Status: 09/2019

Products need labeling

Label printers for industrial applications

SQUIX
Made in Germany

Contents

Information is also
available on the Internet:
www.cab.de/en/squix

SQUIX

Label printers for industrial applications

The professional **SQUIX** label printers are the further development of the successful A+ printer series. They fit with a wide range of industrial applications. They have been developed with focus on easy and convenient operation and high reliability.

The print mechanics and the chassis are made of high-quality materials and perfectly match in terms of shape and function. A large number of peripherals and software enable customer-specific solutions.

Whether they are operated in stand-alone mode, in a PC application or within a network - the rugged SQUIX printers are always up to the mark. The high-speed processor ensures fast job processing and immediately provides the required label.

- innovative technology
- easy operation
- accurate imprint
- reliable and fast printing
- compact, appealing design
- highest quality standards

Sample applications:

PCB labels
When only little space is available – smallest label size 4 x 3 mm

Type plates
Pin sharp fonts, graphics and barcodes up to 600 dpi

Cardboard box and pallet labels
up to A5 size

Industrial printers

Material guide
left-aligned

1.1 **The slim one**
for small labels when little footprint is available

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

1.2 **The universal one**
The best-selling industrial device with 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

1.3 **The wide one**
for Odette and UCC labels in applications in logistics

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 versions

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

Peel-off versions P

In addition to the basic version the labels can also be dispensed. The label is separated from the carrier material after the printing. It can be removed manually or by an applicator. Delivery includes digital I/O interface

The extra wide one
for pallet and 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

Details

Label printer
SQUIX 4 P

1 Hinged cover
The two-part cover made of impact-proof plastics folds when it is opened. Therefore, only little footprint is needed. The large panoramic window enables to check the material consumption and to track the full printing process.

2 Plungers
One plunger is fixed at the inner side. The second one is adjusted that far to the edge of the label until a good print image is ensured.

3 Rugged metal chassis
made of cast aluminum; basis to assemble all components

4 Print rollers' coating
Synthetic rubber is standard for accurate imprint; silicone is available as an option for an extra long service life at a higher imprint tolerance

5 Peel-off function
Via the peel-off plate, the label is separated from the carrier material. Accurate imprint and dispense are achieved with the powered rewind assist roller and the pinch roller.

6 Periphery connection
Additional modules are easy to connect. All peripheral devices are plugged to the printer with two pins and fixed with a screw.

7 Ribbon holder
Fast and easy exchange of the ribbon is enabled with the three-part tightening axles.

8 Roll holder
The spring-mounted margin stop with a screw cap enables constant tension during material feed and therefore improves accurate imprint. If rolls with 100 mm core diameter are processed, an adapter is recommended.

9 Internal rewinder
Peel-off versions allow to rewind labels or carrier materials with or without a cardboard core. The three-part tightening axle provides easy material handling.

10 Rocker
When printing is started, the spring-mounted rocker with pulleys made of Teflon dampens the tension and therefore improves accurate imprint.

11 Material guide
It is mounted on the rocker. The stop is adjusted to the edge of the label with the rotary knob.

Label printers M series

Material guide
centered

Basic version

Peel-off version P

1.4 **The accurate and versatile one**
for printing on all materials that are wound on rolls or reels or fanfold - especially very small labels or slim continuous materials such as pressed shrink tubes.

As regards the label width, no adjustment of the plungers is needed.

Width-adapted print rollers are provided for slim materials.

Label printer		SQUIX 4.3 M		SQUIX 4 M	
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 compared to a left-aligned material guide

1 Ribbon holder
Easy insertion of the ribbons is enabled with the three-part tightening axles.
A preprinted ruler simplifies the adjustment.

2 Roll holder
When setting the margin stop, the material roll is automatically centered. If rolls with 100 mm core diameter are processed, an adapter is recommended.

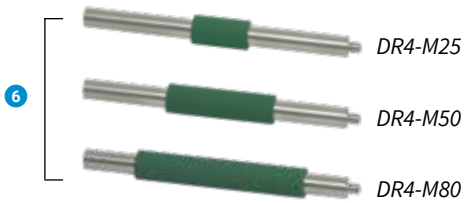
3 Plungers
Both plungers are fixed for all material widths. No print head settings or adjustments are necessary.

4 Material guide
The material guide just in front of the print roller provides accurate imprint. The material width is adjusted with a spindle.

5 Print rollers' coating
Synthetic rubber is standard for accurate imprint; silicone is available as an option for an extra long service life at a higher imprint tolerance

6 Slim print rollers
In order to achieve accurate imprint with slim materials and ribbons, also slim print rollers are needed. These prevent from print roller wear, print head contamination and errors during material feed.
Coating: synthetic rubber

Label printer SQUIX 4 MP



Label printers MT series

Material guide
centered
with separator

1.5 **The textile printer**

It is also possible to print on labels or continuous materials that are wound on rolls or reels.

As regards the label width, no adjustment of the plungers is needed.

Width-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 compared to a left-aligned material guide

1 Ribbon holder
Easy insertion of the ribbons is enabled with the three-part tightening axles.
A preprinted ruler simplifies the adjustment.

2 Roll holder
When setting the margin stop, the material roll is automatically centered. If rolls with 100 mm core diameter are processed, an adapter is recommended.

3 Plungers
Both plungers are fixed for all material widths. No print head settings or adjustments are necessary.

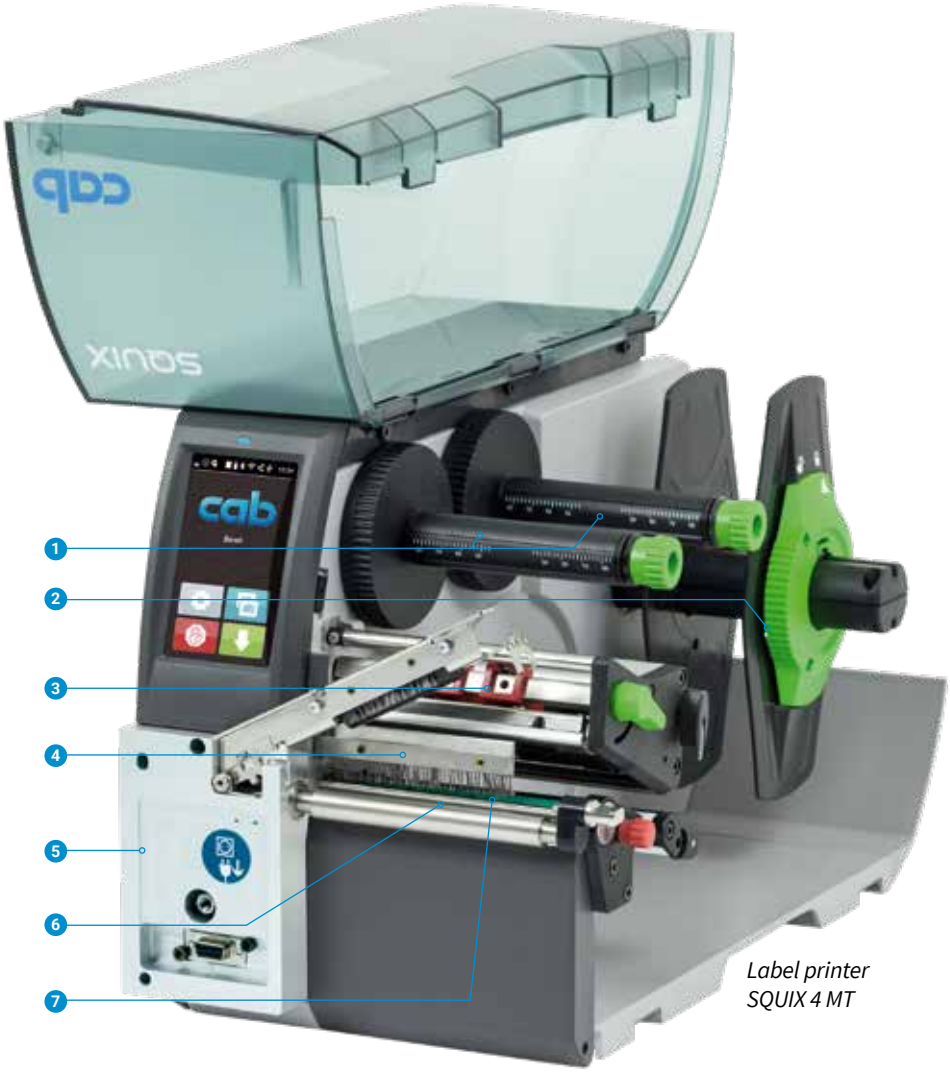
4 Antistatic brush
Particularly with plastic materials the electrostatic charge is discharged after printing.

5 Separator
At high heat energy the ribbon can stick with the textile tape. A roller reliably separates the material from the ribbon.

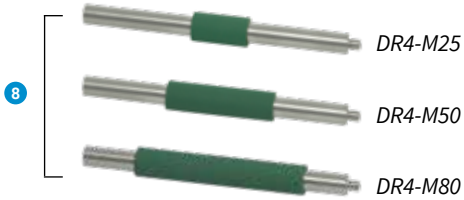
6 Material guide
The material guide just in front of the print roller provides accurate imprint. The material width is adjusted with a spindle.

7 Print rollers' coating
Synthetic rubber is standard for accurate imprint; silicone is available as an option for an extra long service life at a higher imprint tolerance

8 Slim print rollers
In order to achieve accurate imprint with slim materials and ribbons, also slim print rollers are needed. These prevent from print roller wear, print head contamination and errors during material feed.
Coating: synthetic rubber



Label printer SQUIX 4 MT



Operation panel

Intuitive and easy operation with self-explanatory symbols to configure the device setups

1. **LED signal:** Power ON
2. **Status bar:** Data reception, Record data stream, Ribbon pre-warning, SD memory card / USB memory stick plugged in, Bluetooth, WLAN, Ethernet, USB Slave, Time
3. **Printer status:** Ready, Pause, Number of printed labels per print job, Label in peel-off position, Awaiting external start signal
4. **USB slot** to connect the Service Key or a memory stick, to load data in the IFFS storage
5. **USB WLAN stick** 2.4 GHz 802.11b/g/n included as an extra item in the scope of delivery; In hotspot mode it is possible to directly connect a mobile device with the printer via WLAN.
6. **Operation**

Cutter / perforation cutter: cutting
External rewinder: winding outside or inside
Tear-off or peel-off mode: print label
Applicator: Printing and labeling in individual steps

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

Setup options

Printing parameters

Print position Y

Print speeds

Video tutorials

External operation panel

providing the same functionality as on the printer

Landscape or portrait mode display

Users are free to choose whether to operate the printer on the external panel or on the one integrated in the device.

Printer connection: USB 2.0 Hi-speed device

1. **LED:** Power ON
2. **USB slot** to connect the Service Key or a memory stick, to load data in the IFFS storage
3. **Connecting cable USB**, lengths 1,8 m, 3 m, 5 m
   Use only specified cables if length succeeds 3 m; for dimensions see assembly instructions

Print heads

2.1

All print heads are freely interchangeable at equal width. They are automatically detected and calibrated by the CPU.
Major data such as running performance, maximum operating temperature and heat energy are directly stored in the print head. The data can be read at the plant.

Print heads for SQUIX 2, SQUIX 4 - 300, 600 dpi
for a sharp-edge print image
for type plates with small fonts, graphics
and material marking with high energy needs

Print heads for SQUIX 4.3, SQUIX 6.3 - 203, 300 dpi
durable, for rough surroundings and thermal direct printing

Print rollers in two types of material

2.2

Print rollers DR
Coating: synthetic rubber
They are suited for accurate imprint and provided as standard.

Print rollers DRS
Coating: silicone
They have an extra long service life at a higher imprint tolerance.

Interfaces on the back of the device

1. for a **SD memory card**
2. **2 x USB host** to connect 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 BASE-T**
5. **RS232C** 1,200 to 230,400 baud/8 bit
6. 3.1 **Digital I/O interface** standard with peel-off devices, accessory to basic devices
   Labeling is started with a PLC, a sensor or a hand switch.
   At the same time, status and error messages are issued.

   Compliant with IEC/EN 61131-2, type 1+3; all inputs and outputs are galvanically isolated and protected from reverse polarity.
   In addition, outputs are short circuit protected.

Inputs PNP	**Outputs PNP; NPN on request**
Start print and apply	Printer/periphery ready
Print first label	Print job available
Reprint	Applicator in initial position
Delete print job	Paper feed ON
Label dispensed	Label in peel-off position
Interrupt labeling	Applicator in apply position
Pause	Ribbon pre-warning
Reset	Common error

Technical data

● typical ○ possible ■ standard □ option

			1.1		1.2				1.3		1.4				1.5		
Label printer		**Type**	**SQUIX 2**		**SQUIX 4.3**		**SQUIX 4**		**SQUIX 6.3**		**SQUIX 4.3 M**		**SQUIX 4 M**		**SQUIX 4.3 MT**	**SQUIX 4 MT**	
Material feed			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	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
Start of printing	Distance to locating edge	mm	2		2.8	1.2	2		0.5	3.2	25	centered					
Material[1]																	
Paper, cardboard, plastics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec			●		●		●		●		●				●		
Shrink tubes	ready-for-use		–		○				○		●				○		
	continuous, pressed		–		–				–		●				○		
Textile tapes			–		–				–		○				●		
Packing	on rolls, fanfold		●		●				●		●				●		
	on reels		–		–				–		●				●		
	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 excl. label backfeed[2]	from mm	4		4				6		3				4		
	incl. label backfeed[2]	from mm	4		6				12		4				6		
	incl. lab. backf. / peel-off	from mm	6		6				12		6				–		
	Thickness	mm	0.03 - 0.6														
Liner material	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/m²	300														
Shrink tubes	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[3]	Ink side		outside or inside														
	Roll diameter	up to mm	80														
	Core diameter	mm	25.4														
	Variable length	up to m	450														
	Width	mm	25 - 67		25 - 114				50 - 170		25 - 114				25 - 114		
Internal rewinder on peel-off device																	
Outside diameter		up to mm	142												–		
Core diameter		mm	40												–		
Winding			outside												–		
Printer sizes and weights																	
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		
Label sensor indicating the position																	
Gap sensor		for	labels or punch marks and end of material, print marks on transparant materials														
Reflective sensor	reflex from below or top	for	labels and end of material, print marks on non-transparent materials														
Distance of sensor	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														
Electronics																	
Processor 32 bit clock rate		MHz	800														
Main memory (RAM)		MB	256														
Data memory (IFFS)		MB	50														
Slot to connect a SD memory card (SDHC, SDXC)		up to GB	512														
Battery for time and date, real-time clock			■														
Data memory when power is switched off (e.g. serial numbering)			■														
Interfaces																	
RS232C 1,200 to 230,400 baud/8 bit			■														
USB 2.0 Hi-speed device to connect a PC			■														
Ethernet 10/100 BASE-T			LPD, IPv4, RawIP printing, DHCP, HTTP/HTTPS, FTP/FTPS, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service, VNC														
1 x USB host on the operation panel		for	Service Key or USB memory stick														
1 x USB host on the operation panel		for	USB WLAN stick 2.4 GHz 802.11b/g/n														
2 x USB host on the back of the device		for	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			■ (included as an extra item in the scope of delivery)														
USB WLAN stick 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac, Hotspot or Infrastructure Mode			□														
USB Bluetooth adapter			□														
Peripheral connection USB host, 24 VDC			■														
Digital I/O interface with 8 inputs and outputs		Peel-off device	■														
		Basic device	□														

[1] The material specifications are standard values. Applications with small labels, thin, slim, thick and stiff materials as well as strongly adherent labels have to be tested.
[2] in cases of tearing off, cutting, rewinding
[3] The ribbon should at least correspond with the width of the liner material.

Technical data

■ standard ☐ option

Operating data			
Power supply		100 - 240 VAC, 50/60 Hz, PFC	
Power consumption		Standby < 10 W / typical 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 Ribbon Tear-off Peel-off Cut Apply Interfaces Error	Region: - Language - Country - Keyboard - Time zone Time Display: - Brightness - Power saving mode - Orientation Interpreter	
Status bar			
	Data reception Record data stream Ribbon pre-warning SD memory card plugged USB memory stick plugged	Bluetooth WLAN Ethernet USB slave Time	
Monitoring			
	Ribbon pre-warning End of ribbon Direction of ribbon winding End of material	Periphery error Print head voltage Print head temperature Print head open Pinch roller open (peel-off device, separator)	
Test routines			
System diagnostics	on start-up, including print head detection		
Information display, test printout, analysis	Status printout Fonts list List of devices WLAN status	Test grid Label profile List of events Monitor mode	
Status reports	- Printout of device settings, e.g. print lengths and service hours - Device status request by software command - Display of, e.g., network errors, no links, barcode errors, periphery errors, etc.		
Fonts			
Font types internally provided	5 bitmap fonts: 12 x 12 dots 16 x 16 dots 16 x 32 dots OCR-A OCR-B	7 vector fonts: AR Heiti Medium GB-Mono CG Triumvirate Condensed Bold Garuda HanWangHeiLight Monospace 821 Swiss 721 Swiss 721 Bold	
to be stored	TrueType fonts		
Character sets	Windows-1250 to -1257 DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869 EBCDIC 500 ISO 8859-1 to -10 and -13 to -16 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese simplified Chinese traditional Thai	Cyrillic Greek Latin Hebrew Arabic	
Bitmap fonts	Widths and heights 1 - 3 mm Zoom factors 2 to 10 Orientations 0°, 90°, 180°, 270°		
Vector / TrueType fonts	Size in width and height 0,9 - 128 mm Variable zoom Orientation 360° in steps of 1°		
Font styles	bold, italic, underlined, outline, inverse - depending from the font types		
Character spacing	variable or monospace		

Graphics			
Graphic elements	Lines, arrows, rectangles, circles, ellipses - filled or filled with fading		
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG		
Barcodes			
Linear	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C EAN 8, 13 EAN/UCC 128/GS1-128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC	Interleaved 2/5 Ident and routing code of Deutsche Post Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0	
2D and stacked	DataMatrix DataMatrix Rectangle Extension QR code Micro QR code GS1 QR code GS1 DataMatrix PDF 417 Micro PDF 417 UPS MaxiCode GS1 DataBar Aztec Codablock F RSS 14 truncated, limited, stacked, stacked omni-directional		
	All codes are variable in terms of height, modular width and ratio; orientations 0°, 90°, 180°, 270° check digit, plain text printout and start / stop code are options depending from the type of code		
Software			
Label software	cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print		■ ■ ☐ ☐
Also running with	CODESOFT NiceLabel BarTender		
Stand-alone operation			■
Windows printer drivers WHQL certified for	Windows Vista Windows 7 Windows 8 Windows 8.1 Windows 10	Server 2008 Server 2008 R2 Server 2012 Server 2012 R2 Server 2016 Server 2019	■
Apple Mac OS X printer drivers	from version 10.6		■
Linux printer drivers	from CUPS 1.2		■
Programming	JScript printer language abc Basic Compiler		■ ■
Integration	SAP Database Connector		■ ■
Administration	Printer control Configuration in Intranet and Internet Network Manager (in preparation)		■ ■ ■

cab uses free and Open Source Software in its products.
For information see **www.cab.de/opensource**

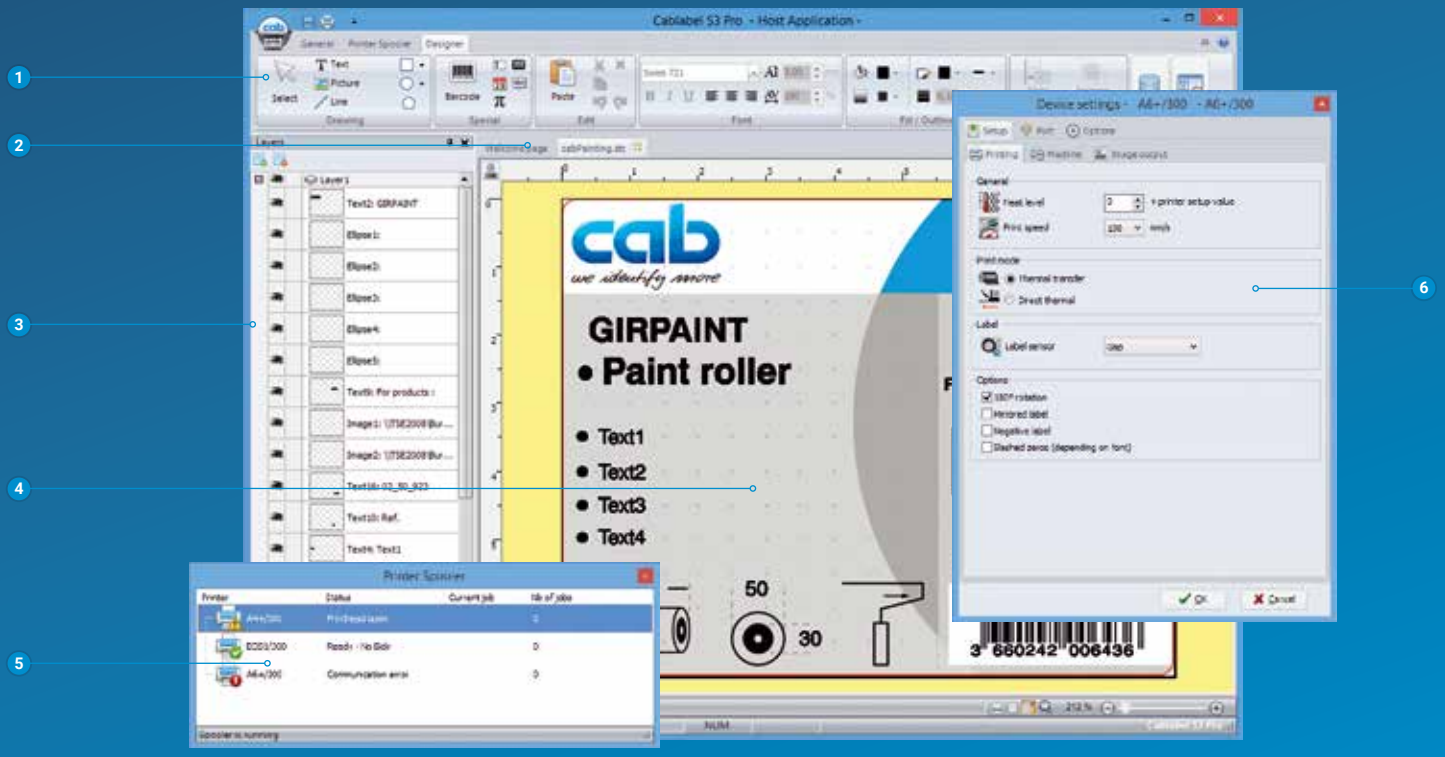
Label software cablabel S3

Designing, printing, administrating with cablabel S3

cablabel S3 opens up the full potential of cab devices.

First of all, the label must be designed. Only when it comes to printing
it has to be decided whether the label shall be processed on a label printer, a print and apply or marking laser system.

cablabel S3 is of a modular design which makes it adaptable to requirements step by step. To support functions like native JScript programming, elements such as the JScript Viewer are embedded as plug-ins. The designer user interface and the JScript code are synchronized in real time. Special functions like the Database Connector or barcode testers can be integrated.



1 **Toolbar**
to create different label objects

2 **Tabs**
to quickly switch from one running label design to another

3 **Layers**
to administrate different label objects

4 **Designer**
simplifies the label design and displays the label WYSIWYG

5 **Printer spooler**
to monitor all print jobs and the state of the printer

6 **Drivers**
for setting and the communication with devices

Printing in stand-alone operation

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

The label has to be designed with a software such as cablabel S3 or by direct programming with a text editor on a PC. Label formats, texts, graphics as well as database contents are stored on a memory card, a USB memory stick or in the internal IFFS memory.

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

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

Printer control and administration

Printer drivers

To control the printer with a software other than cablabel S3, cab provides drivers in 32 / 64 bit for operating systems starting from Windows Vista, Mac OS 10.6 and Linux with CUPS 1.2.

Windows[1] drivers
cab printer drivers are certified according to WHQL. They ensure optimum stability on the Windows operating system.

Mac OS X[2][3] drivers
cab provides CUPS-based printer drivers for Mac OS X applications.

Linux drivers[3]
Linux drivers are CUPS-based.

Drivers are offered on the DVD delivered with the printer and for free download at **www.cab.de/en/support**

Printer programming

JScript
To control the printer, cab has developed the embedded programming language JScript. See manual for free download at **www.cab.de/en/programming**

abc Basic Compiler
In addition to JScript and as an integral part of the firmware, it allows advanced printer programming before data are sent to printout. For example, external printer languages can be replaced without interfering in the current print job. Also data from other systems such as a scale, a barcode scanner or PLC can be integrated.

Printer integration

Printer Vendor Program
As a partner in SAP's[4] Printer Vendor Program, cab has developed a replace method to enable easy control of a cab printer via SAPScript from SAP R/3. Only variable data are sent to the printer by the host. Pictures and fonts that had priorly been stored in the local memory (IFFS, memory card, etc.) are merged.

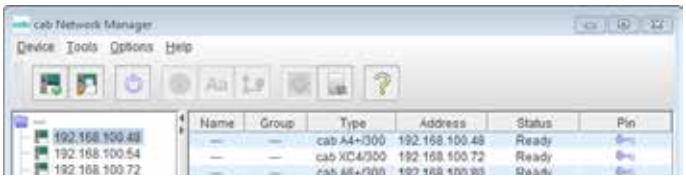
Step 1	Step 2	Step 3
Create a label and a replace file with cablabel S3	Use the replace file and replace the variable data in SAPScript	Printout from SAP

[1] Windows is a registered trademark of Microsoft Corporation
[2] MAC OS X is a registered trademark of Apple Computer, Inc.
[3] Only for device series SQUIX (except of SQUIX MT), MACH 4S, EOS, Hermes+ and PX
[4] SAP and all corresponding logos are trademarks or registered trademarks of SAP SE

Printer administration

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

Network Manager in preparation
It is possible to simultaneously manage several printers within the network. Control, configuration, firmware updates, memory card administration, data synchronization and PIN administration are supported from one single location.



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

Overview of accessories

● Typical ○ Possible ■ Standard ☐ Option

				1.1	1.2	1.3	1.4	1.5
Pos.	**Printer add-ons**	**Basic device**	**Peel-off device**	**SQUIX 2**	**SQUIX 4.3 SQUIX 4**	**SQUIX 6.3**	**SQUIX 4.3 M SQUIX 4 M**	**SQUIX 4.3 MT SQUIX 4 MT**
2.1	External operation panel	●	●	☐	☐	☐	☐	☐
	Connecting cable USB, lengths 1,8 m, 3 m, 5 m	●	●	☐	☐	☐	☐	☐
2.2	Print rollers DR4-M25, -M50, -M80	●	●	–	–	–	☐	☐
	Print roller DRS	●	●	☐	☐	☐	☐	☐
2.3	Antistatic brush	●	●	☐	☐	☐	☐	■
2.6	Adapter 100	●	●	☐	☐	☐	☐	☐
2.7	SD memory card 8 GB	●	●	☐	☐	☐	☐	☐
2.8	USB memory stick 8 GB	●	●	☐	☐	☐	☐	☐
2.9	USB WLAN stick	●	●	☐	☐	☐	☐	☐
2.10	USB Bluetooth adapter	●	●	☐	☐	☐	☐	☐
2.11	Barcode tester CC100	●	●	☐	☐	☐	☐	–
Label peel-off								
2.12	Present sensor PS800	–	●	☐	☐	☐	–	–
2.13	Present sensor PS900	–	●	☐	☐	☐	☐	–
2.14	Present sensor PS1000 MP	–	●	–	–	–	☐	–
2.15	Extended peel-off plate DP410	–	●	☐	☐	☐	☐	–
2.16	Product sensor with reflector	–	●	☐	☐	☐	☐	–
Interfaces, switches								
3.1	Digital I/O interface	●	●	☐	☐	☐	☐	☐
3.2	I/O interface connector, SUB-D 25 pin	●	●	☐	☐	☐	☐	☐
3.3	Label selection - I/O box	●	●	☐	☐	☐	☐	☐
3.4	Hand switch TR2	●	●	☐	☐	☐	☐	☐
3.5	Foot switch	●	●	☐	☐	☐	☐	☐
Connecting cable								
4.1	Connecting cable RS232 C, length 3 m	●	●	☐	☐	☐	☐	☐
Label cutting, perforating, stacking								
5.1	Cutters CU200, CU400, CU600 with cutter tray	●	○	☐	☐	☐	☐	☐
		●	○	–	☐	–	☐	–
5.2	Perforation cutters PCU400/2,5, PCU400/10	●	○	–	☐	–	☐	☐
5.3	Stacker with cutter and base frame ST400 M	●	○	–	–	–	☐	☐
Label rewinding, unwinding								
6.1	Rewind guide plates RG200, RG400	–	●	☐	☐	–	☐	–
6.3	External rewinders ER1/210, ER2/210[1)]	●	○	–	☐	☐	○	–
6.5	External rewinders ER4/300, ER6/300	●	○	–	☐	☐	○	–
6.6	External unwinders EU4/300, EU6/300	●	○	–	☐	☐	☐	☐
6.7	Adapter kit for rewinders and unwinders	●	○	–	☐	☐	☐	☐
Applicators, demand modules								
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	–	●	☐	☐	–	☐	–
Mounting equipment								
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 holder	–	●	☐	☐	☐	–	–
Special cover								
9.2	Hinged cover for the food industry	●	●	☐	☐	☐	☐	☐
Protection chassis								
9.3	Stainless steel chassis for food applications	●	●	–	☐	☐	☐	–
9.4	Dust protection chassis	●	●	–	☐	☐	☐	–
	Protection chassis for cleanroom applications	●	●	–	☐	☐	☐	–

[1)] from the A+ printer series, adapted to SQUIX; provided until the external rewinders ER20x are available

Accessories

2.1		**External operation panel**
		**Connecting cable USB**, length 1,8 m
		Connecting cable USB, length 3 m
		Connecting cable USB, length 5 m
2.2		**Print roller DR4-M25** Material width up to 25 mm Synthetic rubber coating for accurate imprint
		**Print roller DR4-M50** Material width up to 50 mm Synthetic rubber coating for accurate imprint
		**Print roller DR4-M80** Material width up to 80 mm Synthetic rubber coating for accurate imprint
		**Print roller DRS4** Material width up to 120 mm Silicone coating for an extra long service life at a higher imprint tolerance
2.3		**Antistatic brush** Particularly with plastic materials the electrostatic charge is discharged after printing.
2.6		**Adapter 100** for label rolls with 100 mm core diameter and more than 180 mm outside diameter
2.7		**SD memory card** 8 GB
2.8		**USB memory stick** 8 GB
2.9		**USB WLAN stick** 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac in infrastructure mode with rod antenna for extended reach
2.10		**USB Bluetooth adapter**
2.11		**Barcode tester CC100** **for linear and 2D barcodes** The readability or content of a horozontally or vertically printed barcode is checked by a camera right after the printing. In case of a faulty code printing is stopped and the label removed. The tester can be used in tear-off mode, peel-off mode or with an external rewinder. For further information see the operator's manual.

Label peel-off		
2.12		**Present sensor PS800** for a left-aligned material guide The sensor detects the label in peel-off position. After the label has been removed the next one is automatically printed. Label width from 16 mm Label height from 6 mm Distance to locating edge 7 mm
2.13		**Present sensor PS900** for a left-aligned or centered material guide The moveable sensor is foremost used with very small labels or labels that are shaped according to user specifications. After the label has been removed the next one is automatically printed. Label width from 4 mm Label height from 6 mm Left-aligned: distance to locating edge 12-60 mm centered: position middle centered
2.14		**Present sensor PS1000 MP** for a centered material guide The sensor detects the label in peel-off position. After the label has been removed the next one is automatically printed. Label width from 4 mm Label height from 6 mm Position middle centered
2.15		**Extended peel-off plate DP410** for strong-adhesive labels or labels with a thick carrier material that are hard to remove. Only in conjunction with printing on demand triggered via a display button or control signal. A present sensor cannot be used.
2.16		**Product sensor with reflector** Reflective light barrier to automatically detect a product on the conveyor belt
Interfaces, switches		
3.1		**Digital I/O interface** Labeling is started with a PLC, a sensor or a hand switch. At the same time, status and error messages are issued. Standard with peel-off devices, accessory to basic devices
3.2		**I/O interface connector,** SUB-D 25 pin with screw clamps to connect all control signals to the I/O interface
3.3		**Label selection - I/O box** Up to 16 different labels per box can be selected from the memory card by a master control, e.g. PLC. Two boxes can be connected. The I/O box allows simple PLC control processes with four inputs and outputs each via abc programming.
3.4		**Hand switch TR2** to connect to the I/O interface
3.5		**Foot switch** to connect to the I/O interface
Connecting cable		
4.1		**Connecting cable RS232 C** 9/9 pin, length 3 m

Accessories

Label cutting, perforating, stacking

5.1

Cutter CU

Paper labels, self-adhesive labels, cardboard, textile or plastic materials as well as shrink tubes can be cut.

Cutter tray

to collect up to approx. 50 labels

			Cutter			
Technical data			**CU200**	**CU400**		**CU600**
To be used with			**SQUIX 2**	**SQUIX 4.3 SQUIX 4**	**SQUIX 4.3 M SQUIX 4 M SQUIX 4.3 MT SQUIX 4 MT**	**SQUIX 6.3**
Material	Width	up to mm	67	120	114	180
	Weight cardboard	gr/m²	60-300			
	Thickness	mm	0.05-1.1			
Cutting length		from mm	5			
Gap height		up to mm	2.5			
Cuts/min, without material		up to	100			
Stop print job when			final cutter position has not been reached			
Cutter tray						
Label height		up to mm	-	100		-

5.2

Perforation cutter PCU400

Continuous materials such as textiles or shrink tubes are perforated before they are manually separated. In addition, the materials can also be cut.

			Perforation cutter	
Technical data			**PCU400/2,5**	**PCU400/10**
To be used with			**SQUIX 4.3, SQUIX 4, SQUIX 4.3 M, SQUIX 4 M, SQUIX 4.3 MT, SQUIX 4 MT**	
Perforating	Web distance	mm	2.5	10
	Web width	mm	0.5	
Material	Width	up to mm	85	
	Weight cardboard	gr/m²	60-300	
	Thickness	mm	0.05-1.1	
Cutting length		from mm	5	
Gap height		up to mm	2.5	
Cuts/min, without material		up to	100	
Stop print job when			final cutter position has not been reached	

5.3

Stacker with cutter ST400 M

1. The printed materials are cut and stacked. If the maximum stack height is reached, printing is interrupted. Limitations may apply to stiff or curved materials. We recommend to have these materials tested at our premise.
2. With the base frame the devices can be placed anywhere on the table.

			Stacker with cutter
Technical data			**ST400 M**
To be used with			**SQUIX 4.3 M, SQUIX 4 M SQUIX 4.3 MT, SQUIX 4 MT**
Material	Width	mm	20-100
	Weight cardboard	gr/m²	60-300
	Thickness	mm	0.05-0.8
Cutting length		mm	20-150
Gap height		up to mm	1.2
Cuts/min, without material		up to	100
Stop print job when			Final cutter position has not been reached, paper jam, stacker cover open, stack height has been reached
Stack height		up to mm	100

Support table - label W x H

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

Accessories

6.1

Label rewinding

with or without a cardboard core

Rewind guide plates RG for internal rewinding
Internal rewinding is possible with peel-off printers.
The peel-off plate is replaced by a rewind guide plate.

			Rewind guide plate		
Technical data			**RG200**	**RG400**	
	To be used with		**SQUIX 2 P**	**SQUIX 4.3 P SQUIX 4 P**	**SQUIX 4.3 MP SQUIX 4 MP**
	Material width	up to mm	67	120	114
	Roll diameter	up to mm	142		
	Tightening axle for core diameter	mm	38.1-40		
	Winding		outside		

6.3

External rewinders ER1, ER2 to connect directly to the printer
The rewinder is screwed with the label printer. Label winding is either outside or inside. The electronic swing arm control ensures that the winding stays consistent and tight.

		External rewinder	
Technical data		**ER1/210**	**ER2/210**
To be used with		**SQUIX 4.3, SQUIX 4 SQUIX 4.3 M, SQUIX 4 M**	**SQUIX 6.3**
Material width	up to mm	120	180
Roll diamater	up to mm	205	
Tightening axle for core diameter	mm	76	
Winding		outside or inside	

6.5

6.7

External rewinders ER4, ER6 with built-in power supply

The rewinder may be attached to any external printer. Label winding is either outside or inside. The electronic swing arm control ensures that the winding stays consistent and tight.

		External rewinder	
Technical data		**ER4/300**	**ER6/300**
To be used with		**SQUIX 4.3, SQUIX 4 SQUIX 4.3 M, SQUIX 4 M**	**SQUIX 6.3**
Material width	up to mm	120	180
Roll diameter	up to mm	300	
Tightening axle for core diameter	mm	76	
Winding		outside or inside	
Adapter kit for			
ER4, ER6 with SQUIX			
ER4, ER6 and EU4, EU6 with SQUIX			

6.6

6.7

Label unwinding

External unwinders EU
ensure consistent label feed with heavy rolls.
Either outside or inside wound rolls can be processed.

		External unwinder		
Technical data		**EU4/300**		**EU6/300**
To be used with		**SQUIX 4.3 SQUIX 4**	**SQUIX 4.3 M SQUIX 4 M SQUIX 4.3 MT SQUIX 4 MT**	**SQUIX 6.3**
Material width	up to mm	120	114	180
Roll diameter	up to mm	300		
Core diameter	mm	38.1		
	with adapter mm	76		
Winding		outside or inside		
Adapter kit for				
EU4, EU6 with SQUIX				
ER4, ER6 and EU4, EU6 with SQUIX				

Applicator S1000

7.1

Labeling in real time

The applicator S1000 fixed to a SQUIX provides a cost-effective solution for peel-off printers - in semi-automatic operation or when vertically assembled in production lines. A stroke cylinder applies the label on the product.

1. **Long service life**
   Low wear because of a ball-bearing linear guidance

2. **Variable product heights**
   The stroke cylinder enables labeling at different heights.
   It is available in various stroke lengths.

3. **Compressed air pressure regulation unit**
   Micro filters prevent from contamination.
   The regulation unit enables a permanent high labeling quality.

4. **High process reliability**
   Supporting air, suction air and the stroke speed are all adjustable. If sensitive products and packagings are processed, the suction force can be reduced to less than 10 N (1 kg). The vacuum holes are purged after every labeling process to avoid contamination.

5. **Label sizes**
   Label widths 25 to 176 mm and heights 25 to 200 mm can be applied.

6. **Supporting air** to blow the labels onto the pad

7. **Pad**
   The labels are given to the pad and held there by vacuum.
   Pad and label are moved by a stroke cylinder to the product.

Pre-dispense button

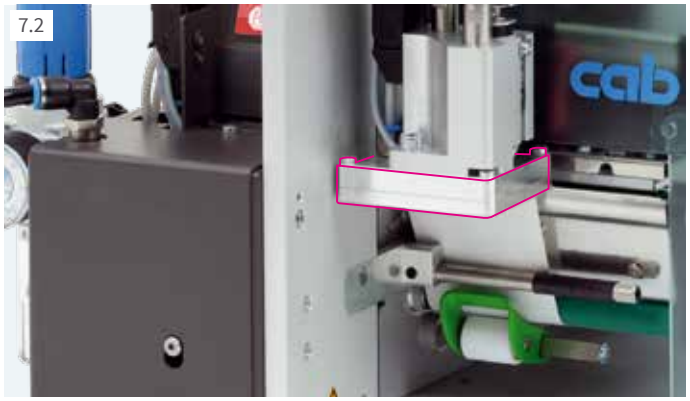
to check the labeling process. Pushing the button once means that the label is printed and taken over by the applicator. Pushing the button again starts the labeling process.

		Applicator		
Technical data		**S1000-220**	**S1000-300**	**S1000-400**
To be used with		**SQUIX 2, SQUIX 4.3, SQUIX 4 SQUIX 4.3 M, SQUIX 4 M, SQUIX 6.3**		
Cylinder stroke	mm	220	300	400
Tamp stroke below device	mm	64	144	244
Compressed air	bar	4.5		
Cycle time approx.[1)]		25 labels/min		

[1)] Calculated with 100 mm stroke below device, label height 100 mm, print speed 100 mm/s

Accessories

7.2

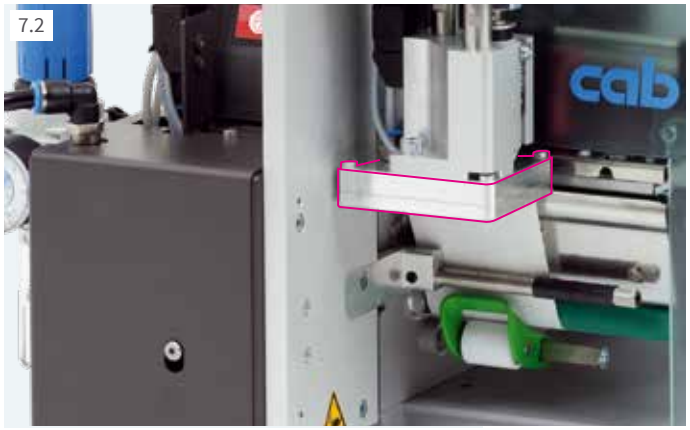


Universal pads

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

		Universal pad		
Technical data		**A1021**		**A1021**
To be used with		**SQUIX 2**	**SQUIX 4.3 SQUIX 4**	**SQUIX 4.3 SQUIX 4**
Label width	mm	25-63	25-70	25-90
Label height	mm	25-60		25-90
Product surface		flat		
Product height		variable		
Product during labeling		not in motion		

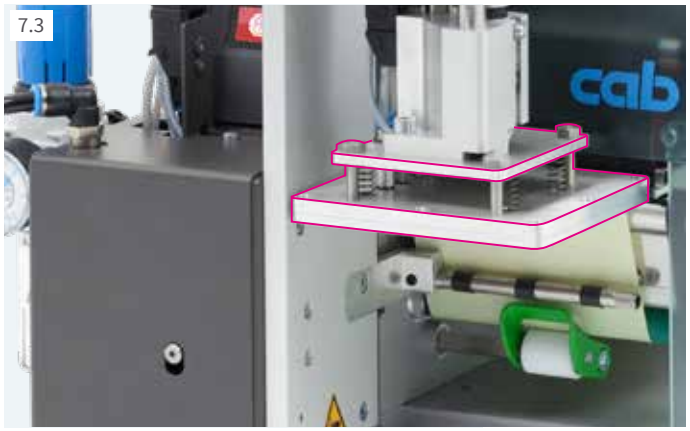
Applicator S1000 accessories



Tamp pads

are manufactured according to the label size.

		Tamp pad		
Technical data		**A1021**		
To be used with		**SQUIX 2**	**SQUIX 4.3 SQUIX 4**	**SQUIX 6.3**
Label width	mm	25-63	25-116	50-176
Label height	mm	25-200		
Product surface		flat		
Product height		variable		
Product during labeling		not in motion		



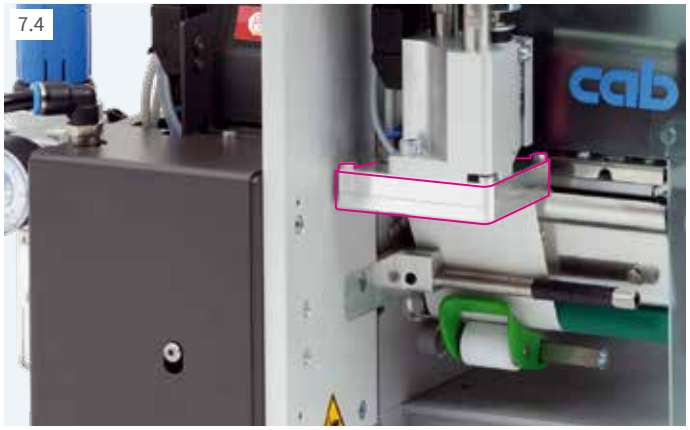
Universal pads spring-mounted

The spring deflection allows labeling even on curved surfaces. The rasterized vacuum holes are covered by a foil and pierced according to the label size.

Tamp pads spring-mounted

The spring deflection allows labeling even on curved surfaces; manufactured according to the label size

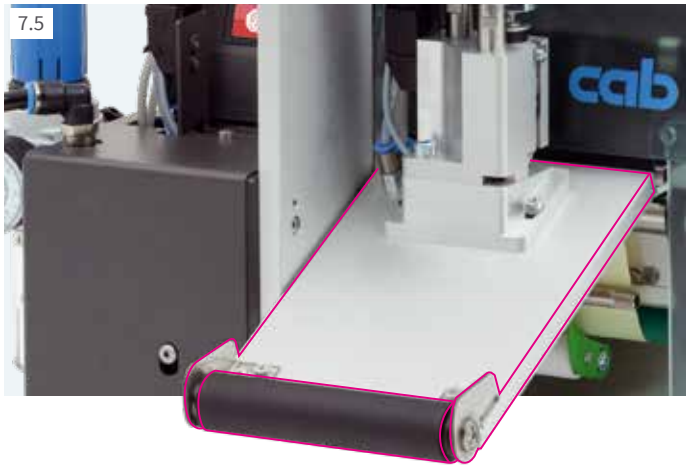
		Universal pad		Tamp pad	
Technical data		**A1321**	**A1321**	**A1321**	
To be used with		**SQUIX 4.3, 4**	**SQUIX 4.3, 4**	**SQUIX 4.3, 4**	**SQUIX 6.3**
Label width	mm	25-116	25-116	25-116	50-176
Label height	mm	25-102	25-152	25-200	
Product surface		flat			
Product height		variable			
Product during labeling		not in motion			



Blow pads

Labels may be blown on pressure-sensitive products. For this, the blow pad moves to a fixed height. The position of the product that has to be labeled is approx. 10 mm below.

		Blow pad		
Technical data		**A2021**		
To be used with		**SQUIX 2**	**SQUIX 4.3, 4**	**SQUIX 6.3**
Label width	mm	25-63	25-116	on request
Label height	mm	25-100		
Product surface		flat		
Product height		fixed		
Product during labeling		in motion or not in motion		



Roll-on pads

The label is moved right below the roll during the printing. The pad moves onto the product. The label is taken over by the product and rolled on.

		Roll-on pad	
Technical data		**A1411**	
To be used with		**SQUIX 4.3, 4**	**SQUIX 6.3**
Label width	mm	25-116	50-176
Label height	mm	80-200	
Product surface		flat	
Product height		variable	
Product during labeling		in motion	

Applicator S3200

Labeling in real time

An applicator S3200 fixed to a SQUIX provides a cost-effective solution for peel-off printers - in semi-automatic operation or when vertically assembled in production lines. With the S3200 printed labels are automatically applied on the product. The labels are placed with a rotary cylinder 45° to 95° to the horizontal and applied on the product with a short stroke cylinder. All information on the service life, predispense, compressed air regulation, process reliability and supporting air correspond with the applicator S1000 (see page 18).

	Applicator
Technical data	**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 pad F	5
Compressed air bar	4.5
Cycle time approx.[1]	20 labels/min

[1] Calculated with label height 40 mm, print speed 100 mm/s

Tamp or blow pads

are manufactured according to the label size.

	Tamp pad		Blow pad	
Technical data	**A3200-1100**		**A3200-2100**	
To be used with	**SQUIX 2**	**SQUIX 4.3, 4**	**SQUIX 2**	**SQUIX 4.3, 4**
Label width mm	4-63	10-116	10-63	10-116
Label height mm	6-80		10-80	
Product surface	flat			
Product during labeling	not in motion		in motion or not in motion	

Demand modules

Demand modules S5104, S5106

to label products in motion on a conveyor belt. A product sensor detects the labeling position. The peel-off process is started and at the same time the next label is printed. The transport speed has to be synchronized with the print speed. A reflective sensor monitors the positioning.

	Demand module	
Technical data	**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	
Distance from print line to peel-off plate mm	336-518	
Product surface	flat	
Product height	fixed	
Product during labeling	in motion, speed synchronized with the printer	
Cycle time approx.[1]	60 labels/min	

[1] Calculated with label height 100 mm, print speed 100 mm/s

All-around labeler

7.10

All-around labeler

With the module cylindric objects can be labeled throughout the entire 360° circumference. The product is laid onto the rolls and the labeling process is started with a hand or foot switch.

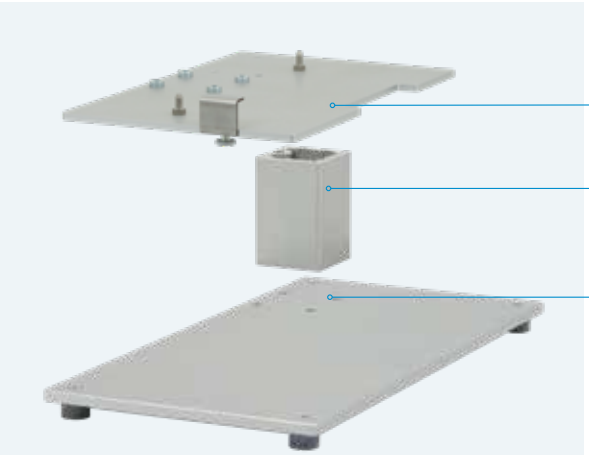
		Tamp pad	
Technical data		**A1021**	**M1021**
To be used with		**SQUIX 2**	**SQUIX 4.3, SQUIX 4**
Label width	mm	25-63	25-116
Label height	mm	25-140	
Product diameter	mm	12-40	
Product surface		cylindric	
Product during labeling		in rotary motion	

Mounting equipment for the SQUIX label printers

8.1

8.2

8.3



Mounting foot

to fix the print and apply system and the product holder

1. **Mounting plate**
   The print and apply system is assembled on the mounting plate.
2. **Profile**
   Aluminum square profile, standard lengths 40, 80, 120 mm; other lengths are possible on request
3. **Base plate**
   to fix the product holder
   Standard size 500 x 255 mm

8.4

8.5

Floor stand

It enables fast and flexible printer use in any production line. The labeling position is easily adjustable according to the height and width of the product. Four guide rollers provide mobility of the carriage. The floor stand is aligned with adjustable feet at the place of application.

		Floor stand
Technical data		**1600**
Total height	mm	1,600
Labeling height	up to mm	1,400
Offset to label centre	mm	230-500
Carriage Width x Height x Depth	mm	600 x 140 x 860

8.5

Printer holder

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

Label printers with special covers or protection chassis

1.8

Printers with a conductive ESD surface
Available for all printer types

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

Surface resistance according to DIN IEC 60093 ≤ 10^4 ohm; charge is reduced from 1,000 V to 100 V in less than two seconds

Hinged upper cover available as an accessory

1.9

Printers with a detectable hinged cover for food applications
Available for all printer types

Magnetic cover so that splintered parts can be detected by metal detectors or x-ray inspection systems

Blue surface to distinguish from food products

If requested, the entire casing can be manufactured detectable.

The material complies with the food regulations such as EU no. 10/2011 and FDA CFR 21 177.2600.

9.3

Stainless steel chassis for food applications
Available for printer types SQUIX 4 and SQUIX 6

Labels are removed through the front opening.

To replace the materials, the front flap is opened and the printer is pulled out on telescopic rails. The flap is closed for steam jet cleaning.

Protection class IP69K according to EN 60529

9.4

Dust protection chassis
Available for printer types SQUIX 4 and SQUIX 6

Labels are removed through the front opening.

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

Protection class IP52 according to EN 60529

Protection chassis with extraction socket for cleanroom applications
Available for printer types SQUIX 4 and SQUIX 6

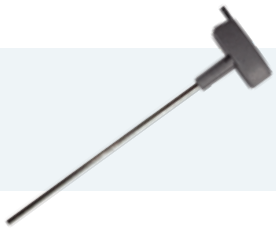
Maintenance

Label sensor
It can be unlocked with finger pressure and pulled out for cleaning.

Print head
Easy exchange in few simple steps. Adjustments or setups are basically not necessary.

Print roller
It can be easily unlocked with a screw for cleaning or replacement.

Assembly tool
ONE tool is provided with the printer to replace all components or to mount periphery.



Services

Well-trained cab service engineers worldwide support in the maintenance and repair of the devices.

Send your printer to a cab service center or a cab service partner selected by us. Your device will be checked and repaired within few workdays. If requested, a loan device will be offered.

You prefer maintenance and repair on-site in your company? Then make an appointment with our Services Department: Phone **+49 721 6626 300**, Email: **service.de@cab.de**

Training

Enhance your know-how on cab devices with regard to an effective use, service and repair.

In Karlsruhe we offer trainings on the handling of the devices, label design, software, printer drivers, programming, database access as well as on how to integrate in networks or superior ERP systems. We gladly send you detailed information on all our current training offers on request.

Individually we offer trainings according to your specific demands - in Karlsruhe or on-site in your company.

Delivery program label printers

Pos.		Part no.	Printers with a left-aligned material guide	Part no.	Print heads	dpi	Part no.	Wear parts
1.1		**5977030**	Label printer SQUIX 2/300	**5977384.001**	Print head 2	300	**5954102.001** **5954978.001**	Print roller DR2 Print roller DRS2
		5977031	Label printer SQUIX 2/600	**5977385.001**	Print head 2	600		
		5977032	Label printer SQUIX 2/300P	**5977384.001**	Print head 2	300	**5954102.001** **5954978.001**	Print roller DR2 Print roller DRS2
		5977033	Label printer SQUIX 2/600P	**5977385.001**	Print head 2	600	**5954104.001**	Rewind assist roller RR2
1.2		**5977014**	Label printer SQUIX 4.3/200	**5977382.001**	Print head 4.3	200		
		5977015	Label printer SQUIX 4.3/300	**5977383.001**	Print head 4.3	300	**5954180.001** **5954985.001**	Print roller DR4 Print roller DRS4
		5977001	Label printer SQUIX 4/300	**5977444.001**	Print head 4	300		
		5977002	Label printer SQUIX 4/600	**5977380.001**	Print head 4	600		
		**5977016**	Label printer SQUIX 4.3/200P	**5977382.001**	Print head 4.3	200		
		5977017	Label printer SQUIX 4.3/300P	**5977383.001**	Print head 4.3	300	**5954180.001** **5954985.001**	Print roller DR4 Print roller DRS4
		5977004	Label printer SQUIX 4/300P	**5977444.001**	Print head 4	300	**5954183.001**	Rewind assist roller RR4
		5977005	Label printer SQUIX 4/600P	**5977380.001**	Print head 4	600		
1.3		**5977034**	Label printer SQUIX 6.3/200	**5977386.001**	Print head 6.3	200	**5954245.001** **5954979.001**	Print roller DR6 Print roller DRS6
		5977035	Label printer SQUIX 6.3/300	**5977387.001**	Print head 6.3	300		
		5977036	Label printer SQUIX 6.3/200P	**5977386.001**	Print head 6.3	200	**5954245.001** **5954979.001**	Print roller DR6 Print roller DRS6
		5977037	Label printer SQUIX 6.3/300P	**5977387.001**	Print head 6.3	300	**5954246.001**	Rewind assist roller RR6
Pos.		**Part no.**	**Printers with a centered material guide**	**Part no.**	**Print heads**	**dpi**	**Part no.**	**Wear parts**
1.4		**5977018**	Label printer SQUIX 4.3/200M	**5977382.001**	Print head 4.3	200		
		5977019	Label printer SQUIX 4.3/300M	**5977383.001**	Print head 4.3	300	**5954180.001** **5954985.001** **5953700.001** **5953701.001** **5953702.001**	Print roller DR4 Print roller DRS4 Print roller DR4-M25 Print roller DR4-M50 Print roller DR4-M80
		5977010	Label printer SQUIX 4/300M	**5977444.001**	Print head 4	300		
		5977011	Label printer SQUIX 4/600M	**5977380.001**	Print head 4	600		
		**5977022**	Label printer SQUIX 4.3/200MP	**5977382.001**	Print head 4.3	200	**5954180.001** **5954985.001** **5953700.001** **5953701.001** **5953702.001**	Print roller DR4 Print roller DRS4 Print roller DR4-M25 Print roller DR4-M50 Print roller DR4-M80
		5977023	Label printer SQUIX 4.3/300MP	**5977383.001**	Print head 4.3	300		
		5977007	Label printer SQUIX 4/300MP	**5977444.001**	Print head 4	300		
		5977008	Label printer SQUIX 4/600MP	**5977380.001**	Print head 4	600	**5954183.001**	Rewind assist roller RR4
1.5		**5977024**	Label printer SQUIX 4.3/300MT	**5977383.001**	Print head 4.3	300	**5954180.001** **5954985.001** **5953700.001** **5953701.001** **5953702.001**	Print roller DR4 Print roller DRS4 Print roller DR4-M25 Print roller DR4-M50 Print roller DR4-M80
		5977012	Label printer SQUIX 4/300MT	**5977444.001**	Print head 4	300		
		5977025	Label printer SQUIX 4/600MT	**5977380.001**	Print head 4	600		

Pos.		Part no.	Special printers
1.8		**5977xxx.124**	Printers with a conductive ESD surface Label printer SQUIX x/xxx-ESD "x" - choose device from Pos. 1.1-1.5
1.9		**5977xxx.122**	Printers with a hinged cover for food applications Label printer SQUIX x/xxx-FOOD "x" - choose device from Pos. 1.1-1.5

x - user specific part no. following request

Scope of delivery:	
	Label printer Power cable Type E+F, length 1.8 m Connecting cable USB, length 1.8 m USB WLAN stick 2.4 GHz 802.11b/g/n Operator's manual DE/EN
DVD:	Operator's manual in 30 languages Configuration manual DE/EN/FR Service manual DE/EN Spare parts list DE/EN Programming manual EN WHQL certified Windows printer drivers for Windows Vista / Server 2008 Windows 7 / Server 2008 R2 Windows 8 / Server 2012 Windows 8.1 / Server 2012 R2 Windows 10 / Server 2016 Server 2019 Apple Mac OS X printer drivers DE/EN/FR Linux printer drivers DE/EN/FR Label software cablabel S3 Lite cablabel S3 Viewer Database Connector

Delivery program accessories

Pos.		Part no.	
2.1		**6010186**	External operation panel
		**5907718**	Connecting cable USB, length 1,8 m
		5907730	Connecting cable USB, length 3 m
		5907750	Connecting cable USB, length 5 m
2.3		**5977797** **5977339**	Antistatic brush 2" Antistatic brush 4" / 6"
2.6		**5959622**	Adapter 100
2.7		**5977370**	SD memory card 8 GB
2.8		**5977730**	USB memory stick 8 GB
2.9		**5977731**	USB WLAN stick with rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.10		**5977732**	USB Bluetooth adapter
2.11		**5978911.597**	Barcode tester CC100 for linear and 2D barcodes
Pos.		**Part no.**	**Label peel-off**
2.12		**5977585**	Present sensor PS800
2.13		**5984482** **5977538**	Present sensor PS 2/900 Present sensor PS 4/900
2.14		**5977735**	Present sensor PS1000 MP
2.15		**5977798** **5978908** **5977799**	Extended peel-off plate DP210 Extended peel-off plate DP410 Extended peel-off plate DP610
2.16		**5978909**	Product sensor with reflector
Pos.		**Part no.**	**Interfaces, switches**
3.1		**5977767**	Digital I/O interface
3.2		**5917651**	I/O interface connector SUB-D 25 pin
3.3		**5948205**	Label selection - I/O box
3.4		**5955710**	Hand switch TR2
3.5		**5955711**	Foot switch

Pos.		Part no.	Connecting cable
4.1		**5550818**	Connecting cable RS232 C 9/9 pin, length 3 m
Pos.		**Part no.**	**Label cutting, perforating, stacking**
5.1		**5979032** **5978900** **5979033**	Cutter CU200 Cutter CU400 Cutter CU600
5.2		**5978901** **5978920**	Perforation cutter PCU400/2,5 Perforation cutter PCU400/10
5.3		**5978902**	Stacker with cutter and base frame ST400 M
		**5xxxxxx**	Support table, label WxH
Pos.		**Part no.**	**Label rewinding, unwinding**
6.1		**5979031** **5978903**	Rewind guide plate RG200 Rewind guide plate RG400
6.3		**5948102.597** **5943251.597**	External rewinder ER1/210 External rewinder ER2/210
6.5		**5946090** **5946420**	External rewinder ER4/300 External rewinder ER6/300
6.6		**5946091** **5946421**	External unwinder EU4/300 External unwinder EU6/300
6.7		**5978943**	Adapter kit for ER4, ER6 and EU4, EU6

x - user specific part no. following request

Delivery program accessories

Pos.		Part no.	Applicators, demand modules
7.1		**5976086** **5976087** **5976088**	Applicator S1000-220 Applicator S1000-300 Applicator S1000-400
7.2		**5949072**	Universal pad A1021 70x60
		5949075	Universal pad A1021 90x90
		59xxxxx	Tamp pad A1021 WxH
7.3		**5949076**	Universal pad A1321 116x102
		5949077	Universal pad A1321 116x152
		59xxxxx	Tamp pad A1321 WxH
7.4		**59xxxxx**	Blow pad A2021 WxH
7.5		**59xxxxx**	Roll-on pad A1411 WxH
7.6		**5976085**	Applicator S3200
7.7		**59xxxxx**	Tamp pad A3200-1100 WxH
7.8		**59xxxxx**	Blow pad A3200-2100 WxH
7.9		**5976083** **5979035**	Demand module S5104 Demand module S5106
7.10		**5976084**	All-around labeler

x - user specific part no. following request

Pos.		Part no.	Mounting equipment
8.1		**5979036** **5978910** **5978923**	Mounting plate SQUIX 2 Mounting plate SQUIX 4 Mounting plate SQUIX 6
8.2		**5958365** **5965929** **5971136**	Profile 40 Profile 80 Profile 120 special lengths on request
8.3		**5961203**	Base plate 500x255
8.4		**5947400**	Floor stand 1600
8.5		**5979037** **5978922** **5979038**	Printer holder SQUIX 2 Printer holder SQUIX 4 Printer holder SQUIX 6
Pos.		**Part no.**	**Special covers**
9.2		**5977773.001** **5977764.001** **5977774.001**	Hinged cover SQUIX 2-FOOD Hinged cover SQUIX 4-FOOD Hinged cover SQUIX 6-FOOD
Pos.		**Part no.**	**Protection chassis**
9.3		**5979071** **5979305**	Stainless steel chassis SQUIX 4 Stainless steel chassis SQUIX 6
9.4		**5979080** **5979300** **5979080.126** **5979300.126**	Dust protection chassis SQUIX 4 220 V Dust protection chassis SQUIX 6 220 V Protection chassis cleanroom SQUIX 4 Protection chassis cleanroom SQUIX 6
Pos.		**Part no.**	**Label software**
11.7		Freeware **5588001** **5588100** **5588101** **5588150** **5588151** **5588152** **5588002** **5588105** **5588106** **5588155** **5588156** **5588157** in preparation	cablabel S3 Lite (Download at cab.de/en) cablabel S3 Pro 1 WS cablabel S3 Pro 5 WS cablabel S3 Pro 10 WS cablabel S3 Pro 1 additional licence cablabel S3 Pro 4 additional licences cablabel S3 Pro 9 additional licences cablabel S3 Print 1 WS cablabel S3 Print 5 WS cablabel S3 Print 10 WS cablabel S3 Print 1 additional licence cablabel S3 Print 4 additional licences cablabel S3 Print 9 additional licences cablabel S3 Print Server
11.10		**9009950**	Programming manual EN, printed copy

cab product overview

Label printers MACH1, MACH2
in the lower price segment

Label printers MACH 4S
where little space is available

Label printers EOS2
Desktop device for label rolls
up to diameter 152 mm

Label printers EOS5
Desktop device for label rolls
up to diameter 203 mm

Label printers SQUIX 2
Industrial device for print widths
up to 57 mm

Label printers SQUIX 4
Industrial device for print widths
up to 108 mm

Label printers SQUIX 6.3
Industrial device for print widths
up to 168 mm

Label printers A8+
Industrial device for print widths
up to 216 mm

Label printers XD4T
for double-sided printing

Label printers XC
for two-color printing

Print and apply systems HERMES Q
for automation

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

Print modules PX
to be integrated in labeling machines

Labels
made from more than 400 materials

Ribbons
in wax, resin and resin/wax qualities

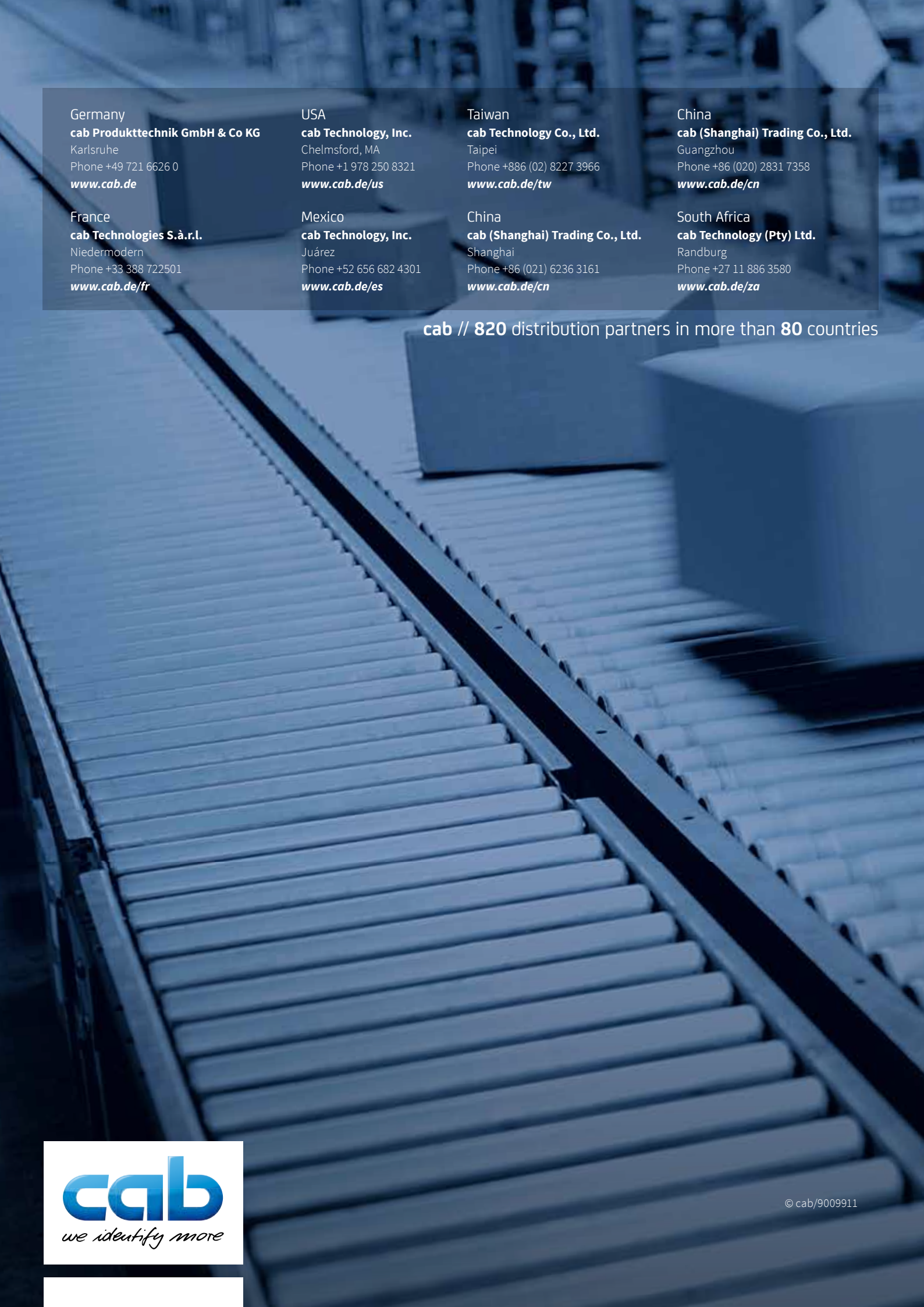
Label software cablabel S3
Design, print, control

Label dispensers HS, VS
for horizontal or vertical dispense

Labeling heads IXOR
to be integrated in labeling machines

Marking lasers XENO 4
in 19" housings

Laser marking systems
in desktop housings



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