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Products need labeling  
Label printers  
for industrial applications



**SQUIX**  
Made in Germany

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## Label printers

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Scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee.



For current data see also the Internet:  
[www.cab.de/en/squix](http://www.cab.de/en/squix)

## Key features



### SQUIX

Label printers for industrial applications

They are for use in a wide range of applications.

They have been developed with a constant focus on easy and intuitive operation as well as high reliability.

The print mechanics and the chassis are made from high-quality materials and perfectly match in shape and function.

A large number of peripherals and software enable customer-specific solutions.

Whether operated stand-alone, linked to a PC or in a network – the rugged printers are always up to the mark.

A powerful processor results in print jobs performed quickly and labels provided straight away.

- reliable and fast printing
- accurate print images
- easy to operate
- compact design
- maximum quality standards

## Sample applications

PCB labeling



Type plate labeling



Cardboard and pallet labeling



# Label printers with left-aligned material guidance

designed for printing in different print widths on various materials

1.1, 1.2



## Slim ones

to print small labels

| Label printer        |            | SQUIX 2 |      |
|----------------------|------------|---------|------|
| Printable resolution | dpi        | 300     | 600  |
| Print speed          | up to mm/s | 250     | 150  |
| Print width          | up to mm   | 56.9    | 54.1 |

1.3, 1.4



## Universal ones

Best-selling industrial devices, providing a wide range of accessories

| Label printer        |            | SQUIX 4.3 |       | SQUIX 4 |       |
|----------------------|------------|-----------|-------|---------|-------|
| Printable resolution | dpi        | 203       | 300   | 300     | 600   |
| Print speed          | up to mm/s | 250       | 250   | 300     | 150   |
| Print width          | up to mm   | 104       | 108.4 | 105.7   | 105.7 |

**NEW**

Basis devices may be provided with an integral cutter.

1.5, 1.6



## Wide ones

to print Odette, UCC and GS1 labels in logistics applications

| Label printer        |            | SQUIX 6.3 |       |
|----------------------|------------|-----------|-------|
| Printable resolution | dpi        | 203       | 300   |
| Print speed          | up to mm/s | 250       | 250   |
| Print width          | up to mm   | 168       | 162.6 |



## Basic device

providing a tear-off plate

They print on labels or on continuous materials wound on rolls or fanfold. Materials are torn off on a jagged plate. Cutting is an option, so is external rewinding.



## Peel-off device

providing a rewinder internally

Peeling off labels is a feature added to a basic version. Labels are separated from the liner after printing to be removed by hand or by an applicator. Delivery includes a digital I/O interface



## The extra wide one

to print pallet or barrel labels

| Label printer        |            | A8+ |
|----------------------|------------|-----|
| Printable resolution | dpi        | 300 |
| Print speed          | up to mm/s | 150 |
| Print width          | up to mm   | 216 |

For further information on the A8+ see [www.cab.de/en/a8plus](http://www.cab.de/en/a8plus)

# Label printer with left-aligned material guidance

as a peel-off device providing a rewinder internally



*Label printer SQUIX 4 P,  
peel-off device providing a rewinder internally*

## 1 Hinged cover

Material stock can be checked and entire printing processes followed through a large panoramic window.

## 2 Plungers

One is fixed on the inside. To get a good print image, the second one is moved to the outside margin of a label.

## 3 Rugged metal chassis

made of cast aluminum to assemble all the units

## 4 Coated print rollers

Synthetic rubber is a standard to get highly accurate print images. Silicone coating is an option for extra long service life.

## 5 Peel-off function

to separate labels from the liner. A powered guide roller and a pinch roller enable highly accurate imprint and peel-off.

## 6 Peripheral port

to plug additional modules easily and quickly. They are screw-fixed.

## 7 Ribbon holder

Ribbons are quick and easy to replace using three-part tightening axles.

## 8 Roll holder

Constant tension by means of the margin stop (spring-mounted, screw-capped) while material is fed

## 9 Internal rewinder

to wind labels or liners with or without a cardboard core on peel-off devices. Materials are easy to handle using a three-part tightening axle.

## 10 Rocker

Suspension and Teflon-made guide rollers reduce traction and improve the accuracy of print images.

## 11 Material guide

assembled to the rocker. By a user turning the rotary knob, the stop moves to the margin of a label.

## Print image accuracy

The smaller a label, the higher are the demands. Using slip correction, print offset can be reduced by  $\pm 0.2$  mm.

# Label printers with centered material guidance

1.7, 1.8



basic device



peel-off device

## Precise and flexible ones

to print on all materials wound on rolls or reels or fanfold, in particular very small labels or slim continuous materials such as pressed shrink tubes.

| Label printer        |            | SQUIX 4.3M |       | SQUIX 4M |       |
|----------------------|------------|------------|-------|----------|-------|
| Printable resolution | dpi        | 203        | 300   | 300      | 600   |
| Print speed          | up to mm/s | 250        | 250   | 300      | 150   |
| Print width          | up to mm   | 104        | 108.4 | 105.7    | 105.7 |

## Differences to left-aligned material guidance

### 1 Ribbon holder

A preprinted ruler simplifies setting a ribbon.

### 2 Plungers

Both positions remain fixed with all widths of material. There is no need of adjustment on the print head.

### 3 Roll holder

By applying the margin stop, a roll centers automatically

### 4 Material guide

attached next to the print roller to ensure accurate print images. Material widths are set with the help of a spindle

### 5 Slim print rollers

to obtain accurate print images if small materials and ribbons are in use. They prevent from roller wear, print head contamination and errors while materials are fed.

Synthetic rubber coating



Label printer SQUIX 4 MP, peel-off device providing a rewinder internally



# Label printers "MT" with centered material guidance and a separator

1.9



basic device

## To print textile applications

In applications requiring high heat energies, a ribbon may stick with the textile tape after printing. A draw roller reliably separates the ribbon from the material.

Besides textile applications, also labels or continuous materials wound on rolls or reels can be printed. There is no need of setting the width a label by moving plungers. Adapted print rollers are provided for slim materials.

| Label printer        |            | SQUIX 4.3 MT | SQUIX 4 MT |       |
|----------------------|------------|--------------|------------|-------|
| Printable resolution | dpi        | 300          | 300        | 600   |
| Print speed          | up to mm/s | 250          | 300        | 150   |
| Print width          | up to mm   | 108.4        | 105.7      | 105.7 |

## Differences to left-aligned material guidance

### 1 Ribbon holder

A preprinted ruller simplifies setting a ribbon.

### 2 Plungers

Both positions remain fixed with all widths of material. There is no need of adjustment on the print head.

### 3 Antistatic brush

to dissipate electrostatic charge after printing, in particular if plastic materials are in use

### 4 Separator

In applications requiring high heat energies, a ribbon may stick with the textile tape after printing. A draw roller reliably separates the ribbon from the material.

### 5 Roll holder

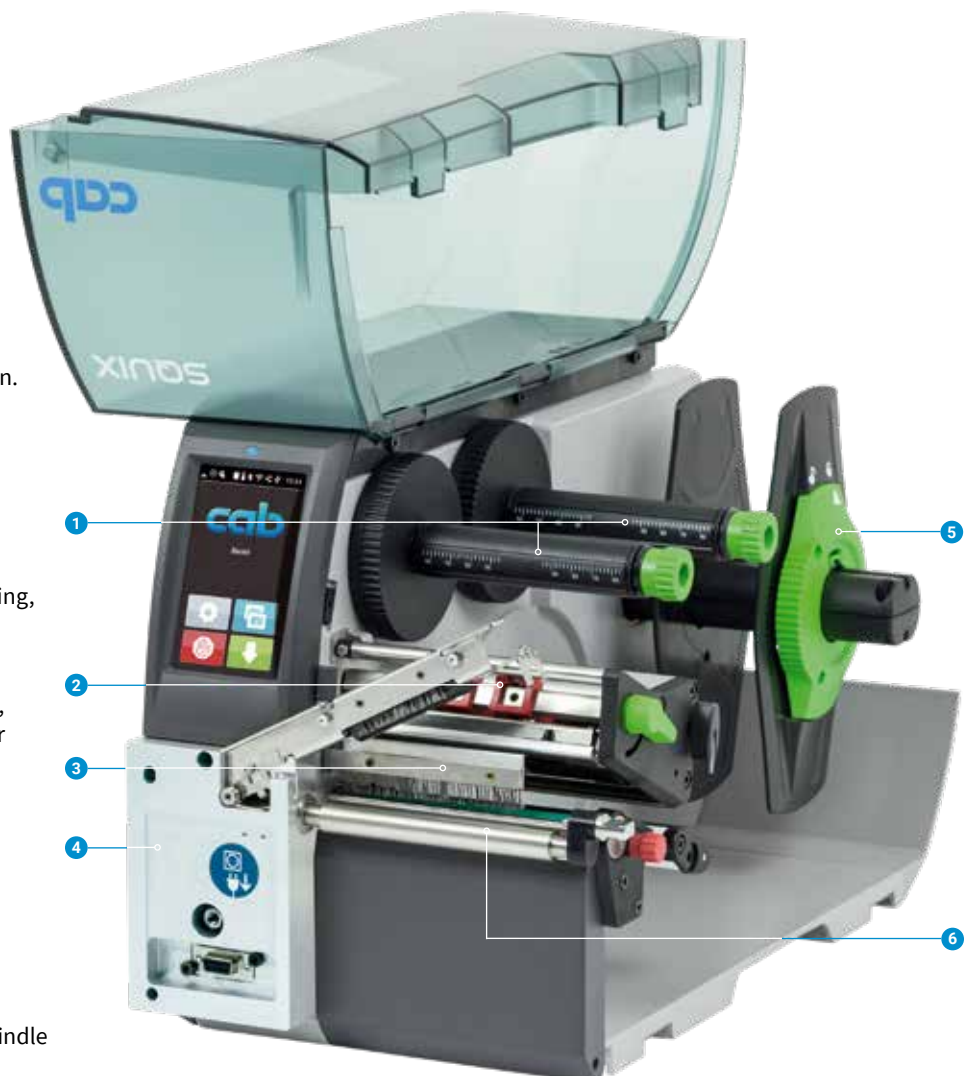
By applying the margin stop, a roll centers automatically

### 6 Material guide

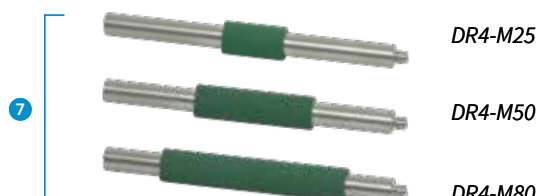
attached next to the print roller to ensure accurate print images. Material widths are set with the help of a spindle

### 7 Slim print rollers

to obtain accurate print images if small materials and ribbons are in use. They prevent from roller wear, print head contamination and errors while materials are fed. Synthetic rubber coating







Label printer SQUIX 4 MT providing a built-on separator








# Operation panel

**Self-explanatory symbols help with the device settings and enable a printer to be operated intuitive and easily.**

- 1 **LED:** Power ON
- 2 **Status bar:** reception of data, record data stream, pre-warning to a ribbon ending, SD memory card / USB memory stick plugged, Bluetooth, WLAN, Ethernet, USB slave, time
- 3 **Printer status:** ready, pause, number of labels printed in a print job, label in peel-off position, external start signal awaited
- 4 **USB port** to plug a service key or a memory stick, to transfer data to the IFFS memory
- 5 **USB WLAN stick** 2.4 GHz 802.11b/g/n enclosed in the scope of delivery; In hotspot mode, mobile devices can connect directly to a printer via WLAN.
- 6 **Operation**

|  |                                |   |
|--|--------------------------------|---|
|  | Cutter / perforation cutter:   | cutting                                   |
|  | External rewriter:             | wound outside or inside                   |
|  | Tear-off mode / peel-off mode: | printing a label                          |
|  | Applicator:                    | printing and labeling in individual steps |

|   |                    |   |                                |   |                                  |
|---|--------------------|---|--------------------------------|---|----------------------------------|
|  | Jump to menu       |  | Stop and delete all print jobs |  | Interrupt and continue print job |
|  | Reprint last label |  | Label feed                     |   |                                  |



Setup options



Printing parameters



Print positions Y



Print speeds



Video tutorials

# External operation panel

same functionality as on the printer

display in landscape or portrait mode

Users are free to choose whether to operate the external panel or the one installed on the printer.

USB 2.0 Hi-Speed device to connect a printer

- 1 **LED:** Power ON
- 2 **USB port** to plug a service key or a memory stick, to transfer data to the IFFS memory
- 3 **Connecting USB cable**, lengths 1.8 m to 16 m  
If length succeeds 3 m, use only specified cables.  
For dimensions see assembly instructions





## Print heads



**A print head can be replaced by any other one, provided they are of equal width. They are detected and calibrated by the CPU automatically.**

Major data such as the operational performance, maximum operational temperatures and heat energies are kept in memory on a print head. The data can be read at the premise.

**Print heads provided for SQUIX 2, SQUIX 4 - 300, 600 dpi**  
to print sharp-edge images  
to print small fonts and graphics on typeplates  
to print on materials that imply high energy needs

**Print heads provided for SQUIX 4.3, SQUIX 6.3 - 203, 300 dpi**  
durable  
to operate in harsh environments, thermal direct printing

## Print rollers



**Two materials:**

### Print rollers DR

Synthetic rubber coating  
highly accurate print images, provided as standard

### Print rollers DRS

Silicone coating  
extra long service life at a higher print image tolerance

## Interfaces



**1** to plug a **SD memory card**

**2** **2 USB hosts** to plug a service key, USB memory stick, keyboard, barcode scanner, USB Bluetooth adapter, USB WLAN stick, external operation panel

**3** **USB 2.0 Hi-Speed device** to connect a PC

**4** **Ethernet 10/100 Mbit/s**

**5** **RS232-C** 1,200 to 230,400 baud / 8 bit

**6** **Digital I/O interface**

a standard on peel-off devices, an option for basic devices

Printing is triggered by a PLC, a sensor or with the help of a hand switch. Status and error reports are displayed.

compliant to IEC/EN 61131-2, type 1+3

All the inputs and outputs are galvanically isolated and protect from reverse polarity. The outputs also protect from short circuit.

### PNP inputs

Start printing or labeling  
Print first label  
Reprint  
Delete print job  
Label removed  
Stop printing or labeling  
Pause  
Reset

### PNP, NPN outputs

Device ready  
Print data available  
Initial / upper end position  
Paper feed ON  
Label in peel-off position  
Label transfer / lower end position  
Pre-warning to ribbon ending  
Collective error

# Technical data

● typical ○ possible ■ standard □ option

| Label printer  |                               | Type   | 1.1, 1.2  |                 | 1.3, 1.4  |       |                 | 1.5, 1.6  |                 | 1.7, 1.8    |     |                 | 1.9         |            |       |       |       |
|--|-------------------------------|--|---|-----------------|-----------|-------|-----------------|-----------|-----------------|-------------|-----|-----------------|-------------|------------|-------|-------|-------|
|  |                               |  | SQUIX 2   |                 | SQUIX 4.3 |       | SQUIX 4         | SQUIX 6.3 |                 | SQUIX 4.3 M |     | SQUIX 4 M       | SQUIX 4.3MT | SQUIX 4 MT |       |       |       |
| Material guidance  |                               |  | left-aligned  |                 |           |       |                 |           | centered        |             |     |                 |             |            |       |       |       |
| Printing method  | Thermal transfer              |  | ●   | ●               | ●         | ●     | ●               | ●         | ●               | ●           | ●   | ●               | ●           | ●          | ●     |       |       |
|  | Thermal direct                |  | ○   | -               | ●         | ●     | ○               | -         | ●               | ●           | ○   | -               | ●           | ○          | -     |       |       |
| Printable resolution   | dpi                           |  | 300   | 600             | 203       | 300   | 300             | 600       | 203             | 300         | 203 | 300             | 300         | 600        | 300   | 600   |       |
| Print speed  | up to mm/s                    |  | 250   | 150             | 250       | 250   | 300             | 150       | 250             | 250         | 250 | 250             | 300         | 150        | 250   | 300   | 150   |
| Print width  | up to mm                      |  | 56.9  | 54.1            | 104       | 108.4 | 105.7           | 105.7     | 168             | 162.6       | 104 | 108.4           | 105.7       | 105.7      | 108.4 | 105.7 | 105.7 |
| Initial print  | Distance to locating edge     | mm   | 2   | 2.8             | 1.2       | 2     | 0.5             | 3.2       | 25              | centered    |     |                 |             |            |       |       |       |
| <b>Material<sup>1)</sup></b>   |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Paper, cardboard, plastics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec                         |                               |  | ●   |                 |           |       | ●               |           |                 | ●           |     |                 |             | ●          |       |       |       |
| Shrink tube  | ready for use                 |  | -   |                 |           |       | ○               |           |                 | ○           |     |                 |             | ●          |       |       |       |
|  | continuous, pressed           |  | -   |                 |           |       | -               |           |                 | -           |     |                 |             | ●          |       |       |       |
| Textile tape   |                               |  | -   |                 |           |       | -               |           |                 | -           |     |                 |             | ○          |       |       |       |
| Packing  | wound on a roll, fanfold      |  | ●   |                 |           |       | ●               |           |                 | ●           |     |                 |             | ●          |       |       |       |
|  | wound on a reel               |  | -   |                 |           |       | -               |           |                 | -           |     |                 |             | ●          |       |       |       |
|  | Roll diameter                 | up to mm   | 205   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Core diameter                 | mm   | 38.1 - 76   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Winding                       |  | outside or inside   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Labels   | Width                         | mm   | 4 - 63  |                 | 20 - 116  |       |                 | 46 - 176  |                 | 4 - 110     |     |                 | 4 - 110     |            |       |       |       |
|  | Height                        | no label backfeed <sup>2)</sup>  | from mm   | 4               |           | 4     |                 |           | 6               |             | 3   |                 |             | 4          |       |       |       |
|  |                               | label backfeed <sup>2)</sup>   | from mm   | 4               |           | 6     |                 |           | 12              |             | 4   |                 |             | 6          |       |       |       |
|  | label backfeed peel-off       | from mm  | 6   |                 | 6         |       |                 | 12        |                 | 6           |     |                 | -           |            |       |       |       |
|  | Thickness                     | mm   | 0.03 - 0.6  |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Liner  | Width                         | mm   | 24 - 67   |                 | 24 - 120  |       |                 | 50 - 180  |                 | 9 - 114     |     |                 | 9 - 114     |            |       |       |       |
|  | Thickness                     | mm   | 0.03 - 0.16   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Continuous material  | Width                         | mm   | 24 - 67   |                 | 24 - 120  |       |                 | 50 - 180  |                 | 9 - 114     |     |                 | 9 - 114     |            |       |       |       |
|  | Thickness                     | mm   | 0.05 - 0.5  |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Weight (cardboard)            | up to g/m <sup>2</sup>   | 300   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Shrink tube  | Width                         | ready for use  | up to mm  | -               | 120       |       |                 | -         | 114             |             | 114 |                 |             |            |       |       |       |
|  | continuous, pressed           | mm   | -   | -               |           |       | -               | 4 - 85    |                 | 4 - 85      |     |                 |             |            |       |       |       |
|  | Thickness                     | up to mm   | -   | 1.1             |           |       | -               | 1.1       |                 | 1.1         |     |                 |             |            |       |       |       |
| Ribbon <sup>3)</sup>   | Coating                       |  | outside or inside   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Roll diameter                 | up to mm   | 80  |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Core diameter                 | mm   | 25.4  |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Length                        | up to m  | 450   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
|  | Width                         | mm   | 25 - 67   |                 | 25 - 114  |       |                 | 50 - 170  |                 | 25 - 114    |     |                 | 25 - 114    |            |       |       |       |
| <b>Internal rewinder provided on peel-off devices</b>  |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Outside diameter   | up to mm                      | 142  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Core diameter  | mm                            | 40   |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Winding  |                               | outside  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| <b>Printer dimensions and weights</b>  |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Width x Height x Depth   | mm                            | 200 x 288 x 460  |   | 252 x 288 x 460 |           |       | 312 x 288 x 460 |           | 252 x 288 x 460 |             |     | 252 x 288 x 460 |             |            |       |       |       |
| Weight   | kg                            | 9  |   | 10              |           |       | 14              |           | 10              |             |     | 10              |             |            |       |       |       |
| <b>Label sensors to indicate positions</b>   |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Transmissive sensor  | detecting                     | labels or punch marks and materials ending, print marks on translucent materials |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Reflective sensor  | reflex from below or top      | detecting  | labels and materials ending, print marks on non-translucent materials   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Sensor distance  | to locating edge              | left-aligned mm  | 5 - 26  |                 | 5 - 60    |       |                 | 5 - 60    |                 | -           |     |                 | -           |            |       |       |       |
|  | from centre to locating edge  | centered mm  | -   |                 | -         |       |                 | -         |                 | 0 - 55      |     |                 | 0 - 55      |            |       |       |       |
| Material passage   | up to mm                      | 2  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| <b>Electronics</b>   |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Processor 32 bit clock rate  | MHz                           | 800  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Main memory (RAM)  | MB                            | 256  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Data memory (IFFS)   | MB                            | 50   |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Port to plug a SD memory card (SDHC, SDXC)   | up to GB                      | 512  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Battery to indicate time and date, real-time clock   |                               | ■  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Data memory when power turns off (e.g. serial numbers)                                       |                               | ■  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| <b>Interfaces</b>  |                               |  |   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| RS232-C  | 1,200 to 230,400 baud / 8 bit |  | ■   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| USB 2.0 Hi-Speed device to connect a PC  |                               |  | ■   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Ethernet   | 10/100 Mbit/s                 |  | LPD, IPv4, RawIP printing, DHCP, HTTP/HTTPS, FTP/FTPS, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service, VNC             |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| 1 USB host on the operation panel  | to plug a                     |  | service key or USB memory stick   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| 1 USB host on the operation panel  | to plug a                     |  | USB WLAN stick 2.4 GHz 802.11b/g/n  |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| 2 USB hosts on the back of the device  | to plug a                     |  | Service Key, USB memory stick, keyboard, barcode scanner, USB Bluetooth adapter, USB WLAN stick, external operation panel |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| USB WLAN stick 2.4 GHz 802.11b/g/n   |                               |  | ■ (enclosed in the scope of delivery)   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| USB WLAN stick 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac, hotspot mode or infrastructure mode |                               |  | □   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| USB Bluetooth adapter  |                               |  | □   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| USB host, 24 VDC, to plug peripherals  |                               |  | ■   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| Digital I/O interface  | Peel-off printer              |  | ■   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |
| providing 8 inputs and outputs   | Basic printer                 |  | □   |                 |           |       |                 |           |                 |             |     |                 |             |            |       |       |       |

<sup>1)</sup> Specifications are standard values. Applications with small or strongly adhesive labels have to be tested, so are thin, slim, thick or stiff materials.

<sup>2)</sup> when labels are torn off, cut, rewound

<sup>3)</sup> A ribbon should be at least as wide as the liner.

# Technical data

■ standard □ option

| Operating data                                  |  |  |
|---|--|--|
| Voltage   | 100 - 240 VAC, 50/60 Hz, PFC   |  |
| Power consumption                               | <10 W in standby / typical are 100 W   |  |
| Temperature / humidity                          | Operation  | +5 - 40°C / 10 - 85 %, not condensing  |
|   | Stock  | 0 - 60°C / 20 - 85 %, not condensing   |
|   | Transport  | -25 - 60°C / 20 - 85 %, not condensing   |
| Approvals                                       | CE, FCC Class A, ICES-3, cULus, CB, CoC Mexico, CCC, EAC, BIS, BSMI, KC-Mark, RCM  |  |
| Operation panel                                 |  |  |
| Colored LCD touch display                       | Screen diagonal  | " 4.3  |
|   | Resolution Width x Height  | px 272 x 480   |
| Setup options                                   |  |  |
|   | Print Labels<br>Ribbon<br>Tear-off<br>Peal-off<br>Cut<br>Apply<br>Interfaces<br>Error  | Region:<br>- Language<br>- Country<br>- Keyboard<br>- Time zone<br>Time<br>Display:<br>- Brightness<br>- Power saving mode<br>- Orientation<br>Interpreter |
| Status bar                                      |  |  |
|   | Reception of data<br>Record data stream<br>Pre-warning to a ribbon ending<br>SD memory card plugged<br>USB memory stick plugged  | Bluetooth<br>WLAN<br>Ethernet<br>USB slave<br>Time   |
| Controls  |  |  |
|   | Ribbon winding<br>Ribbon pre-warning<br>Ribbon ending<br>Material ending   | Print head voltage<br>Print head temperature<br>Print head open<br>Pinch roller open (peel-off device, separator)<br>Peripheral error                      |
| Test routines                                   |  |  |
| System diagnostics                              | and print head detection at start up   |  |
| Display of information, test printout, analysis | Status printout  | Test grid  |
|   | Fonts list   | Label profile  |
|   | List of devices<br>WLAN status   | List of events<br>Monitor mode   |
| Status reports                                  | - Printout of printer settings such as print lengths and service hours so far<br>- Device status request by software command<br>- Display of network errors, links missing, barcode errors, peripheral errors, etc. on the operation panel   |  |
| Fonts   |  |  |
| provided internally                             | 5 bitmap fonts:<br>12 x 12 dots<br>16 x 16 dots<br>16 x 32 dots<br>OCR-A<br>OCR-B  | 7 vector fonts:<br>AR Heiti Medium GB-Mono<br>CG Triumvirate Cond. Bold<br>Garuda<br>HanWangHeiLight<br>Monospace 821<br>Swiss 721<br>Swiss 721 Bold       |
| to store  | TrueType fonts   |  |
| Character sets                                  | Windows-1250 to -1257<br>DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869<br>EBCDIC 500<br>ISO 8859-1 to -10 and -13 to -16<br>WinOEM 720<br>UTF-8<br>MacRoman<br>DEC MCS<br>KOI8-R<br><br>Western European<br>Eastern European<br>Chinese, simplified<br>Chinese, traditional<br>Thai |  |
| Bitmap fonts                                    | Widths and heights 1 - 3 mm<br>Zoom factors 2 to 10<br>Orientations 0°, 90°, 180°, 270°  |  |
| Vector / TrueType fonts                         | Widths and heights 0.9 - 128 mm<br>Continuous zoom<br>Orientation 360° in steps of 1°  |  |
| Font styles                                     | bold, italic, underlined, outline, inverse<br>- depending from the font type   |  |
| Character spacing                               | variable or monospace  |  |

| Graphics                                  |   |   |
|---|---|---|
| Elements                                  | lines, arrows, rectangles, circles, ellipses<br>- filled and gradient   |   |
| Formats                                   | PCX, IMG, BMP, TIF, MAC, GIF, PNG   |   |
| Barcodes                                  |   |   |
| Linear                                    | Code 39, Code 93<br>Code 39 Full ASCII<br>Code 128 A, B, C<br>EAN 8, 13<br>EAN/UCC 128/GS1-128<br>EAN/UPC Appendix 2<br>EAN/UPC Appendix 5<br>FIM<br>HIBC | Interleaved 2/5<br>Ident and routing code of Deutsche Post<br>Codabar<br>JAN 8, 13<br>MSI<br>Plessey<br>Postnet<br>RSS 14<br>UPC A, E, E0   |
|   | 2D and stacked  | DataMatrix<br>DataMatrix Rectangle Extension<br>QR code<br>Micro QR code<br>GS1 QR code<br>GS1 DataMatrix<br>PDF 417<br>Micro PDF 417<br>UPS MaxiCode<br>GS1 DataBar<br>Aztec<br>Codablock F<br>Dotcode<br>RSS 14 truncated, limited, stacked, stacked omni-directional<br><br>All codes may vary in height, modular width and ratio.<br>Orientations 0°, 90°, 180°, 270°<br>Check digits, plain text printouts and start/stop codes are options depending from the type of code. |
| Software                                  |   |   |
| Label software                            | cablabel S3 Lite<br>cablabel S3 Viewer<br>cablabel S3 Pro<br>cablabel S3 Print  | ■<br>■<br>□<br>□  |
| Running also with                         | CODESOFT<br>NiceLabel<br>BarTender  |   |
| Stand-alone operation                     |   | ■   |
| Windows printer drivers<br>WHQL certified | Windows Vista<br>Windows 7<br>Windows 8<br>Windows 8.1<br>Windows 10  | Server 2008<br>Server 2008 R2<br>Server 2012<br>Server 2012 R2<br>Server 2016<br>Server 2019  |
| Apple Mac OS X printer drivers            | from version 10.6   | ■   |
| Linux printer drivers                     | from CUPS 1.2   | ■   |
| Programming                               | JScript printer language<br>abc Basic Compiler  | ■<br>■  |
| Integration                               | SAP<br>Database Connector   | ■<br>■  |
| Emulation                                 | ZPL (Datastream must be tested in advance.)   |   |
| Administration                            | Printer control<br>Configuration in the Intranet and Internet<br>Network Manager (in preparation)   | ■<br>■<br>■   |

cab makes use of free and Open Source software in its products.  
See information provided on [www.cab.de/opensource](http://www.cab.de/opensource)

## OPC UA

All the latest cab printers are ready to interact with machines and components of different manufacturers in industrial plants.

An OPC UA server and a client are a part of the firmware.



For further data see also the Internet:  
[www.cab.de/opcu](http://www.cab.de/opcu)

## Label software

### cablabel S3 - design, print, administrate

cablabel S3 opens up the full potential of cab devices. At first, a label must be defined. Its modular design enables cablabel S3 adapt to requirements step by step. Embedded plug-ins like the JScript Viewer support features such as native JScript programming. The designer user interface synchronizes in real time, so are JScripts codes. Integrating the Database Connector or a barcode verifier are options.



For further information see  
[www.cab.de/en/cablabel](http://www.cab.de/en/cablabel)

## Stand-alone printing

Deciding for this operating mode enables a printer to select and print labels even when there is no host system connected. Labels can be designed using software such as cablabel S3 or programmed in a text editor directly on a PC. Data such as label formats, texts, graphics, as well as contents from a database can be stored on a memory card, a USB memory stick or in the printer's internal IFFS memory. Only variable data are sent by a keyboard, a barcode scanner, a scale or any other host system to a printer to be printed. It may also be recalled by the Database Connector from the host and printed.



## Printer control



### Drivers

cab provides 32 / 64 bit drivers to control a printer with software other than cablabel S3.



To run the drivers, operating systems need to be at least Windows Vista, Mac OS 10.6 and Linux CUPS 1.2.



Drivers are provided on a DVD included in the scope of delivery of a printer, and for free download on [www.cab.de/en/support](http://www.cab.de/en/support)

## Programming



### JScript

cab printers embed the JScript programming language. Free manual download on [www.cab.de/en/programming](http://www.cab.de/en/programming)



### abc Basic Compiler

abc in addition to JScript and as an integral firmware component enables advanced printer programming before data are edited for printout. For example, external printer languages can be replaced without intervening in the print application in progress. Data may be imported as well from other systems such as scales, barcode scanners or a PLC.

## Integration



### Printer Vendor Program

cab as a partner in this program developed a replace method to control cab printers from SAP<sup>2)</sup> R/3 using SAPScript. Only variable data are sent by a host system to a printer. They unite on the printer with the images and fonts that have been stored in the local memory (IFFS, memory card, etc.).

## Printer administration



### Configuration in the Intranet and Internet

cab printers integrate a HTTP and FTP server. By this, a printer can be controlled and configured, firmware updated and memory cards managed using standard applications such as web browsers or FTP clients. Using SNMP/SMTP clients, the attention of administrators or operators is drawn to warnings and errors via email or SNMP datagrams. Time and date are synchronized using a time server.



### Network Manager in preparation

Several printers can be managed simultaneously in a network, controlled and configured from one place. So are firmware updates, memory card management, data synchronization and PIN administration.



### Database Connector

Printers connected to a network may access data directly from a central ODBC or OLEDB database and print it on a label. While printing, data can be rewritten to the database.

<sup>1)</sup> Windows is a registered trademark of Microsoft Corporation

<sup>2)</sup> SAP and all corresponding logos are trademarks or registered trademarks of SAP SE

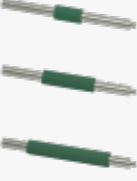



















# Overview of accessories

● typical ○ possible ■ standard □ option

| Pos.                                  |  | Basic device | Peel-off device | 1.1, 1.2 | 1.3, 1.4             | 1.5, 1.6  | 1.7, 1.8                 | 1.9                        |
|---------------------------------------|--|--------------|-----------------|----------|----------------------|-----------|--------------------------|----------------------------|
|                                       |  |              |                 | SQUIX 2  | SQUIX 4.3<br>SQUIX 4 | SQUIX 6.3 | SQUIX 4.3 M<br>SQUIX 4 M | SQUIX 4.3 MT<br>SQUIX 4 MT |
| 2.4                                   | Print rollers DR4-M25, -M50, -M80                          | ●            | ●               | -        | -                    | -         | □                        | □                          |
| 2.5                                   | Print roller DRS   | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.6                                   | External operation panel                                   | ●            | ●               | □        | □                    | □         | □                        | □                          |
|                                       | Connecting USB cable                                       | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.7                                   | Antistatic brush   | ●            | ●               | □        | □                    | □         | □                        | ■                          |
| 2.8                                   | Adapter 100  | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.9                                   | SD memory card 8 GB  | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.10                                  | USB memory stick 8 GB                                      | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.11                                  | USB WLAN stick   | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.12                                  | USB Bluetooth adapter                                      | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 2.13                                  | Scanner CC200-SQ   | ●            | ●               | □        | □                    | □         | □                        | -                          |
| <b>Peel-off</b>                       |  |              |                 |          |                      |           |                          |                            |
| 2.14                                  | Present sensor PS800                                       | -            | ●               | □        | □                    | □         | -                        | -                          |
| 2.15                                  | Present sensor PS900                                       | -            | ●               | □        | □                    | □         | □                        | -                          |
| 2.16                                  | Present sensor PS1000 MP                                   | -            | ●               | -        | -                    | -         | □                        | -                          |
| 2.17                                  | Extended peel-off plate DP410                              | -            | ●               | □        | □                    | □         | □                        | -                          |
| 2.18                                  | Reflective product sensor                                  | -            | ●               | □        | □                    | □         | □                        | -                          |
| <b>Interfaces, switches</b>           |  |              |                 |          |                      |           |                          |                            |
| 3.1                                   | Digital I/O interface                                      | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 3.2                                   | I/O interface plug, SUB-D, 25 pins                         | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 3.3                                   | Label selection - I/O box                                  | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 3.4                                   | Hand switch TR2  | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 3.5                                   | Foot switch  | ●            | ●               | □        | □                    | □         | □                        | □                          |
| <b>Connecting cable</b>               |  |              |                 |          |                      |           |                          |                            |
| 4.1                                   | Connecting RS232-C cable, length 3 m                       | ●            | ●               | □        | □                    | □         | □                        | □                          |
| <b>Cutting, perforation, stacking</b> |  |              |                 |          |                      |           |                          |                            |
| 5.1                                   | Cutter CU200, CU400, CU600<br>tray included                | ●            | ○               | □        | □                    | □         | □                        | □                          |
|                                       |  | ●            | ○               | -        | □                    | -         | □                        | -                          |
| 5.2                                   | Perforation cutters PCU400/2,5, PCU400/10                  | ●            | ○               | -        | □                    | -         | □                        | □                          |
| 5.3                                   | Stacker ST400 M<br>providing a cutter and a base frame     | ●            | ○               | -        | -                    | -         | □                        | □                          |
| 5.4                                   | Cutter CSQ 400   | ●            | -               | -        | ■ or □               | -         | ■ or □                   | -                          |
| <b>Rewinding, unwinding</b>           |  |              |                 |          |                      |           |                          |                            |
| 6.1                                   | Guide plates RG200, RG400                                  | -            | ●               | □        | □                    | -         | □                        | -                          |
| 6.3                                   | External rewinders ER1/210, ER2/210 <sup>1)</sup>          | ●            | ○               | -        | □                    | □         | ○                        | -                          |
| 6.5                                   | External rewinders ER4/300, ER6/300                        | ●            | ○               | -        | □                    | □         | ○                        | -                          |
| 6.6                                   | External unwinders EU4/300, EU6/300                        | ●            | ○               | -        | □                    | □         | □                        | □                          |
| 6.7                                   | Kit to adapt a rewinder and/or unwinder                    | ●            | ○               | -        | □                    | □         | □                        | □                          |
| <b>Applicators, demand modules</b>    |  |              |                 |          |                      |           |                          |                            |
| 7.1-7.5                               | Applicators S1000-220, -300, -400                          | -            | ●               | □        | □                    | □         | □                        | -                          |
| 7.6-7.8                               | Applicator S3200   | -            | ●               | □        | □                    | -         | □                        | -                          |
| 7.9                                   | Demand modules S5104, S5106                                | -            | ●               | -        | □                    | □         | -                        | -                          |
| 7.10                                  | All-around labeler   | -            | ●               | □        | □                    | -         | □                        | -                          |
| 7.11                                  | Tube applicator AXON 2                                     | -            | ●               | -        | -                    | -         | □                        | -                          |
| <b>Assembly aids</b>                  |  |              |                 |          |                      |           |                          |                            |
| 8.1                                   | Mounting plate   | -            | ●               | □        | □                    | -         | □                        | -                          |
| 8.2                                   | Profiles 40, 80, 120 mm                                    | -            | ●               | □        | □                    | -         | □                        | -                          |
| 8.3                                   | Base plate 500 x 255 mm                                    | -            | ●               | □        | □                    | -         | □                        | -                          |
| 8.4                                   | Floor stand 1600   | -            | ●               | □        | □                    | □         | □                        | -                          |
| 8.5                                   | Printer retainer   | -            | ●               | □        | □                    | □         | □                        | -                          |
| <b>Special covers</b>                 |  |              |                 |          |                      |           |                          |                            |
| 9.1                                   | providing an ESD surface                                   | ●            | ●               | □        | □                    | □         | □                        | □                          |
| 9.2                                   | for use in food applications                               | ●            | ●               | □        | □                    | □         | □                        | □                          |
| <b>Protective chassis</b>             |  |              |                 |          |                      |           |                          |                            |
| 9.3                                   | Stainless steel chassis<br>to protect in food applications | ●            | ●               | -        | □                    | □         | □                        | -                          |
| 9.4                                   | Chassis to protect from dust                               | ●            | ●               | -        | □                    | □         | □                        | -                          |
|                                       | Chassis to protect in cleanroom applications               | ●            | ●               | -        | □                    | □         | □                        | -                          |

<sup>1)</sup> designed for the A+ printer series, adapted to SQUIX; supplied until external rewinders ER20x will be available

# Accessories

|   |   |   |  |
|---|---|---|--|
| <p>2.4</p>     | <p><b>Print roller DR4-M25</b><br/>to process liners and continuous materials up to 25 mm wide</p> <p><b>Print roller DR4-M50</b><br/>to process liners and continuous materials up to 50 mm wide</p> <p><b>Print roller DR4-M80</b><br/>to process liner and continuous materials up to 80 mm wide</p> <p>Synthetic rubber coating for highly accurate print images</p>  | <p>2.14</p>    | <p><b>Present sensor PS800</b><br/>for use with materials guided left-aligned</p> <p>Labels in peel-off position are detected. After a label has been removed, the next one is printed automatically.</p> <p>Label widths from 16 mm<br/>Label heights from 6 mm<br/>7 mm distant from locating edge</p>   |
| <p>2.5</p>     | <p><b>Print roller DRS4</b><br/>to process materials up to 120 mm wide</p> <p>Silicone coating for extra long service life at a higher print image tolerance</p>  | <p>2.15</p>   | <p><b>Present sensor PS900</b><br/>for use with materials guided left-aligned or centered</p> <p>The moveable sensor in particular qualifies for detecting small or customized labels. After a label has been removed, the next one is printed automatically.</p> <p>Label widths from 4 mm<br/>Label heights from 6 mm<br/>Left-aligned: 12 - 60 mm distant from locating edge<br/>centered: position ibid.</p> |
| <p>2.6</p>     | <p><b>External operation panel</b><br/>If the operation panel on a printer cannot be accessed after installation, an additional external one can be plugged.</p> <p><b>Connecting USB cable</b>, length 1.8 m</p> <p><b>Connecting USB cable</b>, length 3 m</p> <p><b>Connecting USB cable</b>, length 5 m</p> <p><b>Connecting USB cable</b>, length 11 m</p> <p><b>Connecting USB cable</b>, length 16 m</p> | <p>2.16</p>   | <p><b>Present sensor PS1000 MP</b><br/>for use with materials guided centered</p> <p>Labels in peel-off position are detected. After a label has been removed, the next one is printed automatically.</p> <p>Label widths from 4 mm<br/>Label heights from 6 mm<br/>centered position</p>  |
| <p>2.7</p>   | <p><b>Antistatic brush</b><br/>to dissipate electrostatic charge after printing, in particular if plastic materials are in use</p>  | <p>2.17</p>  | <p><b>Extended peel-off plate DP410</b><br/>to process labels that hardly separate from their liner due to a strong adhesive or very thick liner material. Use only if printing on demand has been triggered by the touch of a button or by a control signal. A present sensor cannot be used.</p>   |
| <p>2.8</p>   | <p><b>Adapter 100</b><br/>to process label rolls having a core diameter of 100 mm and outside diameters succeeding 180 mm</p>   | <p>2.18</p>  | <p><b>Reflective product sensor</b><br/>to detect products automatically on a conveyor</p>   |
| <p>2.9</p>   | <p><b>SD memory card</b> 8 GB</p>   | <p>3.1</p>   | <p><b>Digital I/O interface</b><br/>Labeling is triggered by a PLC, a sensor or with the help of a hand switch. Status and error reports are displayed. A standard on peel-off devices, an option for basic devices</p>  |
| <p>2.10</p>  | <p><b>USB memory stick</b> 8 GB</p>   | <p>3.2</p>  | <p><b>I/O interface plug</b>, SUB-D, 25 pins<br/>Clamping screws are provided to plug all the control signals to the I/O interface.</p>  |
| <p>2.11</p>  | <p><b>USB WLAN stick</b><br/>2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac</p> <p>A rod antenna provides extended ranges in infrastructure mode.</p>   | <p>3.3</p>   | <p><b>Label selection - I/O box</b><br/>16 labels per box can be selected from a memory card by a superior control unit such as a PLC. Two boxes may be plugged. Using an I/O box, four inputs and outputs suffice to implement simple PLC processes via abc programming.</p>  |
| <p>2.12</p>  | <p><b>USB Bluetooth adapter</b></p>   | <p>3.4</p>   | <p><b>Hand switch TR2</b><br/>to plug to the digital I/O interface</p>   |
|   |   | <p>3.5</p>   | <p><b>Foot switch</b><br/>to plug to the digital I/O interface</p>   |
|   |   | <p>4.1</p>  | <p><b>Connecting RS232-C cable</b><br/>9/9 pins, length 3 m</p>  |

# Cutting, verification, tube labeling

5.4

**NEW**



**Cutter CSQ 400** provided for all basic SQUIX 4 devices

▾ Assembled to a printer (see delivery program Pos. 1.12) or accessory on delivery.

Paper labels, self-adhesive labels, cardboard and plastic materials, as well as shrink tubes can be cut. By pivoting the cutter, materials can be accessed to be removed. Label heights can be set on the tray.

By keeping in memory the number of cuts, wear can be controlled. Cutting a million or more times, provided that applications are typical

| Cutter   | CSQ 401  | CSQ 402 |
|--|--|---------|
| To be used with  | <b>SQUIX 4.3, SQUIX 4.3M, SQUIX 4, SQUIX 4M</b>                                  |         |
| Material Width   | up to mm   | 120     |
| Weight of cardboard                                    | gr/m <sup>2</sup>  | 200     |
| Thickness  | mm   | 1.1     |
| Cut length   | from mm  | 10      |
| Material passage                                       | up to mm   | 2.5     |
| Cycle performance with material 1 mm high, no backfeed | cuts/min   | 120     |
|  |  | 200     |
| Tray to collect material lengths up to mm              | 100  | 100     |
| Controls   | cutter has not reached final position, cutter pivoted, cover removed from cutter |         |

2.13

**NEW**



**Scanner CC200-SQ** to detect linear barcodes and 2D codes

A camera checks a barcode printed on a label in horizontal or vertical direction in terms of legibility or content. In the case of a bad encoding, printing stops and the label is removed.

The scanner operates in tear-off mode and peel-off mode.

For further information see assembly instructions: [www.cab.de/en/cc200](http://www.cab.de/en/cc200)

| Scanner                       | CC200-SQ  |
|-------------------------------|---|
| To be used with               | <b>all SQUIX printers</b>                                     |
| Scan distance                 | mm  |
|                               | 45 - 150  |
| Scan angle                    | °   |
|                               | -15 to +15  |
| Number of barcodes on a label | 1   |
| Controls                      | GOODBAD   |
|                               | VERIFY  |
|                               | legibility  |
|                               | results in terms of legibility are compared with initial data |

7.11

**NEW**



**Tube applicator AXON 2**

to label tubes of diameters 10 to 17 mm

Tubes may be inserted and removed by hand or automatically by a gripper. They may also be ejected to a tray.

For information on the tube labeling system see [www.cab.de/en/print-apply](http://www.cab.de/en/print-apply)

| Tube applicator      | AXON 2  |
|----------------------|---|
| To be used with      | <b>SQUIX 4.3 MP, SQUIX 4 MP</b>                       |
| Tubes Diameter       | mm  |
|                      | 10 - 17   |
| Length including cap | mm  |
|                      | 38 - 105  |
| Conicity             | up to %   |
|                      | 0.8   |
| Labels Materials     | paper, plastics such as PP, PC                        |
| Width                | mm  |
|                      | 10 - 56   |
| Height               | from mm   |
|                      | 15  |
| Liner Width          | up to mm  |
|                      | 60  |
| Controls             | applicator pivoted, tube missing, wrong tube diameter |

# Cutting, perforation, stacking

5.1



### Cutters CU

to cut paper labels, self-adhesive labels, cardboard, textile and plastic materials, as well as shrink tubes.

**Tray** to collect a maximum of approx. 50 labels

| Cutter            |                     |   | CU200                                 | CU400                              |  | CU600            |
|-------------------|---------------------|---|---------------------------------------|------------------------------------|--|------------------|
| To be used with   |                     |   | <b>SQUIX 2</b>                        | <b>SQUIX 4.3</b><br><b>SQUIX 4</b> | <b>SQUIX 4.3 M</b><br><b>SQUIX 4 M</b><br><b>SQUIX 4.3 MT</b><br><b>SQUIX 4 MT</b> | <b>SQUIX 6.3</b> |
| Material          | Width               | up to mm                                      | 67                                    | 120                                | 114  | 180              |
|                   | Weight of cardboard | gr/m <sup>2</sup>                             | 60 - 300                              |                                    |  |                  |
|                   | Thickness           | mm  | 0.05 - 1.1                            |                                    |  |                  |
| Cut length        |                     | from mm                                       | 5                                     |                                    |  |                  |
| Material passage  |                     | up to mm                                      | 2.5                                   |                                    |  |                  |
| Cycle performance |                     | cuts/min with material 1 mm high, no backfeed | 100                                   |                                    |  |                  |
| Stop printing if  |                     |   | cutter has not reached final position |                                    |  |                  |
| <b>Tray</b>       |                     |   |                                       |                                    |  |                  |
| Label height      |                     | up to mm                                      | -                                     | 100                                |  | -                |

5.2



### Perforation cutters PCU400

perforate continuous materials such as textile tapes or shrink tubes to simplify separation by hand. Cutting the material is also possible.

| Perforation cutter |                     |   | PCU400/2,5  | PCU400/10 |
|--------------------|---------------------|---|---|-----------|
| To be used with    |                     |   | <b>SQUIX 4.3, SQUIX 4, SQUIX 4.3 M, SQUIX 4 M, SQUIX 4.3 MT, SQUIX 4 MT</b> |           |
| Perforation        | Web spacing         | mm  | 2.5   | 10        |
|                    | Web width           | mm  | 0.5   |           |
| Material           | Width               | up to mm                                      | 85  |           |
|                    | Weight of cardboard | gr/m <sup>2</sup>                             | 60 - 300  |           |
|                    | Thickness           | mm  | 0.05 - 1.1  |           |
| Cut length         |                     | from mm                                       | 5   |           |
| Material passage   |                     | from mm                                       | 2.5   |           |
| Cycle performance  |                     | cuts/min with material 1 mm high, no backfeed | 100   |           |
| Stop printing if   |                     |   | cutter has not reached final position                                       |           |

5.3



### Stacker ST400 M providing a cutter

- Printed materials are cut and collected. As soon as stacking has reached its maximum height, printing interrupts. Limitations may occur with stiff or curved materials. We recommend to have such applications tested by cab.
- Devices can be set anywhere on a table with the help of a base frame.

| Stacker providing a cutter |                     |   | ST400 M   |
|----------------------------|---------------------|---|---|
| To be used with            |                     |   | <b>SQUIX 4.3 M, SQUIX 4 M</b><br><b>SQUIX 4.3 MT, SQUIX 4 MT</b>  |
| Material                   | Width               | mm  | 20 - 100  |
|                            | Weight of cardboard | gr/m <sup>2</sup>                             | 60 - 300  |
|                            | Thickness           | mm  | 0.05 - 0.8  |
| Cut length                 |                     | mm  | 20 - 150  |
| Material passage           |                     | up to mm                                      | 1.2   |
| Cycle performance          |                     | cuts/min with material 1 mm high, no backfeed | 100   |
| Stop printing if           |                     |   | cutter has not reached final position, paper jam, stacker cover open, stacking has reached maximum height |
| Stacking height            |                     | up to mm                                      | 100   |



### Support table - label W x H

The table and the protective cover adapt to the label size. To be requested individually



# Rewinding, unwinding with or without the use of a cardboard core

6.1



**Guide plates RG** enable labels to be rewound internally on peel-off printers. The peel-off plate is therefore replaced by a guide plate.

| Guide plate   |                                   | RG200            | RG400                                  |  |     |
|---|-----------------------------------|------------------|--|--|-----|
|  | To be used with                   | <b>SQUIX 2 P</b> | <b>SQUIX 4.3 P</b><br><b>SQUIX 4 P</b> | <b>SQUIX 4.3 MP</b><br><b>SQUIX 4 MP</b> |     |
|   | Material width                    | up to mm         | 67                                     | 120                                      | 114 |
|   | Roll diameter                     | up to mm         | 142                                    |  |     |
|   | Tightening axle core diameters of | mm               | 38.1 - 40                              |  |     |
|   | Winding                           |                  | outside                                |  |     |

6.3



**External rewinders ER1, ER2** to plug directly to a printer using screws. They pick up materials wound either on the outside or on the inside. An electronic swing arm keeps winding consistent and tight.

| External rewinder                 |          | ER1/210  | ER2/210          |
|-----------------------------------|----------|--|------------------|
| To be used with                   |          | <b>SQUIX 4.3, SQUIX 4</b><br><b>SQUIX 4.3 M, SQUIX 4 M</b> | <b>SQUIX 6.3</b> |
| Material width                    | up to mm | 120  | 180              |
| Roll diameter                     | up to mm | 205  |                  |
| Tightening axle core diameters of | mm       | 76   |                  |
| Winding                           |          | outside or inside  |                  |

6.5



**External rewinders ER4, ER6** providing a built-in power supply unit. They operate also with printers other than cab. They pick up materials wound either on the outside or on the inside. An electronic swing arm keeps winding consistent and tight.

| External rewinder                 |          | ER4/300  | ER6/300          |
|-----------------------------------|----------|--|------------------|
| To be used with                   |          | <b>SQUIX 4.3, SQUIX 4</b><br><b>SQUIX 4.3 M, SQUIX 4 M</b> | <b>SQUIX 6.3</b> |
| Material width                    | up to mm | 120  | 180              |
| Roll diameter                     | up to mm | 300  |                  |
| Tightening axle core diameters of | mm       | 76   |                  |
| Winding                           |          | outside or inside  |                  |

**Kit to adapt**  
 ER4, ER6 to a SQUIX printer  
 ER4, ER6 and EU4, EU6 to a SQUIX printer

6.6

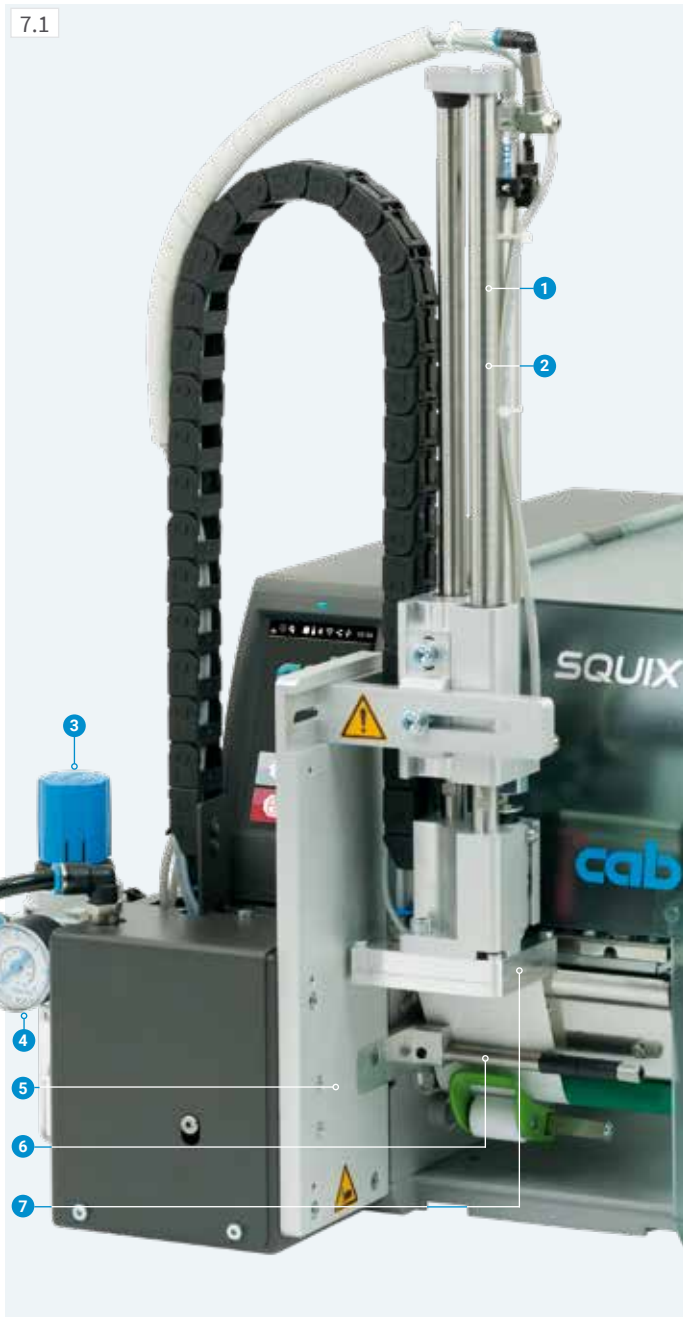


**External unwinders EU** enable labels to be fed consistent even if rolls are heavy. They pick up materials wound either on the outside or on the inside.

| External unwinder |                     | EU4/300                            | EU6/300  |                  |
|-------------------|---------------------|------------------------------------|--|------------------|
| To be used with   |                     | <b>SQUIX 4.3</b><br><b>SQUIX 4</b> | <b>SQUIX 4.3 M</b><br><b>SQUIX 4 M</b><br><b>SQUIX 4.3 MT</b><br><b>SQUIX 4 MT</b> | <b>SQUIX 6.3</b> |
| Material width    | up to mm            | 120                                | 114  | 180              |
| Roll diameter     | up to mm            | 300                                |  |                  |
| Core diameter     | up to mm            | 38.1                               |  |                  |
|                   | adapter included mm | 76                                 |  |                  |
| Winding           |                     | outside or inside                  |  |                  |

**Kit to adapt**  
 EU4, EU6 to a SQUIX printer  
 ER4, ER6 and EU4, EU6 to a SQUIX printer

# Applicator S1000



## Labeling in real time

A S1000 assembled to a SQUIX peel-off printer provides a cost-effective solution if operated semi-automatically or integrated in vertical orientation in production lines. A stroke cylinder applies the labels to products.

- 1 **Long service life**  
The ball bearing guide bars are low-wear.
- 2 **Products of different heights**  
can be labeled by means of a stroke cylinder. Various stroke lengths are provided.
- 3 **Compressed air regulation unit**  
Micro filters prevent from contamination. Regulating the pressure ensures a permanent good labeling quality.
- 4 **Highly-reliable processes**  
The supporting air, intake air and stroke speed may be adapted. If sensitive products and packagings are in use, the pressing force can be reduced to less than 10N (1 kg). To prevent intake ducts from contamination, they get purged after any labeling.
- 5 **Label sizes**  
Labels 25 to 176 mm wide and 25 to 200 mm high can be applied.
- 6 **Supporting air**  
to blow labels onto a pad
- 7 **Pad**  
Labels are transferred to a pad and held there by vacuum. They move towards a product by means of a stroke cylinder.

## Pre-dispense button

to verify a labeling process. By pushing the button once, a label is printed and transferred to the applicator. By pushing the button once more, labeling is triggered.

| Applicator                  |                                  | S1000-220  | S1000-300 | S1000-400 |
|-----------------------------|----------------------------------|--|-----------|-----------|
| To be used with             |                                  | SQUIX 2, SQUIX 4.3, SQUIX 4<br>SQUIX 4.3 M, SQUIX 4 M, SQUIX 6.3 |           |           |
| Cylinder stroke             | mm                               | 220  | 300       | 400       |
| Pad stroke below the device | mm                               | 64   | 144       | 244       |
| Compressed air              | bar                              | 4.5  |           |           |
| Cycle rate                  | labels/min approx. <sup>1)</sup> | 25   |           |           |

<sup>1)</sup> calculated at a stroke of 100 mm below the device, with labels 100 mm high, at a print speed of 100 mm/s

# Accessories



## Universal pads

Drilled intake holes are arranged in a grid and covered by foil, to be pierced according to the size of a label.

| Universal pad                      |    | A1021   |                      | A1021                |
|------------------------------------|----|---------|----------------------|----------------------|
| To be used with                    |    | SQUIX 2 | SQUIX 4.3<br>SQUIX 4 | SQUIX 4.3<br>SQUIX 4 |
| Label width                        | mm | 25 - 63 | 25 - 70              | 25 - 90              |
| Label height                       | mm | 25 - 60 |                      | 25 - 90              |
| Product surface                    |    | flat    |                      |                      |
| Product height                     |    | various |                      |                      |
| State of a product during labeling |    | at rest |                      |                      |

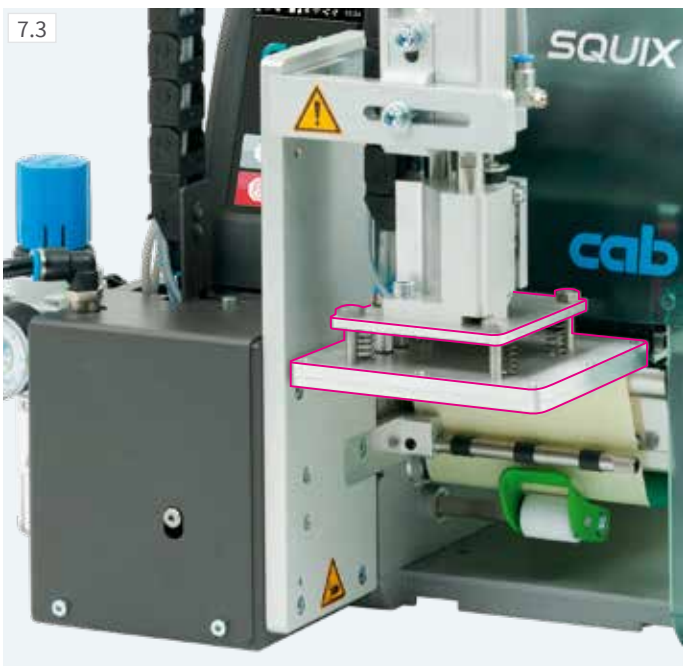
# Applicator S1000 accessories



## Tamp pads

are manufactured according to the size of a label.

| Tamp pad                           |    | A1021          |                                    |                  |
|------------------------------------|----|----------------|------------------------------------|------------------|
| To be used with                    |    | <b>SQUIX 2</b> | <b>SQUIX 4.3</b><br><b>SQUIX 4</b> | <b>SQUIX 6.3</b> |
| Label width                        | mm | 25 - 63        | 25 - 116                           | 50 - 176         |
| Label height                       | mm | 25 - 200       |                                    |                  |
| Product surface                    |    | flat           |                                    |                  |
| Product height                     |    | various        |                                    |                  |
| State of a product during labeling |    | at rest        |                                    |                  |



## Universal pads, spring-mounted

Pitch of spring enables labels to apply even on inclined surfaces. Drilled intake holes are arranged in a grid and covered by foil, to be pierced according to the size of a label.

| Universal pad                      |    | A1321               | A1321               |
|------------------------------------|----|---------------------|---------------------|
| To be used with                    |    | <b>SQUIX 4.3, 4</b> | <b>SQUIX 4.3, 4</b> |
| Label width                        | mm | 25 - 116            | 25 - 116            |
| Label height                       | mm | 25 - 102            | 25 - 152            |
| Product surface                    |    | flat                |                     |
| Product height                     |    | various             |                     |
| State of a product during labeling |    | at rest             |                     |

## Tamp pads, spring-mounted

Pitch of spring enables labels to apply even on inclined surfaces. Manufacture according to the size of a label

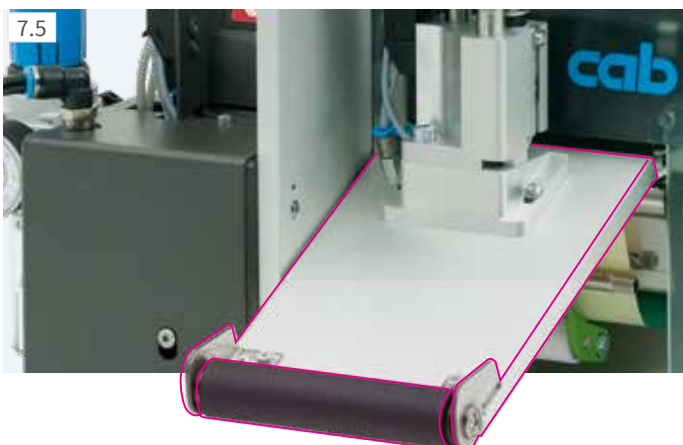
| Tamp pad                           |    | A1321               |                  |
|------------------------------------|----|---------------------|------------------|
| To be used with                    |    | <b>SQUIX 4.3, 4</b> | <b>SQUIX 6.3</b> |
| Label width                        | mm | 25 - 116            | 50 - 176         |
| Label height                       | mm | 25 - 200            |                  |
| Product surface                    |    | flat                |                  |
| Product height                     |    | various             |                  |
| State of a product during labeling |    | at rest             |                  |



## Blow pads

to apply labels on products sensitive to pressure. A pad moves to a height fixed approx. 10 mm above a product to trigger labeling.

| Blow pad                           |    | A2021                |                     |                     |
|------------------------------------|----|----------------------|---------------------|---------------------|
| To be used with                    |    | <b>SQUIX 2</b>       | <b>SQUIX 4.3, 4</b> | <b>SQUIX 6.3</b>    |
| Label width                        | mm | 25 - 63              | 25 - 116            | provided on request |
| Label height                       | mm | 25 - 100             |                     |                     |
| Product surface                    |    | flat                 |                     |                     |
| Product height                     |    | fixed                |                     |                     |
| State of a product during labeling |    | at rest or in motion |                     |                     |



## Roll-on pads

Labels are fed to the roller of a pad during printing. The pad then moves to the product. Labels are picked up by the product in motion and rolled on.

| Roll-on pad                        |    | A1411               |                  |
|------------------------------------|----|---------------------|------------------|
| To be used with                    |    | <b>SQUIX 4.3, 4</b> | <b>SQUIX 6.3</b> |
| Label width                        | mm | 25 - 116            | 50 - 176         |
| Label height                       | mm | 80 - 200            |                  |
| Product surface                    |    | flat                |                  |
| Product height                     |    | various             |                  |
| State of a product during labeling |    | in motion           |                  |

# Applicator S3200

7.6



## Labeling in real time

A S3200 assembled to a SQUIX peel-off printer provides a cost-effective solution if operated semi-automatically or integrated in production lines. Printed labels are applied to products automatically. For this purpose, labels are set 45° to 95° to the horizontal by a rotary cylinder and move towards products by means of a short-stroke cylinder.

In terms of service life, pre-dispense, compressed air regulation, process reliability and supporting air, data correspond to the S1000 applicator (see page 18).

| Applicator                                  | S3200   |     |
|---|---|-----|
| To be used with                             | SQUIX 2, SQUIX 4.3, SQUIX 4, SQUIX 4.3 M, SQUIX 4 M |     |
| Rotary cylinder                             | 45° - 95°   |     |
| Stroke cylinder                             | up to mm  | 30  |
| Immersion depth                             | up to mm  | 5   |
| Compressed air                              | bar   | 4.5 |
| Cycle rate labels/min approx. <sup>1)</sup> | 20  |     |

<sup>1)</sup> calculated with labels 40 mm high, at a print speed of 100 mm/s

## Tamp pads or blow pads

are manufactured according to the size of a label.

| Tamp pad                           | A3200-1100           |              |
|------------------------------------|----------------------|--------------|
| To be used with                    | SQUIX 2              | SQUIX 4.3, 4 |
| Label width                        | mm 4 - 63            | 10 - 116     |
| Label height                       | mm                   | 6 - 80       |
| Product surface                    | flat                 |              |
| State of a product during labeling | at rest              |              |
| Blow pad                           | A3200-2100           |              |
| To be used with                    | SQUIX 2              | SQUIX 4.3, 4 |
| Label width                        | mm 10 - 63           | 10 - 116     |
| Label height                       | mm                   | 10 - 80      |
| Product surface                    | flat                 |              |
| State of a product during labeling | at rest or in motion |              |

# Demand modules

7.9



## Demand modules S5104, S5106

label products in motion on a conveyor. Positions are detected by a product sensor. As soon as peel-off has been triggered, the next label is printed. The speed of a product on the conveyor must adapt to the print speed. A reflective sensor detects positions.

| Demand module                               | S5104                                   | S5106     |
|---|---|-----------|
| To be used with                             | SQUIX 4.3, SQUIX 4                      | SQUIX 6.3 |
| Label width                                 | mm 25 - 116                             | 50 - 176  |
| Label height                                | mm                                      | 25 - 210  |
| Print line distance to the peel-off plate   | mm                                      | 336 - 518 |
| Product surface                             | flat                                    |           |
| Product height                              | fixed                                   |           |
| State of a product during labeling          | in motion, speed adapted to the printer |           |
| Cycle rate labels/min approx. <sup>1)</sup> | 60                                      |           |

<sup>1)</sup> calculated with labels 100 mm high, at a print speed of 100 mm/s

# All-around labeler



### All-around labeler

to label cylindric items on a 360° circumference. Products are laid onto the rollers and labeling is triggered via a hand switch or a foot switch.

Delivery includes a mount, a cable to connect to a SQUIX printer, and a foot switch

| Tamp pad                           | A1021            | M1021                     |
|------------------------------------|------------------|---------------------------|
| To be used with                    | <b>SQUIX 2</b>   | <b>SQUIX 4.3, SQUIX 4</b> |
| Label width mm                     | 25 - 63          | 25 - 116                  |
| Label height mm                    | 25 - 140         |                           |
| Product diameter mm                | 12 - 40          |                           |
| Product surface                    | cylindric        |                           |
| State of a product during labeling | in rotary motion |                           |

# Assembly aids provided for SQUIX label printers



### Mount

to assemble a labeling system and a product retainer

- 1 **Mounting plate**  
to assemble a labeling system
- 2 **Profile**  
aluminum square  
40, 80, 120 mm; further lengths may be provided on request
- 3 **Base plate**  
to assemble a product retainer  
500 x 255 mm standard size



### Floor stand

to enable a printer operate quickly and flexibly in any production line. Positions (i.e. heights, widths) on which products need to be labelled can be set in few steps. Four guide rollers on the carriage provide mobility. To be aligned on site using adjustable feet

| Floor stand                      | 1600            |
|----------------------------------|-----------------|
| Total height mm                  | 1,600           |
| Labeling heights up to mm        | 1,400           |
| Outreach to centre of label mm   | 230 - 500       |
| Carriage dimensions W x H x D mm | 600 x 140 x 860 |



### Printer retainer

to fix and quick-lock a label printer

# Label printers providing special covers or protective chassis

1.10



## Printers providing a conductive ESD surface

available for all printer types

All the parts of a casing are manufactured according to DIN EN 61340-5-1:2016 to protect from electrostatic charge.

Surface resistant according to DIN IEC 60093  $\leq 10^4$  ohm; charge reduces from 1,000 V to 100 V in less than two seconds

The hinged cover with the upper device plate (as a unit) are provided as a spare part.

1.11



## Printers for use in food applications

available for all printer types

Covers are magnetic so that splintered parts can be detected by metal detectors or x-ray inspection systems.

Blue color serves for optical differentiation from food.

The entire casing may be manufactured detectable on request.

The materials manufactured comply with food regulations such as EU Nr. 10/2011 and FDA CFR 21 177.2600.

9.3



## Stainless steel chassis to protect in food applications

available for SQUIX 4 and SQUIX 6 printers

Labels are removed through the front.

The front has to be opened and the printer pulled out on telescopic rails to replace materials. Close the front for steam jet cleaning.

Protection class IP69K according to EN 60529

9.4



## Chassis to protect from dust

available for SQUIX 4 and SQUIX 6 printers

Labels are removed through the front.

The fan with a filter provide overpressure and prevent from dust entering the chassis.

Protection class IP52 according to EN 60529

## Chassis providing a suction nozzle to protect in cleanroom applications

available for SQUIX 4 and SQUIX 6 printers

## Maintenance



### Label sensors

unlock by touch to be pulled out.



### Print heads

require few steps to be replaced.  
In general, no adjustments are needed.

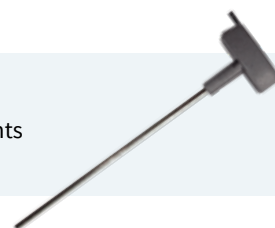


### Print rollers

are quick and easy to remove using a screw.

### ONE tool

is provided ready on a device to replace all the components and assemble periphery.



## Service

Trained cab technicians provide worldwide support in maintenance and repair matters.

Send your printer to a cab service point or a selected service partner. Your device will be checked and repaired within few workdays. If required, a loan unit will bridge the gap.

You prefer maintenance and repair in your company? Then make an appointment with our Service Department: phone **+49 721 6626 300**, email: [service.de@cab.de](mailto:service.de@cab.de)

## Trainings

Refresh your know-how of cab devices as regards efficient operation, service and repair.

Our trainings in Karlsruhe provide information on how to operate a device, label design, software, printer drivers, programming, database access and how to integrate in a network or a superior ERP system. We gladly send you comprehensive data on our current trainings.

**We also offer trainings adapted to your demands - either at our premise in Karlsruhe or in your company.**









# Delivery program of label printers

| Pos. | Part no.  | Label printers with left-aligned material guidance   |
|------|---|--|
| 1.1  | <br><b>5977030</b><br><b>5977031</b>                                       | Label printer SQUIX 2/300<br>Label printer SQUIX 2/600   |
| 1.2  | <br><b>5977032</b><br><b>5977033</b>                                       | Label printer SQUIX 2/300P<br>Label printer SQUIX 2/600P   |
| 1.3  | <br><b>5977014</b><br><b>5977015</b><br><b>5977001</b><br><b>5977002</b>   | Label printer SQUIX 4.3/200<br>Label printer SQUIX 4/300<br>Label printer SQUIX 4/600  |
| 1.4  | <br><b>5977016</b><br><b>5977017</b><br><b>5977004</b><br><b>5977005</b>   | Label printer SQUIX 4.3/200P<br>Label printer SQUIX 4.3/300P<br>Label printer SQUIX 4/300P<br>Label printer SQUIX 4/600P     |
| 1.5  | <br><b>5977034</b><br><b>5977035</b>                                       | Label printer SQUIX 6.3/200<br>Label printer SQUIX 6.3/300   |
| 1.6  | <br><b>5977036</b><br><b>5977037</b>                                     | Label printer SQUIX 6.3/200P<br>Label printer SQUIX 6.3/300P   |
| Pos. | Part no.  | Label printers with centered material guidance   |
| 1.7  | <br><b>5977018</b><br><b>5977019</b><br><b>5977010</b><br><b>5977011</b> | Label printer SQUIX 4.3/200M<br>Label printer SQUIX 4.3/300M<br>Label printer SQUIX 4/300M<br>Label printer SQUIX 4/600M     |
| 1.8  | <br><b>5977022</b><br><b>5977023</b><br><b>5977007</b><br><b>5977008</b> | Label printer SQUIX 4.3/200MP<br>Label printer SQUIX 4.3/300MP<br>Label printer SQUIX 4/300MP<br>Label printer SQUIX 4/600MP |
| 1.9  | <br><b>5977024</b><br><b>5977012</b><br><b>5977025</b>                   | Label printer SQUIX 4.3/300MT<br>Label printer SQUIX 4/300MT<br>Label printer SQUIX 4/600MT                                  |

| Pos. | Part no.  | Optional label printers  |
|------|---|--|
| 1.10 | <br><b>5977xxx.124</b>                       | Printers providing an ESD surface<br>Label printer SQUIX x/xxx-ESD<br>„x“ - device Pos. 1.1-1.5                                    |
| 1.11 | <br><b>5977xxx.122</b>                       | Printers for use in food applications<br>Etikettendrucker SQUIX x/xxx-FOOD<br>„x“ - device Pos. 1.1-1.5                            |
| 1.12 | <br><b>5977xxx.648</b><br><b>5977xxx.649</b> | Printers providing a cutter<br>Label printer SQUIX x/xxx-C1<br>Label printer SQUIX x/xxx-C2<br>„x“ - basic device Pos. 1.3 and 1.7 |

x - user-specific part no. following request

| Scope of delivery   |                |             |           |                |           |             |             |                |            |             |  |             |
|---|----------------|-------------|-----------|----------------|-----------|-------------|-------------|----------------|------------|-------------|--|-------------|
| <p>Label printer<br/>Power cable type E+F, length 1.8 m<br/>Connecting USB cable, length 1.8 m<br/>USB WLAN stick 2.4 GHz 802.11b/g/n<br/>Instructions DE/EN</p> <p><b>DVD:</b></p> <p>Instructions in 30 languages<br/>Configuration manuals DE/EN/FR<br/>Service manuals DE/EN<br/>Spare parts lists DE/EN<br/>Programming manual EN<br/>Windows printer drivers WHQL certified for</p> <table border="0"> <tr> <td>Windows Vista</td> <td>Server 2008</td> </tr> <tr> <td>Windows 7</td> <td>Server 2008 R2</td> </tr> <tr> <td>Windows 8</td> <td>Server 2012</td> </tr> <tr> <td>Windows 8.1</td> <td>Server 2012 R2</td> </tr> <tr> <td>Windows 10</td> <td>Server 2016</td> </tr> <tr> <td></td> <td>Server 2019</td> </tr> </table> <p>Apple Mac OS X printer drivers DE/EN/FR<br/>Linux printer drivers DE/EN/FR<br/>cablabel S3 Lite software<br/>cablabel S3 Viewer<br/>Database Connector</p> | Windows Vista  | Server 2008 | Windows 7 | Server 2008 R2 | Windows 8 | Server 2012 | Windows 8.1 | Server 2012 R2 | Windows 10 | Server 2016 |  | Server 2019 |
| Windows Vista   | Server 2008    |             |           |                |           |             |             |                |            |             |  |             |
| Windows 7   | Server 2008 R2 |             |           |                |           |             |             |                |            |             |  |             |
| Windows 8   | Server 2012    |             |           |                |           |             |             |                |            |             |  |             |
| Windows 8.1   | Server 2012 R2 |             |           |                |           |             |             |                |            |             |  |             |
| Windows 10  | Server 2016    |             |           |                |           |             |             |                |            |             |  |             |
|   | Server 2019    |             |           |                |           |             |             |                |            |             |  |             |

| Pos. | Part no.   | Wear parts   |
|------|--|--|
| 2.1  | <br><b>5977384.001</b><br><b>5977385.001</b>                       | Print head 2/300<br>Print head 2/600                     |
|      | <br><b>5977382.001</b><br><b>5977383.001</b>                       | Print head 4.3/200<br>Print head 4.3/300                 |
|      | <br><b>5977444.001</b><br><b>5977380.001</b>                       | Print head 4/300<br>Print head 4/600                     |
|      | <br><b>5977386.001</b><br><b>5977387.001</b>                       | Print head 6.3/200<br>Print head 6.3/300                 |
| 2.2  | <br><b>5954102.001</b><br><b>5954180.001</b><br><b>5954245.001</b> | Print roller DR2<br>Print roller DR4<br>Print roller DR6 |
| 2.3  | <br><b>5954104.001</b><br><b>5954183.001</b><br><b>5954246.001</b> | Guide roller RR2<br>Guide roller RR4<br>Guide roller RR6 |



# Delivery program of accessories

| Pos.   | Part no.   |   | Pos.  | Part no.  | Interfaces, switches  |
|--|--|---|---|---|---|
| 2.4  |  <b>5953700.001</b>                                   | Print roller DR4-M25  | 3.1   |  <b>5977767</b>                                      | Digital I/O interface   |
|  |  <b>5953701.001</b>                                   | Print roller DR4-M50  | 3.2   |  <b>5917651</b>                                      | I/O interface plug, SUB-D, 25 pins                            |
|  |  <b>5953702.001</b>                                   | Print roller DR4-M80  | 3.3   |  <b>5948205</b>                                      | Label selection - I/O box                                     |
| 2.5  |  <b>5954978.001</b>                                   | Print roller DRS2   | 3.4   |  <b>5955710</b>                                     | Hand switch TR2   |
|  |  <b>5954985.001</b>                                   | Print roller DRS4   | 3.5   |  <b>5955711</b>                                     | Foot switch   |
|  |  <b>5954979.001</b>                                   | Print roller DRS6   |   |   |   |
| 2.6  |  <b>6010186</b>                                       | External operation panel  | <b>Pos. Part no. Connecting cable</b>               |   |   |
|  |  <b>5907718</b>                                       | Connecting USB cable, length 1.8 m  | 4.1   |  <b>5550818</b>                                     | Connecting RS232-C cable 9/9 pins, length 3 m                 |
|  |  <b>5907730</b>                                       | Connecting USB cable, length 3 m  |   |   |   |
|  |  <b>5907750</b>                                       | Connecting USB cable, length 5 m  |   |   |   |
|  |  <b>5907760</b>                                       | Connecting USB cable, length 11 m   |   |   |   |
|  <b>5907765</b> | Connecting USB cable, length 16 m  |   |   |   |   |
| 2.7  |  <b>5977797</b>                                       | Antistatic brush 2"   | <b>Pos. Part no. Cutting, perforation, stacking</b> |   |   |
|  |  <b>5977339</b>                                 | Antistatic brush 4" / 6"  | 5.1   |  <b>5979032</b><br><b>5978900</b><br><b>5979033</b> | Cutter CU200<br>Cutter CU400<br>Cutter CU600                  |
| 2.8  |  <b>5959622</b>                                       | Adapter 100   |   |   |   |
| 2.9  |  <b>5977370</b>                                      | SD memory card 8 GB   | 5.2   |  <b>5978901</b><br><b>5978920</b>                 | Perforation cutter PCU400/2,5<br>Perforation cutter PCU400/10 |
| 2.10   |  <b>5977730</b>                                     | USB memory stick 8 GB   |   |   |   |
| 2.11   |  <b>5977731</b>                                     | USB WLAN stick with a rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac                            | 5.3   |  <b>5978902</b>                                    | Stacker ST400 M providing a cutter and a base frame           |
| 2.12   |  <b>5977732</b>                                     | USB Bluetooth adapter   |   |   |   |
| 2.13   |  <b>5977840</b>                                     | Scanner CC200-SQ  | 5.4   |  <b>5984550</b><br><b>5984565</b>                 | Cutter CSQ 401<br>Cutter CSQ 402                              |
| <b>Pos. Part no. Peel-off</b>  |  |   |   |   |   |
| 2.14   |  <b>5977585</b>                                     | Present sensor PS800  | 6.1   |  <b>5979031</b><br><b>5978903</b>                 | Guide plate RG200<br>Guide plate RG400                        |
| 2.15   |  <b>5984482</b><br><b>5977538</b>                   | Present sensor PS 2/900<br>Present sensor PS 4/900  |   |   |   |
| 2.16   |  <b>5977735</b>                                     | Present sensor PS1000 MP  | 6.3   |  <b>5948102.597</b><br><b>5943251.597</b>         | External rewinder ER1/210<br>External rewinder ER2/210        |
| 2.17   |  <b>5977798</b><br><b>5978908</b><br><b>5977799</b> | Extended peel-off plate DP210<br>Extended peel-off plate DP410<br>Extended peel-off plate DP610 |   |   |   |
| 2.18   |  <b>5978909</b>                                     | Reflective product sensor   | 6.5   |  <b>5946090</b><br><b>5946420</b>                 | External rewinder ER4/300<br>External rewinder ER6/300        |
|  |  |   | 6.6   |  <b>5946091</b><br><b>5946421</b>                 | External unwinder EU4/300<br>External unwinder EU6/300        |
|  |  |   | 6.7   |  <b>5978943</b>                                   | Kit to adapt ER4, ER6 and EU4, EU6                            |

# Delivery program of accessories

| Pos. | Part no.   | Applicators, demand modules  |
|------|--|--|
| 7.1  | <b>5976086</b><br><b>5976087</b><br><b>5976088</b>     | Applicator S1000-220<br>Applicator S1000-300<br>Applicator S1000-400                     |
| 7.2  | <b>5949072</b>   | Universal pad A1021 up to 70 x 60  |
|      | <b>5949075</b>   | Universal pad A1021 up to 90 x 90  |
|      | xxxxxxx  | Tamp pad A1021 W x H   |
| 7.3  | <b>5949076</b>   | Universal pad A1321 up to 116 x 102  |
|      | <b>5949077</b>   | Universal pad A1321 up to 116 x 152  |
|      | xxxxxxx  | Tamp pad A1321 W x H   |
| 7.4  | xxxxxxx  | Blow pad A2021 W x H   |
| 7.5  | xxxxxxx  | Roll-on pad A1411 W x H  |
| 7.6  | <b>5976085</b>   | Applicator S3200   |
| 7.7  | xxxxxxx  | Tamp pad A3200-1100 W x H  |
| 7.8  | xxxxxxx  | Blow pad A3200-2100 W x H  |
| 7.9  | <b>5976083</b><br><b>5979035</b>                       | Demand module S5104<br>Demand module S5106   |
| 7.10 | <b>5976084</b>   | All-around labeler   |
|      | <b>5979089</b><br><b>5550999</b><br><b>8930933.001</b> | Mount<br>Cable to connect to a SQUIX printer<br>Foot switch                              |
|      | <b>5979509</b>   | Tube applicator AXON 2<br>providing a TRV transport roller<br>a tray<br>a peel-off plate |
| 7.11 |  |  |

| Pos.           | Part no.   | Assembly aids  |
|----------------|--|--|
| 8.1            | <b>5979036</b><br><b>5978910</b><br><b>5978923</b>             | Mounting plate SQUIX 2<br>Mounting plate SQUIX 4<br>Mounting plate SQUIX 6   |
| 8.2            | <b>5958365</b><br><b>5965929</b><br><b>5971136</b>             | Profile 40<br>Profile 80<br>Profile 120<br>further lengths provided on request                                     |
| 8.3            | <b>5961203</b>   | Base plate 500 x 255   |
| 8.4            | <b>5947400</b>   | Floor stand 1600   |
| 8.5            | <b>5979037</b><br><b>5978922</b><br><b>5979038</b>             | Printer retainer SQUIX 2<br>Printer retainer SQUIX 4<br>Printer retainer SQUIX 6                                   |
| Pos.           | Part no.   | Special covers   |
| 9.1            | <b>5977771.001</b><br><b>5977763.001</b><br><b>5977772.001</b> | Hinged cover SQUIX 2-ESD<br>Hinged cover SQUIX 4-ESD<br>Hinged cover SQUIX 6-ESD                                   |
| 9.2            | <b>5977773.001</b><br><b>5977764.001</b><br><b>5977774.001</b> | Hinged cover SQUIX 2-FOOD<br>Hinged cover SQUIX 4-FOOD<br>Hinged cover SQUIX 6-FOOD                                |
| Pos.           | Part no.   | Protective chassis   |
| 9.3            | <b>5979071</b><br><b>5979305</b>                               | Stainless steel chassis SQUIX 4<br>Stainless steel chassis SQUIX 6   |
| 9.4            | <b>5979080</b>   | Chassis SQUIX 4 220 V<br>to protect from dust  |
|                | <b>5979300</b>   | Chassis SQUIX 6 220 V<br>to protect from dust  |
|                | <b>5979080.126</b><br><b>5979300.126</b>                       | Chassis SQUIX 4<br>to protect in cleanroom applications<br>Chassis SQUIX 6<br>to protect in cleanroom applications |
| Pos.           | Part no.   | Label software   |
| 11.7           | Bundle   | cablabel S3 Lite<br>(download on cab.de/en)  |
|                | <b>5588001</b>   | cablabel S3 Pro 1 WS   |
|                | <b>5588100</b>   | cablabel S3 Pro 5 WS   |
|                | <b>5588101</b>   | cablabel S3 Pro 10 WS  |
|                | <b>5588150</b>   | cablabel S3 Pro 1 additional licence   |
|                | <b>5588151</b>   | cablabel S3 Pro 4 additional licences  |
|                | <b>5588152</b>   | cablabel S3 Pro 9 additional licences  |
|                | <b>5588002</b>   | cablabel S3 Print 1 WS   |
|                | <b>5588105</b>   | cablabel S3 Print 5 WS   |
|                | <b>5588106</b>   | cablabel S3 Print 10 WS  |
| <b>5588155</b> | cablabel S3 Print 1 additional licence                         |  |
| <b>5588156</b> | cablabel S3 Print 4 additional licences                        |  |
| <b>5588157</b> | cablabel S3 Print 9 additional licences                        |  |
|                | in preparation   | cablabel S3 Print Server   |
| 11.10          | <b>9009950</b>   | Programming manual EN,<br>printed copy   |

# cab product overview

Label printers  
**MACH1, MACH2**



Label printers  
**EOS 2**



Label printers  
**EOS 5**



Label printers  
**MACH 4S**



Label printers  
**SQUIX 2**



Label printers  
**SQUIX 4**



Label printers  
**SQUIX 6.3**



Label printer  
**A8+**



Label printer  
**XD4T**



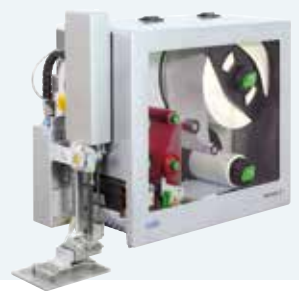
Label printers  
**XC**



Print and apply systems  
**HERMES Q**



Print and apply systems  
**Hermes C**



Tube labeling systems  
**AXON**



Print modules  
**PX Q**



Labels and ribbons



Label software  
**cablabel S3**



Label dispensers  
**HS, VS**



Labeling heads  
**IXOR**



Marking lasers  
**XENO 4**



Laser marking systems



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**cab Produkttechnik GmbH & Co KG**  
Karlsruhe  
Phone +49 721 6626 0  
[www.cab.de](http://www.cab.de)

France  
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Niedermodern  
Phone +33 388 722501  
[www.cab.de/fr](http://www.cab.de/fr)

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Phone +1 978 250 8321  
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