 |
| Interfaces. | .7 |
| Technical data | .8-9 |
| Accessories | .10-13 |
| Applicator S1000 | .14-15 |
| Applicator S3200 | .16 |
| Dispensing module S5104 | .16 |
| Mounting equipment SQUIX 4 | .17 |
| Software | .18 |
| Stand-alone operation. | .18 |
| Printer drivers | .19 |
| Programming / Integration / Administration | .19 |
| Maintenance / Service / Training | .20 |
| Product range | .21-22 |
| Product overview | .23 |

All information on scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change.

For current data see website
www.cab.de/en/labelprinter

Label printers SQUIX for industrial application



SQUIX represent

- innovative technology,
- easy operation,
- accuracy of impression,
- reliable and fast printing,
- compact, appealing design,
- highest quality standards.

The professional industrial label printers SQUIX can be used in a wide variety of applications. Their development is foremost focused on simple and convenient operation coupled with high reliability.

The print mechanics and housings are made of high-quality materials and perfectly match in terms of shape and function. A wide range of peripherals and software enable specific customized solutions.

Regardless of whether they are operated in stand-alone mode, in a PC application or in a network – the solid SQUIX printers are always up to the mark. A high-speed processor ensures fast printing processes and immediate label output.

Sample applications:

PCB labels

If there is only little space available
– smallest label size 4 x 4 mm



Type plates

Pin sharp 600 dpi fonts,
graphics and barcodes



Cardboard box and pallet labels

Labels up to A6 format



Type overview

SQUIX 4

Material guide left-aligned



1.1 Basic versions

For printing on labels and continuous materials, wound on rolls or fanfold. The material is torn off at the jagged tear-off edge. Optionally, it can be cut or externally rewound.

1.2 Dispensing versions P

In addition to the basic model the labels can be dispensed. The label is removed from the liner during the printing process. It can be removed manually or by applicator. Delivery includes I/O interface

Material guide centered



1.3 Basic versions M

For printing on all materials that are wound on rolls or reels resp. fanfold. Especially for very small labels and slim continuous materials such as pressed tubes. There is no need of adjusting the label width on the print head. Suitable print rollers are offered for small and thin materials.

1.4 Dispensing versions MP

In addition to the basic model the labels can be dispensed. The label is removed from the liner during the printing process. It can be removed manually or by applicator. Delivery includes I/O interface



With RFID write/read device

1.5 HF according to ISO/IEC 15693 with 13.56 MHz

1.6 UHF according to ISO/IEC 18000-6C/EPC Class 1 Gen 2

The Smart Labels are printed, the integrated RFID chip is tested and qualified with data. In case of an error the label is marked with a grid print. The write/read commands are implemented in the printer's native language JScript.



1.7 With separator MT

Preferred application with continuous and textile materials as well as pressed tubes. The transfer tape may stick with the textile tape after the printing. With a drive roller, the material is separated from the ribbon. In addition, the accuracy of impression is improved.

Technical details



*Label printer
SQIX 4 MP*

1 Hinged cover

The two-part cover made of impact-proof plastics folds when opened. Only little footprint is needed. The large panoramic window allows to check the consumption of material and track the full printing process.

2 Solid metal chassis

Made of cast aluminum. All components are mounted on it.

3 Peel-off function

The label is removed from its liner via peel-off plate. High accuracy of printing and applying is achieved with the powered rewind assist and pinch rollers.

4 Peripheral connection

Add-on modules are easy to connect. All peripheral devices are plugged in the printer with two pins and fixed with a screw.

5 Ribbon holder

The three-part tightening axles enable a quick and easy exchange of ribbon.

6 Roll holder

The spring-mounted margin stop ensures constant tension during material feed, thus high accuracy of printing. For heavy rolls with core diameters of 76 or 100 mm an adapter is recommended.

7 Internal rewinder

With the rewinder labels or liners with or without a cardboard core can be rewound. The three-part tightening axle allows easy removal of the material.

8 Rocker

The resilient rocker with pulleys made of Teflon dampens the tension at print start, thus improving the accuracy of impression.

Operation panel

Intuitive and easy operation with self-explanatory symbols for configuration of the printer settings.

Display

1 Power on

2 Head line

These functions are displayed:
receive print data, record data stream, ribbon warning, USB stick, SD card, USB, LAN, WLAN, Bluetooth, time

3 Status reports

Ready, pause, number of printed label per print job, label in dispensing position, waiting for external start signal

Buttons

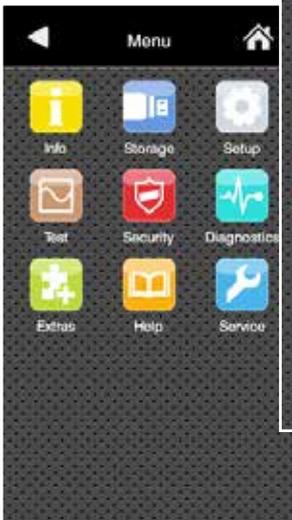
- 4  For **options** with the following functions
Cutter/perforation cutter: direct cutting
External rewinder: winding inside and outside
Tear-off or peel-off mode: printing of the next label
Applicator: application of the label

5 Operation

-  Jump to menu
-  Repetition of the last label
-  Interruption and continuation of the print job
-  Stop and deletion of all print jobs
-  Label feed



Example:
Print head settings



Menu selection



Adjustment options



Printing parameters

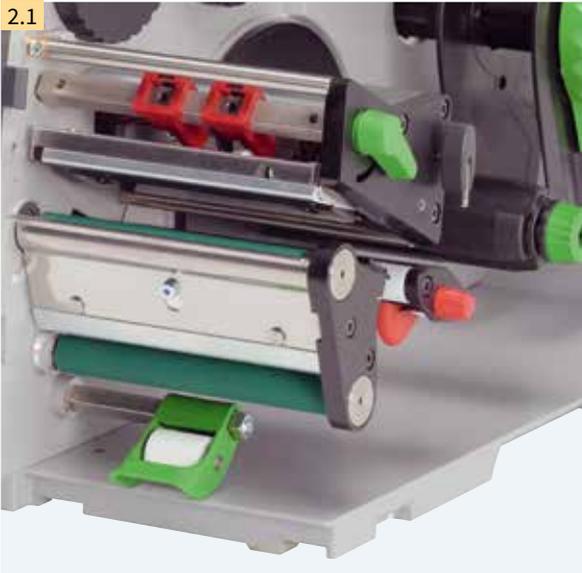


Printing offset y
slide control for fast adjustment
+/- keys for fine adjustment



Print speed with
scroll function

Print heads



2.1

All print heads are automatically detected and calibrated by the CPU. Major data like running performance, maximum operating temperature and heating energy are stored directly in the print head. The data can be read out at the plant.

Print heads type 4 - 300, 600 dpi

They have a particularly sharp-edge print image. They are suitable for type plates with small fonts and graphics. They are, amongst others, required for resin ribbons with high energy needs.

Print heads type 4.3 - 200, 300 dpi

They are recommended especially for direct thermal printing and application in rough surroundings.

Print rollers



2.2

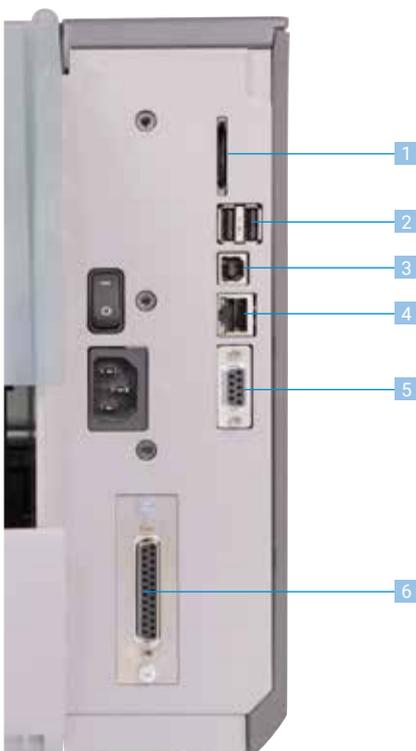
Two types of material are provided for the different applications:

Print rollers type DRK4 – synthetic rubber coating; They are suitable for high accuracy of impression and are provided as standard.

In the case of centered material guidance slim print rollers are offered for slim materials.

Print rollers type DRS4 – silicone rubber coating; They have an extra long service life with a higher tolerance of impression.

Interfaces



- 1 Plug-in for SD card
- 2 2 x USB host interfaces
for keyboard, barcode scanner, USB stick, Nano Bluetooth USB adapter
- 3 USB 2.0 Hi-speed device for PC connection
- 4 Ethernet 10/100/1000 Base-T
WLAN 802.11b, g, n, access point mode or station mode
- 5 RS232C interface 1.200 to 230.400 baud/8 bit
- 6 3.1 I/O interface standard with dispensing device, accessory to basic device
A PLC, a sensor or a hand switch start the labeling. At the same time, status and error messages are issued.

Compliant with IEC/EN 61131-2; all in- and outputs with galvanic isolation and reverse polarity protection, outputs in addition short circuit protected

Inputs

Start printing and applying
Print first label
Reprint
Delete print job
Label dispensed
Interrupt labeling
Pause
Reset

Outputs

Printer/appliator ready
Print job available
Appliator in basic position
Paper feed ON
Label in dispensing position
Appliator in applying position
Pre-warning end of ribbon
Common error

Technical data

■ Standard □ Option

| Device type | | Material guide | Left-aligned | | | | Centered | | | | |
|---|--|------------------------------------|---|--------|-------|-------|-------------------|----------------------|-------|-------|---|
| Type of print head | | | 4.3 | 4.3 | 4 | 4 | 4.3 | 4.3 | 4 | 4 | |
| Printing method | Thermal transfer | | - | - | ■ | ■ | - | - | ■ | ■ | |
| | Direct thermal/thermal transfer | | ■ | ■ | - | - | ■ | ■ | - | - | |
| Printable resolution | dpi | | 203 | 300 | 300 | 600 | 203 | 300 | 300 | 600 | |
| Print speed | up to mm/s | | 250 | 250 | 300 | 150 | 250 | 250 | 300 | 150 | |
| Print width | mm | | 104 | 108.4 | 105.7 | 105.7 | 104 | 108.4 | 105.7 | 105.7 | |
| Printable area | Distance to locating edge | when left-aligned | mm | 2.8 | 1.2 | 2.0 | 2.0 | - | - | - | - |
| | | when centered | mm | - | | | | Centered on material | | | |
| Material¹⁾ | | | | | | | | | | | |
| On roll or fanfold: | paper, cardboard, plastics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec | | ■ | | | | ■ | | | | |
| On roll or reel: | textile, pressed tubes, Smart Label | | - | | | | ■ | | | | |
| Labels | Width ¹⁾ | mm | 20 - 116 | | | | 4 - 110 | | | | |
| | Height ¹⁾ | mm | 6 - 2,000 | | | | 4 - 2,000 | | | | |
| | Thickness | mm | 0.03 - 0.60 | | | | 0.03 - 0.60 | | | | |
| Liner material | Width | mm | 24 - 120 | | | | 9 - 114 | | | | |
| | Thickness | mm | 0.03 - 0.13 | | | | 0.03 - 0.13 | | | | |
| Continuous material | Width | mm | 24 - 120 | | | | 4 - 114 | | | | |
| | Thickness | mm | 0.05 - 0.50 | | | | 0.05 - 0.50 | | | | |
| | Weight (cardboard) | up to g/m ² | 300 | | | | 300 | | | | |
| Pressed tube | Width ready-for-use | up to mm | - | | | | 114 | | | | |
| | Width continuous | mm | - | | | | 4 - 85 | | | | |
| | Thickness | up to mm | - | | | | 1.1 | | | | |
| Roll | Outer diameter | up to mm | 205 | | | | 205 | | | | |
| | Core diameter | mm | 38.1 - 100 | | | | 38.1 - 100 | | | | |
| Reel | Outer diameter | up to mm | - | | | | 205 | | | | |
| | Core diameter | mm | - | | | | 38.1 - 76 | | | | |
| | Outer width | mm | - | | | | 11 - 114 | | | | |
| Winding | | | Outside or inside | | | | Outside or inside | | | | |
| Ribbon²⁾ | | | | | | | | | | | |
| Ink side | | | Outside or inside | | | | | | | | |
| Roll diameter | up to mm | | 80 | | | | | | | | |
| Core diameter | mm | | 25.4 | | | | | | | | |
| Variable length | up to m | | 450 | | | | | | | | |
| Width ²⁾ | up to mm | | 25 - 114 | | | | | | | | |
| Internal rewinder with dispensing device | | | | | | | | | | | |
| Outer diameter | up to mm | | 142 | | | | | | | | |
| Core diameter | mm | | 38.1 - 40 | | | | | | | | |
| Winding | | | Outside | | | | | | | | |
| Printer sizes and weight | | | | | | | | | | | |
| Width x Height x Depth | mm | | 252 x 288 x 460 | | | | | | | | |
| Weight | kg | | 10 | | | | | | | | |
| Label sensor with position indication | | | | | | | | | | | |
| Gap sensor | | | For label front edge or punch marks and end of material | | | | | | | | |
| Reflective sensor from below (optionally from top) | | | For print mark front edge and end of material | | | | | | | | |
| Distance sensor | to locating edge | Left-aligned | mm | 5 - 60 | | | - | | | | |
| | from center to locating edge | Centered | mm | - | | | 0 - 55 | | | | |
| Height of material passage | Standard | | mm | 2 | | | 2 | | | | |
| | Option | | mm | 4 | | | 4 | | | | |
| RFID | | | | | | | | | | | |
| Write/read device | HF | ISO/IEC 15693, 13,56 MHz | - | | | | □ | | | | |
| | UHF | ISO/IEC 18000-6C/EPC Class 1 Gen 2 | - | | | | □ | | | | |
| Electronics | | | | | | | | | | | |
| Processor 32 bit clock rate | MHz | | 800 | | | | | | | | |
| Main storage (RAM) | MB | | 256 | | | | | | | | |
| Data storage (IFFS) | MB | | 50 | | | | | | | | |
| Plug-in for SD card (SDHC, SDXC) | up to GB | | 512 | | | | | | | | |
| Battery for time and date, real-time clock | | | ■ | | | | | | | | |
| Data storage when power turned off (e. g. serial numbers) | | | ■ | | | | | | | | |
| Acoustic signal | | | ■ | | | | | | | | |
| Interfaces | | | | | | | | | | | |
| RS232C 1.200 to 230.400 baud/8 bit | | | ■ | | | | | | | | |
| USB 2.0 Hi-speed Device for PC connection | | | ■ | | | | | | | | |
| Ethernet 10/100/1000 Base-T | | | LPD, IPv4, IPv6, RawIP printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service | | | | | | | | |
| 1 x USB host at the operation panel up to 500 mA | | | For service key or USB stick | | | | | | | | |
| 2 x USB host on the back of the device up to 500 mA | | | For keyboard, barcode scanner, USB stick, Nano Bluetooth USB adapter | | | | | | | | |
| WLAN 802.11b, g, n, access point mode or station mode | GHz | | 2,4 ■ / 5 □ | | | | | | | | |
| Peripheral connection USB host, 24 DC | | | ■ | | | | | | | | |
| Digital I/O with 8 in- and outputs | Dispensing/basic device | | ■ / □ | | | | | | | | |

¹⁾ Limitations may apply to small labels, thin materials or strong adhesives. These applications need to be tested and approved.

²⁾ Ribbon at least according to width of label material in order to avoid folding.

| | |
|--|--|
| Operating data | |
| Power supply | 100 - 240 VAC ~ 50/60 Hz, PFC |
| Power consumption | Standby < 10 W / typical 150 W / maximum 300 W |
| Temperature / Operation | 0 - 40°C / 10 - 85% not condensing |
| humidity | Storage 0 - 60°C / 20 - 85% not condensing |
| | Transport -25 - 60°C / 20 - 85% not condensing |
| Approvals | CE, FCC class A, CB, CCC, UL |
| Operation panel | |
| | Touchscreen LCD color display |
| Screen diagonal | 4.3" |
| Pixel W x H | 272 x 480 |
| Settings | |
| | Region: languages country keyboard time zone Print Dispense Cut Apply |
| | Time/date Labels Ribbon Error handling Interpreter/emulation Interfaces |
| On display | |
| | Digital clock Data reception WLAN field intensity Ethernet status Bluetooth status |
| | Data recording USB slave status Ribbon remaining USB stick plugged in SD card plugged in |
| Control | |
| | Ribbon direction of winding Ribbon pre-warning End of ribbon End of material Peripheral error |
| | Print head tension Print head temperature Print head open Pinch roller open (with dispensing version and separator) |
| Testing | |
| System diagnosis | When device is switched on, including automatic print head detection |
| Information display, status printout, analysis | List of fonts, list of devices, WLAN status, label profile, test grid, monitor mode, print data recorded on memory card |
| Status reports | Printout of device settings, e. g. print length and runtime counter, machine status via software command, display of e. g. network errors - no link, barcode error, peripheral error etc. |
| Fonts | |
| Font types | 5 bitmap fonts including OCR-A, OCR-B and 3 vector fonts Swiss 721, Swiss 721 bold and monospace 821 internally provided, TrueType fonts loadable |
| Character sets | Windows 1250 to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, KOI8-R All Western and Eastern European characters, Latin, Cyrillic, Greek, Hebrew, Arabic, simplified Chinese and Thai characters are supported. |
| Bitmap fonts | Size in width and height 1 - 3 mm Zoom factor 2 - 10 Orientation 0°, 90°, 180°, 270° |
| Vector/ TrueType fonts | Size in width and height 0,9 - 128 mm Zoom factor freely adjustable Orientation 360° in steps of 1° |
| Font styles | Bold, italic, underlined, outline, inverse - depending on the font type |
| Character pitch | Variable or monospace for steady character pitches |

| | |
|--|---|
| Graphics | |
| Graphic elements | Lines, arrows, rectangles, circles, ellipses, filled and filled with fading |
| Graphic formats | PCX, IMG, BMP, TIF, MAC, GIF, PNG |
| Barcodes | |
| Linear barcodes | Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C EAN 8, 13 EAN/UCC 128/GS1-128 EAN/UPC appendix 2 EAN/UPC appendix 5 FIM HIBC |
| | Interleaved 2/5 Ident and lead code of Deutsche Post AG Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0 |
| 2D and stacked codes | Aztec Codablock F DataMatrix PDF417 Micro PDF417 UPS MaxiCode QR code RSS 14 truncated, limited, stacked and stacked omnidirectional EAN/GS1 DataMatrix GS1 DataBar |
| | All codes are flexible in height, modular width and ratio. Orientation 0°, 90°, 180°, 270° Options: check numbers, plain writing printout and start/stop code depending on type of code |
| Software | |
| Programming | Direct programming with printer language JScript abc Basic Compiler Database Connector |
| Emulation | ZPL |
| Control/administration | Printer control Administration Network Manager |
| Label software | cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print |
| Also running with | CODESOFT NiceLabel EASYLABEL BarTender |
| WHQL certified Windows printer drivers for | Windows Vista Windows 7 Windows 8 Windows 8.1 Windows 10 Server 2003 Server 2008 Server 2008 R2 Server 2012 Server 2012 R2 |
| Apple Mac drivers | OS X printer drivers valid from version 10.6 |
| Linux drivers | Valid from CUPS 1.2 |
| Stand-alone operation | |

● Typical ○ Possible □ Accessory

| Pos. | Printer add-ons | Basic device | Dispensing device | Left-aligned | Centered | |
|---|---|--------------|-------------------|--------------|----------|-----------------|
| 1.5 | RFID HF 13,56 MHz | ● | ● | - | □ | |
| 1.6 | RFID UHF 868/915 MHz | ● | ● | - | □ | |
| 1.7 | Separator S400 | ● | - | - | □ | |
| Extra equipment | | | | | | |
| 2.2 | Print rollers DRK4-25, DRK4-50, DRK4-80 | ● | ● | - | □ | |
| | Print roller DRS4-120 | ● | ● | □ | □ | |
| 2.3 | Antistatic brush | ● | ● | □ | □ | |
| 2.4 | Label sensor 2 (reflex from top) | ● | ● | □ | □ | |
| 2.5 | Label sensor 4 | ● | ● | - | □ | |
| 2.6 | Adapter 100 | ● | ● | □ | □ | |
| 2.7 | SD card 4 GB | ● | ● | □ | □ | |
| 2.8 | USB stick 4 GB | ● | ● | □ | □ | |
| 2.9 | USB WLAN stick 802.11b/g/n 2.4 GHz + a/n/ac 5 GHz | ● | ● | □ | □ | |
| 2.10 | Nano Bluetooth USB adapter | ● | ● | □ | □ | |
| 2.11 | Barcode tester for linear and 2D barcodes | ● | ● | □ | □ | |
| Dispensing labels | | | | | | |
| 2.12 | Present sensor PS800 | - | ● | □ | - | |
| 2.13 | Present sensor PS900 | - | ● | □ | □ | |
| 2.14 | Present sensor PS1000 MP | - | ● | - | □ | |
| 2.15 | Extended peel-off plate DP410 | - | ● | □ | □ | |
| 2.16 | Product sensor | - | ● | □ | □ | |
| Interfaces | | | | | | |
| 3.1 | I/O interface | ● | ● | □ | □ | |
| 3.2 | I/O interface connector, SUB-D 25 pin | ● | ● | □ | □ | |
| 3.3 | Label selection - I/O box | ● | ● | □ | □ | |
| Connecting cable | | | | | | |
| 4.1 | Connecting cable RS232 C, 9/9 pin, length 3 m | ● | ● | □ | □ | |
| Cutting, perforating, stacking | | | | | | |
| 5.1 | Cutter CU400 with cutter tray | ● | ○ | □ | □ | |
| 5.2 | Perforation cutter PCU400 | ● | ○ | □ | □ | |
| 5.3 | Stacker with cutter and base frame ST400 | ● | ○ | - | □ | |
| Rewinding, unwinding labels | | | | | | |
| 6.1 | Rewind guide plate RG400 | - | ● | □ | □ | |
| 6.2 | External rewinder ER4200 | ● | ○ | □ | - | |
| 6.3 | External rewinder ER4300 | ● | ○ | □ | - | |
| 6.4 | External rewinder EU4390 | ● | ● | □ | - | |
| Applicators and modules for dispensing | | | | | | |
| 7.1-7.5 | Applicator S1000 | - | ● | □ | □ | |
| 7.6 | All-around labeler | - | ● | □ | □ | |
| 7.7-7.9 | Applicator S3200 | - | ● | □ | □ | |
| 7.10 | Dispensing module S5104 | - | ● | □ | - | |
| Mounting equipment | | | | | | |
| 8.1 | Mounting plate | - | ● | □ | - | |
| 8.2 | Profile 40/80/120 mm | - | ● | □ | - | |
| 8.3 | Base plate 500 x 255 mm | - | ● | □ | - | |
| 8.4 | Floor stand 1600 | - | ● | □ | - | |
| 8.5 | Printer holder | - | ● | □ | - | |
| Further A+ series accessories | | | | | | Part no. |
| | External rewinder ER1/210 ¹⁾ | ● | ○ | □ | - | 5948102.597 |
| | External rewinder ER4/210 | ● | ○ | □ | - | 5948100 |
| | External rewinder ER4/300 | ● | ○ | □ | - | 5946090 |
| | External unwinder EU4/300 | ● | ● | □ | - | 5946091 |
| | Adapter kit for rewinders and unwinders ¹⁾ | ● | ● | □ | - | 5978943 |
| | Peel-off adapter PS5 | - | ● | □ | - | 5946120 |
| | Present sensor PS6 | - | ● | □ | - | 5942353 |
| | Pause adapter PS7 | ● | - | □ | □ | 5946146 |
| | Applicator A1000-220 ¹⁾ | - | ● | □ | - | 5949001.597 |
| | Applicator A1000-300 ¹⁾ | - | ● | □ | - | 5949002.597 |
| | Applicator A1000-400 ¹⁾ | - | ● | □ | - | 5949003.597 |
| | Applicator A3200 ¹⁾ | - | ● | □ | - | 5976050.597 |
| | Interface connector, SUB-D 15 pin | - | ● | □ | - | 5917652 |
| | Hand switch TR1 ²⁾ | - | ● | □ | - | 5942345 |
| | Foot switch ²⁾ | - | ● | □ | - | 5535901 |
| | Product sensor ²⁾ | - | ● | □ | □ | 5941526 |
| | Adapter screw M6/M4 ¹⁾ SQUIX M6 to A4+/M4 | ● | ● | □ | □ | 5977586.001 |

¹⁾ Adjusted to SQUIX. Adapter screw M6 on M4 to attach the external rewinder ER1/210, the applicators A1000 and A3200

²⁾ To be connected to PS5, PS6, PS7, A1000, A3200

Accessories

| Extra equipment | | Extra equipment | | | |
|--------------------------|---|---|-----|--|--|
| 2.2 |  | Print roller DRK4-25 Material width up to 25 mm; synthetic rubber coating for high accuracy of impression | 2.4 |  | Label sensor 2 Reflex from top in case of pressure bars on the material surface |
| |  | Print roller DRK4-50 Material width up to 50 mm; synthetic rubber coating for high accuracy of impression | 2.5 |  | Label sensor 4 Gap height 4 mm for special materials like pressed tubes |
| |  | Print roller DRK4-80 Material width up to 80 mm; synthetic rubber coating for high accuracy of impression | 2.6 |  | Adapter 100 For label rolls having a core diameter of 100 mm and an outer diameter larger 180 mm |
| |  | Print roller DRS4-120 Material width up to 120 mm | 2.7 |  | SD card 4 GB |
| 2.3 |  | Antistatic brush Particularly in case of plastic materials electrostatics is discharged after printing. | 2.8 |  | USB stick 4 GB |
| 2.11 |  | Barcode tester for linear and 2D barcodes The accuracy of a horizontally and vertically printed barcode is tested by a camera directly after printing. In case of a faulty code the print job is stopped and the label can be removed. The barcode tester can be used in tear-off or dispensing mode or with an external rewinder. For further information see the operator's manual. | 2.9 |  | USB WLAN stick 802.11b/g/n 2.4 GHz + 802.11a/n/ac 5 GHz |
| Dispensing labels | | 2.10 | |  | Nano Bluetooth USB adapter |
| 2.12 |  | Present sensor PS800 For dispensing devices with left-aligned material guide. The present sensor detects the label being in dispensing position. After the label has been removed the next label is automatically printed. | | | |
| 2.13 |  | Present sensor PS900 For dispensing devices with left-aligned or centered material guide for example with circular labels whose trailing edges cannot be detected by the present sensors PS800 or PS1000 MP. After the label has been removed the next label is automatically printed. | | | |
| 2.14 |  | Present sensor PS1000 MP For dispensing devices with centered material guide. The present sensor detects the label being in dispensing position. After the label has been removed the next label is automatically printed. | | | |
| 2.15 |  | Extended peel-off plate DP410 For labels with a strong adhesive or very thick liner material that make its removal difficult. Only in connection with printing on demand button on the operation panel or control signal. | | | |
| 2.16 |  | Product sensor For automatic product detection on the conveyor belt; range 200 mm for the reflective sensor | | | |
| Interfaces | | | | | |
| 3.2 |  | I/O interface connector, SUB-D 25 pin With screw clamps to connect all control signals to the I/O interface | | | |
| 3.3 |  | Label selection - I/O box From a master controller like PLC up to 32 different labels can be selected from the memory card. The I/O box allows to realize simple PLC control processes with four in- and outputs via abc programming. | | | |
| Connecting cable | | | | | |
| 4.1 |  | Connecting cable RS232 C, 9/9 pin, length 3 m | | | |

Accessories

Cutting, perforating, stacking

5.1



Cutter CU400

To cut paper labels, self-adhesive labels, cardboard, textile or plastic materials as well as pressed tubes.

Cutter tray

Up to approximately 50 labels can be collected in the cutter tray.

| Cutter | | CU400 |
|-------------------|------------------------------------|-----------------------------------|
| Material | Width up to mm | 120 |
| | Weight cardboard gr/m ² | 60 - 300 |
| | Thickness mm | 0.05 - 1.1 |
| Cutting length | mm | > 5 |
| Gap height | up to mm | 2.5 |
| Cuts | /min | 120 |
| Stop print job if | | Final cutter position not reached |
| Cutter tray | | |
| Label height | up to mm | 100 |

5.2



Perforation cutter PCU400

Continuous materials like textile or pressed tubes are perforated in order to subsequently separate them manually. In addition, the materials can also be cut.

| Perforation cutter | | PCU400 |
|--------------------|------------------------------------|-----------------------------------|
| Material | Width up to mm | 85 |
| | Weight cardboard gr/m ² | 60 - 300 |
| | Thickness mm | 0.05 - 1.1 |
| Cutting length | mm | > 5 |
| Gap height | up to mm | 2.5 |
| Cuts | /min | Cutting 120/perforating 150 |
| Stop print job if | | Final cutter position not reached |
| Perforating | Web width mm | 0.5 |
| | Web distance mm | 2.5 or 10 |

5.3



Stacker with cutter ST400

Printed materials are cut and stacked. When the maximum stack height is reached, the print job is interrupted. With stiff or curved materials limitations may be possible. We recommend to have such applications tested at our plant. To place the devices on the table in any position.

| Stacker with cutter | | ST400 |
|---------------------|------------------------------------|--|
| Material | Width mm | 20 - 100 |
| | Weight cardboard gr/m ² | 60 - 300 |
| | Thickness mm | 0.05 - 0.8 |
| Cutting length | mm | 20 - 150 |
| Gap height | up to mm | 1.2 |
| Cuts | /min | 120 |
| Stop print job if | | Final cutter position not reached, paper jam, cover stacker open, stack height reached |
| Stack height | up to mm | 100 |



Storage table label W x H

Storage table and protective cover are adapted to the label size. They have to be ordered separately.

Accessories

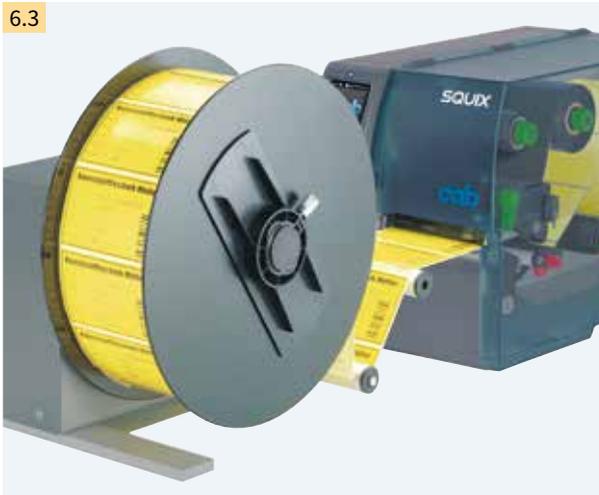
6.1



6.2



6.3



6.4



Rewinding labels

with or without a cardboard core

Rewind guide plate RG400 for internal rewriter

Internal rewinding is for dispensing printers.

Thus, the peel-off plate is replaced by the rewind guide plate.

| Rewind guide plate | | RG400 |
|---|-----------------------------------|----------|
|  | Material width | up to mm |
| | Roll diameter | up to mm |
| | Tightening axle for core diameter | mm |
| | Winding | Outside |

External rewriter ER4200

The rewriter is screwed with the label printer. Labels are wound either inside or outside. The electronic swing arm control ensures consistent and tight winding.

| External rewriter | | ER4200 |
|-----------------------------------|----------|-------------------|
| Material width | up to mm | 120 |
| Roll diameter | up to mm | 205 |
| Tightening axle for core diameter | mm | 38.1 - 40 |
| Winding | | Outside or inside |

External rewriter ER4300

The rewriter is screwed with the label printer. Labels are wound either inside or outside. The electronic swing arm control ensures consistent and tight winding.

| External rewriter | | ER4300 |
|-----------------------------------|----------|-------------------|
| Material width | up to mm | 120 |
| Roll diameter | up to mm | 300 |
| Tightening axle for core diameter | mm | 76 |
| Winding | | Outside or inside |

Unwinding labels

External unwinder EU4390

Ensures consistent label feed with heavy rolls.

Both outside or inside wound rolls can be processed.

| External unwinder | | EU4390 |
|-------------------|--------------|-------------------|
| Material width | up to mm | 120 |
| Roll diameter | up to mm | 390 |
| Core diameter | mm | 38.1 |
| | with adapter | mm |
| | | 76 |
| Winding | | Outside or inside |

Applicator S1000

7.1



Real-time labeling

The applicator S1000 combined with a SQUIX is a cost-effective solution for all dispensing printers in semi-automatic operation or when vertically integrated in a production line. The label is placed on the product with a stroke cylinder.

- 1 Long service life**
The ball-bearing guides are low-wearing.
- 2 Flexible product heights**
With the stroke cylinder labeling is possible at different heights. Different stroke lengths are available.
- 3 Compressed air regulation unit**
Micro filters prevent from contamination. The compressed air regulator ensures a permanent high quality of labeling.
- 4 High process reliability**
Supporting air jet stream, induction air and stroke speed are adjustable. For sensitive products and packaging the pressing force can be reduced to less than 10N (1 kg). To avoid contamination, the vacuum holes are cleaned with air pressure after each labeling process.
- 5 Label sizes**
Labels widths from 25 to 176 mm and heights from 25 to 200 mm can be processed.
- 6 Supporting air**
Used for blowing the labels onto the pad

Pre-dispensing button

To test the labeling process. Pushing the button causes the label to be printed and held by the pad. Pushing the button again starts the labeling process.

| Applicator | | S1000-220 | S1000-300 | S1000-400 |
|--------------------------|-----|-----------|-----------|-----------|
| Cylinder stroke | mm | 220 | 300 | 400 |
| Tamp stroke below device | mm | 64 | 144 | 244 |
| Compressed air | bar | 4.5 | | |

Accessories

7.2



Tamps

The labels are applied to the tamp and held there by vacuum. Tamp and label are then moved to the product by the applicator.

Universal tamp pads

The rasterized vacuum holes are covered by a foil and pierced according to the label size.

Tamp pad

Manufactured according to the label size

| Type | Universal tamp pads | | Tamp pad | |
|-------------------------|--------------------------|--------------------------|--------------|--------------|
| | A1021 | A1021 | A1021 | M1021 |
| Material guide | Left aligned Centered | Left aligned Centered | Left aligned | Centered |
| Tamp surface W x H | mm | 72 x 60 | 92 x 90 | min. 72 x 60 |
| Label width | mm | 25 - 70 | 25 - 90 | 25 - 116 |
| Label height | mm | 25 - 60 | 25 - 90 | 25 - 200 |
| Product surface | Flat | | | |
| Product height | Variable | | | |
| Product during labeling | Not moving | | | |

Accessories

7.3



Spring-mounted tamps

The spring deflection allows labeling even on inclined surfaces.

Universal tamp pads

The rasterized vacuum holes are covered by a foil and pierced according to the label size.

Tamp pad Manufactured according to the label size

| Type | Universal tamp pads | | Tamp pad | |
|-------------------------|--------------------------|--------------------------|--------------|----------|
| | A1321 | A1321 | A1321 | M1321 |
| Material guide | Left aligned Centered | Left aligned Centered | Left aligned | Centered |
| Tamp surface W x H | mm 116 x 102 | mm 116 x 152 | min. 86 x 92 | |
| Label width | mm 25 - 116 | mm 25 - 116 | 25 - 116 | |
| Label height | mm 25 - 102 | mm 25 - 152 | 25 - 200 | |
| Product surface | Flat | | | |
| Product height | Variable | | | |
| Product during labeling | Not moving | | | |

7.4



Blow pad

In case of pressure-sensitive products the label can be blown on.

Thus, the blow pad moves to a fixed height. The product to be printed is positioned about 10 mm below.

| Blow pad | A2021 | M2021 |
|-------------------------|-------------------------|----------|
| Material guide | Left aligned | Centered |
| Tamp surface W x H | mm 72 x 60 | |
| Label width | mm 25 - 116 | |
| Label height | mm 25 - 100 | |
| Product surface | Flat | |
| Product height | Fixed | |
| Product during labeling | Not moving or in motion | |

7.5



Roll-on pad

With the roll-on pad the label is moved right below the roll while printing. The pad moves to the product. The label is taken over by the product and rolled on during transport.

| Roll-on pad | A1411 |
|-------------------------|-------------------------|
| Material guide | Left aligned / Centered |
| Tamp surface W x H | mm 120 x 80 |
| Label width | mm 25 - 116 |
| Label height | mm 80 - 200 |
| Product surface | Flat |
| Product height | Variable |
| Product during labeling | In motion |

7.6

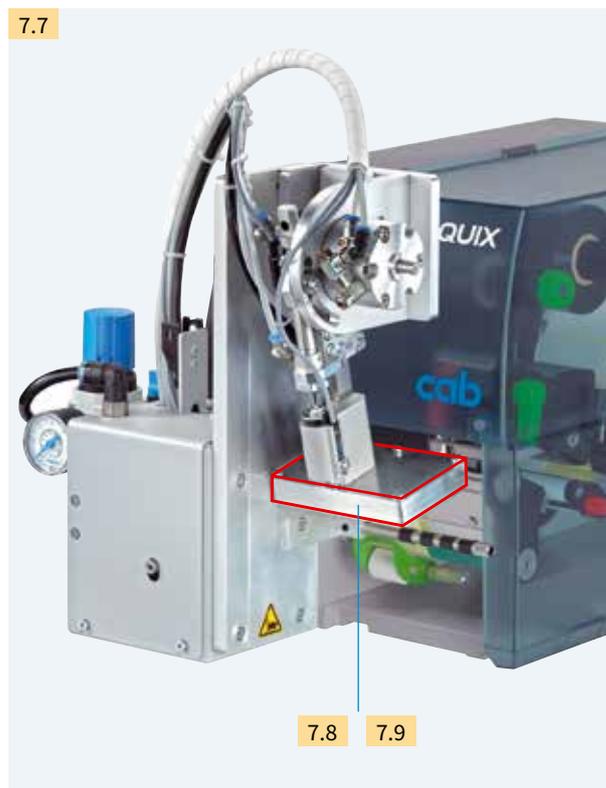


All-around labeler

With the applicator labels can be applied to cylindrical objects around the entire 360° circumference. The product is put on the rolls and labeling is started via hand or foot switch.

| Tamp pad | A1021 | M1021 |
|-------------------------|------------------|----------|
| Material guide | Left aligned | Centered |
| Tamp surface W x H | mm min. 72 x 80 | |
| Label width | mm 25 - 116 | |
| Label height | mm 25 - 140 | |
| Product diameter | mm 12 - 40 | |
| Product surface | Cylindrical | |
| Product during labeling | In rotary motion | |

Applicator S3200



Real-time labeling

The applicator S3200 combined with a SQUIX is a cost-effective solution for all dispensing printers in semi-automatic operation or when vertically integrated in a production line. With the S3200 printed labels are automatically applied on a product. By means of a rotary cylinder the label is positioned 45° to 95° and placed on the product with a short stroke cylinder.

Information on service life, pre-dispensing, compressed air regulation unit, process reliability and supporting air correspond with the applicator S1000 (see page 14).

| Applicator | S3200 |
|--------------------------|-----------|
| Rotary cylinder | 45° - 95° |
| Stroke cylinder up to mm | 30 |
| Compressed air bar | 4.5 |

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

| | Tamp pad | | Blow pad | |
|----------------------------|--------------|------------|-------------------------|------------|
| | A3200-1100 | M3200-1100 | A3200-2100 | M3200-2100 |
| Material guide | Left aligned | Centered | Left aligned | Centered |
| Tamp surface W x H min. mm | 72 x 60 | | 72 x 60 | |
| Label width mm | 20 - 116 | | 20 - 116 | |
| Label height mm | 5 - 80 | | 10 - 80 | |
| Product surface | Flat | | | |
| Product during labeling | Not moving | | Not moving or in motion | |

Dispensing module S5104

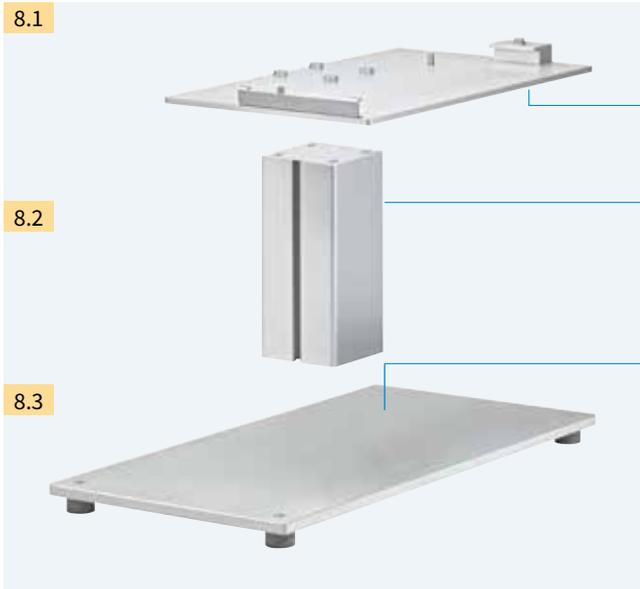


Dispensing module S5104

For labeling on packaging on a conveyor belt. The product sensor identifies the labeling position. Dispensing is started and at the same time the next label is printed. Conveyor belt speed and print speed have to be synchronized. A reflective sensor monitors the positioning.

| Dispensing module | S5104 |
|-------------------------|--|
| Material guide | Left aligned |
| Label width mm | 25 - 116 |
| Label height mm | 25 - 200 |
| Product surface | Flat |
| Product height | Fixed |
| Product during labeling | In motion, speed synchronized with the printer |

Mounting equipment SQUIX 4



Mounting foot

To fasten the apply system and the product holder

1 Mounting plate

The apply system is fastened on the mounting plate.

2 Profile

Standard lengths 40, 80, 120 mm. The aluminum square profile can be manufactured in further lengths on request.

3 Base plate

To fasten the product holder
Standard size 500 x 255 mm



Floor stand

It enables the printer to be quickly and flexibly integrated in any production line. Height and width of the labeling position are easy to adjust in accordance with the product. Four guide rollers provide for mobility. The floor stand is adjusted with adjustable feet at the place of operation.

| Floor stand | | 1600 |
|-------------------------------|----------|-----------------|
| Total height | mm | 1,600 |
| Labeling height | up to mm | 1,400 |
| Projection to center of label | mm | 230 - 500 |
| Chassis W x D x H | mm | 600 x 860 x 140 |



Printer holder

The label printer is fixed on the mounting plate and quick-locked.

Software



Label software cablabel S3

It includes three functions:

- design
- print
- monitoring

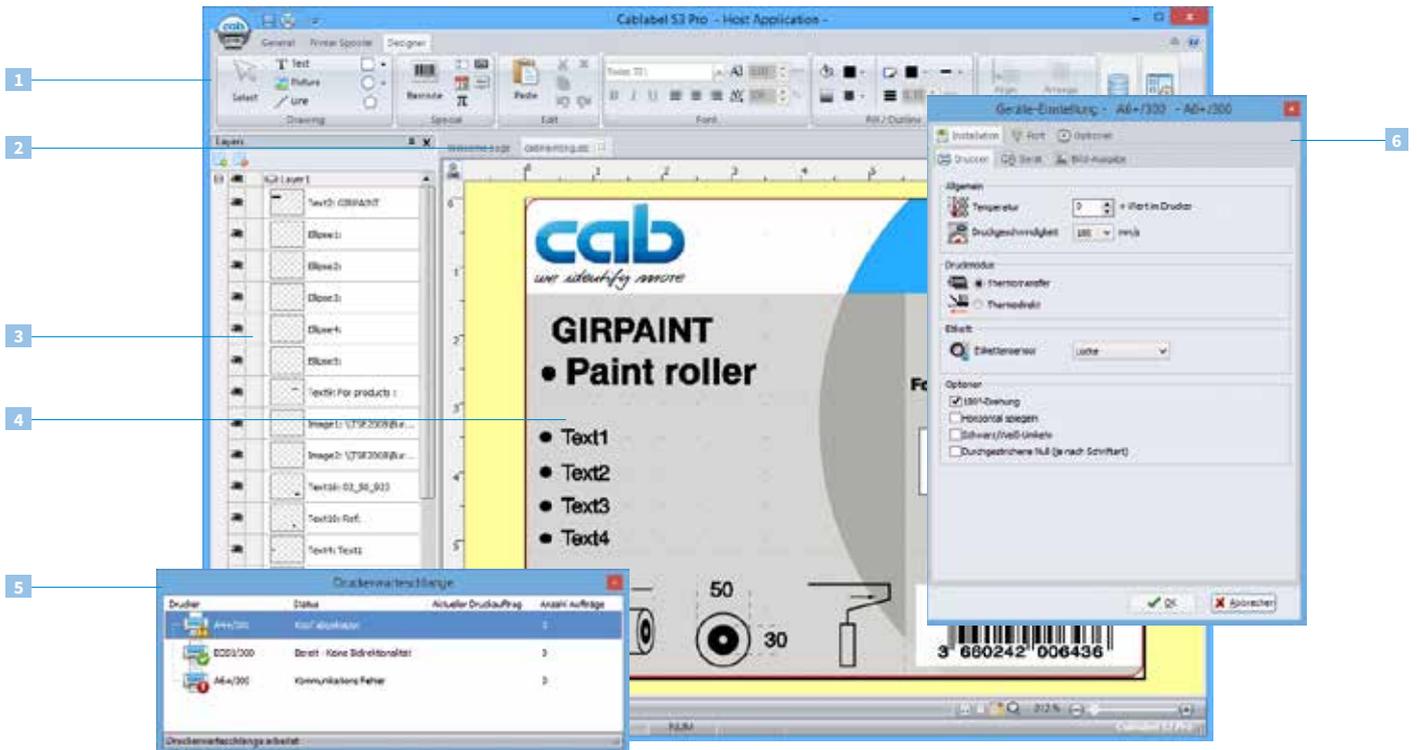
As regards design, cablabel S3 opens up the full potential of the cab devices. The intuitive user interface provides an extensive instruction set, for example different date formats, mathematical or logic functions.

At this, cablabel S3 connects all cab marking systems. First of all you design your label. Only when it comes to printing you have to decide whether the label shall be dispensed on a label printer, a print and apply system or a marking laser system.

Do you want your marking system to print labels in stand-alone mode? cablabel S3 supports again. After the label has been designed the program supplies all necessary data to be stored within the printer for stand-alone mode.

cablabel S3 is of modular design and can be adapted to your requirements step by step. To support functions like, for example, native programming with JScript, elements like the JScript viewer are embedded as plug-in. The designer user interface and the JScript code are synchronized in real time. Special functions like the Database Connector or barcode testers can be comfortably integrated.

For further information see www.cab.de/en/cablabel



1 Toolbar

Here you can create different objects for your labels.

2 Tabs

For fast navigation between several opened label layouts.

3 Layers

Help to manage different label objects.

4 Designer

Streamlined design by WYSIWYG display of the label.

5 Printer spooler

Monitors all print jobs and shows status of printers.

6 Drivers

With integrated hardware drivers you can manage settings and communication with devices.



Stand-alone operation

This operating mode is the ability of the printer to select and print labels even when the device is not connected to a host system.

The label layout is designed with a label software like the cablabel S3 or via direct programming with a text editor on a PC. Label formats, fonts, texts and graphics as well as database contents are stored and read on a SD card, a USB stick or the internal data storage IFFS.

Only variable data are sent to the printer via a keyboard, barcode scanner, weighing systems or other host computers. These data are recalled from the host via Database Connector and printed.



Printer drivers

For printer control with a software other than cablabel S3 cab provides drivers in 32/64 bit for operating systems Windows Vista, Mac OS 10.6 (or newer) and Linux with CUPS 1.2.

 **WHQL certified Windows^{®1)} printer drivers**
Our printer drivers are certified and signed by Microsoft. They ensure optimum stability on your Windows operating system.

 **Apple Mac OS X^{®2)} driver**
We provide a CUPS-based printer driver for programs using Mac OS X.

 **Linux drivers**
Linux drivers are based on CUPS.

Printer drivers are available on the DVD delivered with your printer and for free download at www.cab.de/en/support

 **Database Connector**
In stand-alone mode with network connection this program allows the printer to directly access data from a central ODBC- or OLEDB-ready database and have this data printed on the label. Simultaneously with the printing process, data can be rewritten to the database.



Programming

 **JScript**
To control your printer we have developed the embedded programming language JScript. The programming manual for free download at www.cab.de/en

 **abc Basic Compiler**
In addition to JScript and as an integral firmware element the abc Basic Compiler allows advanced programming of the printer before the data are sent to editing for printout. In this way, for example external printer languages can be replaced without interfering in the current print job. Or you integrate data from other systems like a scale, a barcode scanner or PLC.

Integration

 **Printer Vendor Program**
As a silver level partner in SAP's Printer Vendor Program cab has developed the replace method allowing easy control of cab printers with SAPScript from SAP R/3. At this, the host system only sends variable data to the printer. Graphics and fonts that priorly have been stored locally (IFFS, SD card, etc.) are merged.

| | | |
|---|--|-------------------|
| Step 1 | Step 2 | Step 3 |
| Creation of labels and replace file with the cablabel S3 software | Implementation of replace file and replacement of variable data in SAPScript | Printout from SAP |

Administration

 **Configuration in intranet und Internet**
The HTTP and FTP server integrated in the printer via standard programs like web browser and FTP clients allows printer monitoring and configuration, firmware updates and memory card administration. The SNMP and SMTP client via email or SNMP datagram sends status, warning and error messages to administrators and users. Time and date are synchronized by a time server.



 **Network Manager³⁾**
The Network Manager enables to manage several printers simultaneously within a network. It supports one-stop control, configuration, firmware update, memory card administration, data synchronization and PIN administration.

| Name | Group | Type | Address | Status | Pin |
|----------------|-------|-------------|----------------|--------|-----|
| 192.168.100.48 | | cab A4+300 | 192.168.100.48 | Ready | 0% |
| 192.168.100.54 | | cab XC4/300 | 192.168.100.72 | Ready | 0% |
| 192.168.100.72 | | cab A6+300 | 192.168.100.80 | Ready | 0% |
| 192.168.100.80 | | cab A4+300 | 192.168.100.54 | Ready | 0% |

¹⁾ Windows is a registered trademark of Microsoft Corporation.
²⁾ MAC OS X is a registered trademark of Apple Computer, Inc.
³⁾ In preparation

Maintenance



Label sensor

The label sensor is unlocked and pulled out with finger pressure for cleaning.



Print head

The print head can be exchanged in few steps. In general, adjustments and settings are not required.



Print roller

The print roller can be removed with a screw for cleaning or exchange.



Assembling tool

For replacing wear parts or peripheral mounting ONE tool is inserted at the printer ready to hand.

Service



Well-trained cab service engineers give worldwide support in maintenance and repair. Send your printer to a cab service center or a service partner selected by us. Your device will be checked and repaired within few workdays. If requested, a loan device is offered as a replacement during the time of repair.

You want maintenance and repair to be done in your company? Then make an appointment with our service department.

Contact: phone +49 721 6626 300, service.de@cab.de

Training



You enhance your knowledge of cab products for an effective use and gain valuable knowledge for the service and repair of the devices. At the Karlsruhe site, we offer training sessions on handling and operation, label design, software tools, printer drivers, programming, database connectivity, as well as for the integration in networks or a higher-level ERP systems. We will be happy to send you detailed information about the current training offering. Of course we also offer tailored trainings to your individual requirements - in Karlsruhe or at your site.

Product range

Label printers

| Pos. | | Part no. | Devices |
|---|---|-----------------|--|
| 1.1 |  | 5977014 | Label printer SQUIX 4.3/200 |
| | | 5977015 | Label printer SQUIX 4.3/300 |
| | | 5977001 | Label printer SQUIX 4/300 |
| | | 5977002 | Label printer SQUIX 4/600 |
| 1.2 |  | 5977016 | Label printer SQUIX 4.3/200P |
| | | 5977017 | Label printer SQUIX 4.3/300P |
| | | 5977004 | Label printer SQUIX 4/300P |
| 1.3 |  | 5977018 | Label printer SQUIX 4.3/200M |
| | | 5977019 | Label printer SQUIX 4.3/300M |
| | | 5977010 | Label printer SQUIX 4/300M |
| 1.4 |  | 5977011 | Label printer SQUIX 4/600M |
| | | 5977022 | Label printer SQUIX 4.3/200MP |
| | | 5977023 | Label printer SQUIX 4.3/300MP |
| | | 5977007 | Label printer SQUIX 4/300MP |
| | | | |
| | | Part no. | Special devices |
| 1.5 |  | 5977xxx.102 | <p>Printer with RFID HF, basic and dispensing version with centered material guide</p> <p>Label printer SQUIX x/xxxM-RFID/HF Label printer SQUIX x/xxxMP-RFID/HF "x" - choose device from Pos. 1.3/1.4</p> |
| 1.6 |  | 5977xxx.120 | <p>Printer with RFID UHF, basic and dispensing version with centered material guide</p> <p>Label printer SQUIX x/xxxM-RFID/UHF Label printer SQUIX x/xxxMP-RFID/UHF "x" - choose device from Pos. 1.3/1.4</p> |
| 1.7 |  | 5977xxx.355 | <p>Printer with separator, basic version with centered material guide</p> <p>Label printer SQUIX x/xxxMT "x" - choose device from Pos. 1.3</p> |
| <p>Scope of delivery: Label printer, power cable type E+F, length 1,8 m connecting cable USB, length 1,8 m operator's manual de/en</p> <p>DVD: Operator's manual in more than 20 languages configuration manual de/en/fr service manual de/en spare parts list de/en programming manual en WHQL certified Windows printer drivers for Windows Vista Server 2003 Windows 7 Server 2008 Windows 8 Server 2008 R2 Windows 8.1 Server 2012 Windows 10 Server 2012 R2 Apple Mac OS X drivers de/en/fr Linux drivers de/en/fr Label software cablabel S3 Lite cablabel S3 Viewer Database Connector</p> | | | |

Wear parts

| Pos. | | Part no. | Print heads |
|------|--|-----------------|--|
| 2.1 |  | 5977382.001 | Print head 4.3/200 |
| | | 5977383.001 | Print head 4.3/300 |
| | | 5977444.001 | Print head 4/300 |
| | | 5977380.001 | Print head 4/600 |
| | | Part no. | Print and rewind assist rollers |
| 2.2 |  | 5953700.001 | Print roller DRK4-25 |
| | | 5953701.001 | Print roller DRK4-50 |
| | | 5953702.001 | Print roller DRK4-80 |
| | | 5954180.001 | Print roller DRK4-120 |
| | | 5954183.001 | Rewind assist roller RRK4-120 |
| | | 5954985.001 | Print roller DRS4-120 |

Accessories

| Pos. | | Part no. | Extra equipment |
|------|--|-----------------|--|
| 2.3 |  | 5977339.001 | Antistatic brush |
| 2.4 |  | 5977590.001 | Label sensor 2 |
| 2.5 |  | 5977530.001 | Label sensor 4 |
| 2.6 |  | 5959622.001 | Adapter 100 |
| 2.7 |  | 5977370 | SD card 4 GB |
| 2.8 |  | 5977730 | USB stick 4 GB |
| 2.9 |  | 5977731 | USB WLAN stick 802.11b/g/n 2.4 GHz + a/n/ac 5 GHz |
| 2.10 |  | 5977732 | Nano Bluetooth USB adapter |
| 2.11 |  | 5978911 | Barcode tester for linear and 2D barcodes |
| | | Part no. | Dispensing labels |
| 2.12 |  | 5977585 | Present sensor PS800 |
| 2.13 |  | 5977538 | Present sensor PS900 |
| 2.14 |  | 5977735 | Present sensor PS1000 MP |
| 2.15 |  | 5978908.001 | Extended peel-off plate DP410 |
| 2.16 |  | 5978909 | Product sensor |

Accessories

| Pos. | | Part no. | Interfaces |
|------|---|----------------------|---|
| 3.1 |  | 5977369.001 | I/O interface |
| 3.2 |  | 5917651 | I/O interface connector SUB-D 25 pin |
| 3.3 |  | 5948205 | Label selection - I/O box |
| | | Part no. | Connecting cable |
| 4.1 |  | 5550818 | Connecting cable RS232 C 9/9 pin, length 3 m |
| | | Part no. | Cutting, perforating, stacking |
| 5.1 |  | 5978900 | Cutter CU400 with cutter tray |
| 5.2 |  | 5978901 5978920 | Perforation cutter PCU400/2.5 Perforation cutter PCU400/10 |
| 5.3 |  | 5978902 | Stacker with cutter and base frame ST400 |
| |  | 5xxxxx* | Storage table ST400, label W x H |
| | | Part no. | Rewinding, unwinding labels |
| 6.1 |  | 5978903.001 | Rewind guide plate RG400 |
| 6.2 |  | 5978904 | External rewriter ER4200 |
| 6.3 |  | 5978905 | External rewriter ER4300 |
| 6.4 |  | 5978907 | External unwinder EU4390 |
| | | Part no. | Applicators and dispensing modules |
| 7.1 |  | 5976086 | Applicator S1000-220 |
| | | 5976087 | Applicator S1000-300 |
| | | 5976088 | Applicator S1000-400 |
| 7.2 |  | 5949072 | Universal tamp pad A1021 70 x 60 |
| | | 5949075 | Universal tamp pad A1021 90 x 90 |
| | | 59xxxxx* 5977xxx* | Tamp pad A1021 W x H Tamp pad M1021 W x H |
| 7.3 |  | 5949076 | Universal tamp pad A1321 116 x 102 |
| | | 5949077 | Universal tamp pad A1321 116 x 152 |
| | | 59xxxxx* 5977xxx* | Tamp pad A1321 W x H Tamp pad M1321 W x H |

| Pos. | | Part no. | Applicators and dispensing modules |
|---------|---|----------------|--|
| 7.4 |  | 59xxxxx* | Blow pad A2021 W x H |
| | | 5977xxx* | Blow pad M2021 W x H |
| 7.5 |  | 59xxxxx* | Roll-on pad A1411 W x H |
| | | 5977xxx* | Roll-on pad M1411 W x H |
| 7.6 |  | 5976084 | All-around labeler |
| 7.7 |  | 5976085 | Applicator S3200 |
| 7.8 |  | 59xxxxx* | Tamp pad A3200-1100 W x H |
| | | 5977xxx* | Tamp pad M3200-1100 W x H |
| 7.9 | | 59xxxxx* | Blow pad A3200-2100 W x H |
| | | 5977xxx* | Blow pad M3200-2100 W x H |
| 7.10 | | 5976083 | Dispensing module S5104 |
| | | Part no. | Mounting equipment |
| 8.1 | | 5978910 | Mounting plate |
| 8.2 | | 5958365 | Profile 40 |
| | | 5965929 | Profile 80 |
| | | 5971136 | Profile 120 |
| 8.3 | | 5961203 | Base plate 500 x 255 |
| 8.4 | | 5947400 | Floor stand 1600 |
| 8.5 | | 5978922 | Printer holder |
| | | Part no. | Label software |
| 11.7 | | 5588000 | cablabel S3 Lite |
| | | 5588001 | cablabel S3 Pro 1 WS |
| | | 5588100 | cablabel S3 Pro 5 WS |
| | | 5588101 | cablabel S3 Pro 10 WS |
| | | 5588150 | cablabel S3 Pro 1 additional licence |
| | | 5588151 | cablabel S3 Pro 4 additional licences |
| | | 5588152 | cablabel S3 Pro 9 additional licences |
| | | 5588002 | cablabel S3 Print 1 WS |
| | | 5588105 | cablabel S3 Print 5 WS |
| | | 5588106 | cablabel S3 Print 10 WS |
| 5588155 | cablabel S3 Print 1 additional licence | | |
| 5588156 | cablabel S3 Print 4 additional licences | | |
| 5588157 | cablabel S3 Print 9 additional licences | | |
| | | In preparation | cablabel S3 Print Server |
| 11.10 | | 9009950 | Programming manual en, printed copy |

* User specific part no. following request

Product overview

Label printers MACH1/2
in the lower price segment



Label printers MACH4
where little space is available



Label printers EOS1
desktop device for label rolls
up to diameter 155 mm



Label printers EOS4
desktop device for label rolls
up to diameter 210 mm



Label printers A2+
industrial device
up to print width 57 mm



Label printers SQUIX
industrial device
up to print width 108 mm



Label printers A6+
industrial device
up to print width 168 mm



Label printers A8+
industrial device
up to print width 216 mm



Label printers XD4T
for double-sided printing



Label printers XC
for two-color printing



Print and apply systems Hermes+
for automation



Print and apply systems Hermes C
for two-color printing and applying



Print modules PX
to be integrated
in automatic labeling systems



Labels
of more than 400 materials



Ribbons
in wax, resin and resin/wax qualities



Label software cablabel S3
Design, print, monitoring



Label dispensers HS/VS
for horizontal or
vertical dispensing



Labeling heads IXOR
to be integrated
in labeling machines



Marking lasers FL+
with output powers 10 to 50 watt



Laser marking systems
for industrial solutions



 Headquarters and fabrication in Germany

 to  International subsidiaries

There are further 820 distribution partners in more than 80 countries.



Europe

Germany

cab Produkttechnik GmbH & Co KG
Wilhelm-Schickard-Str. 14
76131 Karlsruhe
phone +49 721 6626 0
fax +49 721 6626 129
info@cab.de
www.cab.de

France

cab Technologies S.à.r.l.
2a Rue de la Moder
Z.A. Nord du Val de Moder
67350 Niedermodern
phone +33 388 722501
fax +33 388 722502
info.fr@cab.de
www.cab.de/fr

America

USA

cab Technology, Inc.
87 Progress Avenue Unit 1
Tyngsboro, MA 01879
phone +1 978 649 0293
fax +1 978 649 0294
info.us@cab.de
www.cab.de/us

Latin America

Alejandro Balmaceda
Hacienda Jurica Pte 1615
Colonial de Valle
32553 Juárez, Mexico
phone +52 656 682 3745
fax +52 656 682 4301
a.balmaceda@cab.de
www.cab.de/es

Asia

Taiwan

cab Technology Co., Ltd.
希愛比科技股份有限公司
16F-1, No. 700, Jhong Jheng Rd
Junghe, Taipei 23552
phone +886 (02) 8227 3966
fax +886 (02) 8227 3566
info.asia@cab.de
www.cab.de/tw

China

cab (Shanghai) Trading Co., Ltd.
铠博(上海)贸易有限公司
A507, No. 268, Tong Xie Rd
Shanghai 200335
phone +86 (021) 6236 3161
fax +86 (021) 6236 3162
info.cn@cab.de
www.cab.de/cn

cab (Shanghai) Trading Co., Ltd.
铠博(上海)贸易有限公司
Room 39, 10F, 8 Lin He Zhong Rd
Tian He District, Guangzhou 510610
phone +86 (020) 2831 7358
info.cn@cab.de
www.cab.de/cn

Africa

South Africa

cab Technology (Pty) Ltd.
14 Republic Street
Bordeaux
2125 Randburg
phone +27 11 886 3580
fax +27 11 789 3913
info.za@cab.de
www.cab.de/za