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Products need labeling

Label printers for industrial applications

SQUIX
Made in Germany

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 4 mm

Type plates
Pin sharp 600 dpi fonts, graphics and barcodes

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; from quarter 1/2018

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 large number 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

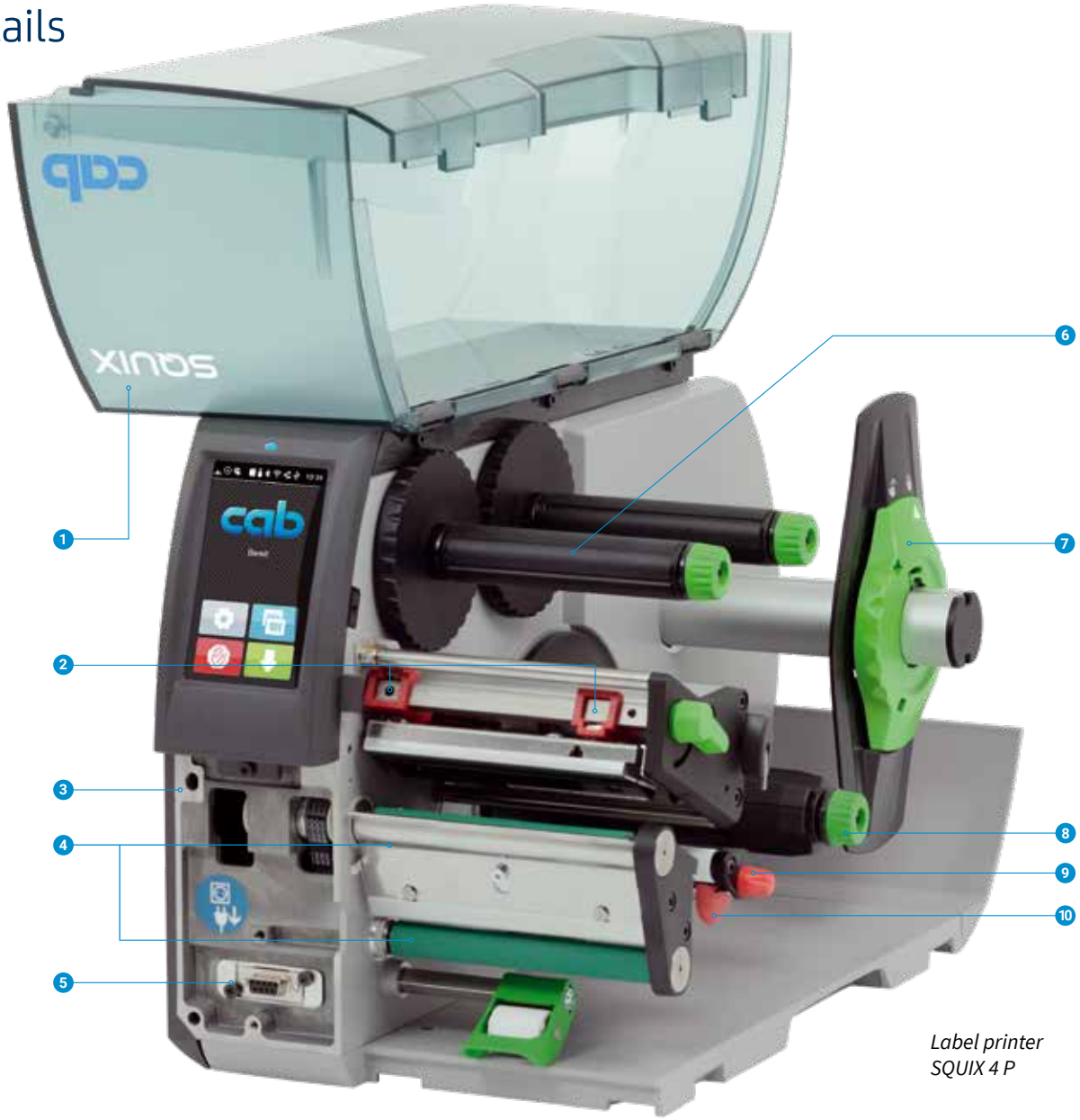
In addition to the basic version the labels can also be dispensed. The label is separated from the carrier material after the printing. It can be removed manually or by an applicator. Delivery includes I/O interface

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 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.

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

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

7 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.

8 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.

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

10 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.

Label printer SQUIX 4 MP

Slim print rollers

To achieve accurate imprint with slim materials and ribbons slim print rollers are needed. These prevent from print roller wear, print head contamination and errors during material feed.

Coating: synthetic rubber

DR4-M25

DR4-M50

DR4-M80

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.

Label printer SQUIX 4 MT

Slim print rollers

To achieve accurate imprint with slim materials and ribbons slim print rollers are needed. These prevent from print roller wear, print head contamination and errors during material feed.

Coating: synthetic rubber

DR4-M25

DR4-M50

DR4-M80

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 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 **Periphery buttons**

Cutter/perforation cutter:	direct cutting
External rewinder:	winding outside or inside
Tear-off or peel-off mode:	print the next label
Applicator:	label application

5 **Operation**

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

6 **USB slot** for the Service Key or a memory stick, to load data in the IFFS storage

7 **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.

Setup options

Printing parameters

Print position Y
Fast setup with a slider, fine setup with ± keys

Print speed selection
via scroll function

Video tutorials
explain specific features and give user support

RFID write/read module in preparation

1.6 **HF according to ISO/IEC 15693 with 13.56 MHz**

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

If Smart Labels are processed, the integrated RFID chips are tested and qualified before printing. In case of an error the label is marked. To achieve good write/read results even with small labels, the position of the antenna is centered above the transponder.

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. **Slot for SD memory card**
2. **2 x USB host interfaces** to connect a keyboard, barcode scanner, USB memory stick, USB Bluetooth adapter, USB WLAN stick
3. **USB 2.0 Hi-speed device** to connect a PC
4. **Ethernet 10/100 BASE-T**
5. **RS232C interface** 1,200 to 230,400 baud/8 bit
6. 3.1 **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	Pre-warning to end of ribbon
Reset	Common error

Technical data

● Typical ○ Possible ■ Standard ☐ Option

				1.1		1.2				1.3		1.4				1.5		
Label printer				**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			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
Print start	Distance to locating edge		mm	2		2.8	1.2	2		0.5	3.2	centered						
Material																		
Roll, fanfold, reel (reel only with centered devices)	Paper, cardboard, PET, PE, PP, PI, PVC, PU, acrylate, Tyvec			●		●				●		●				●		
	Smart Labels			–		●				●		●				○		
	Ready-for-use shrink tubes			–		○				○		●				○		
	Pressed continuous shrink tubes			–		–				–		●				○		
	Textile tapes			–		–				–		○				●		
Labels[1]	Width		mm	4-63		20-116				46-176		4-110				4-110		
	Height without label backfeed[2]		from mm	4		6				6		3				6		
		with label backfeed[2]	from mm	4		6				12		4				6		
		with label backfeed when dispensing	from mm	6		6				12		6				–		
	Thickness		mm	0.03-0.60														
Carrier 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	0.05-0.50														
	Weight (cardboard)		up to g/m²	300														
Shrink tubes	Width ready-for-use		up to mm	–		120				–		114				114		
	Width continuous		mm	–		–				–		4-85				4-85		
	Thickness		up to mm	–		1.1				–		1.1				1.1		
Roll, reel	Outside diameter with core diameter		mm	205 / 38,1-76 180 / 100														
	Winding			outside or inside														
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	25-57		25-114				50-170		25-114				25-114		
Internal rewinder in peel-off version																		
Outside diameter			up to mm	142												-		
Core diameter			mm	38.1-40												-		
Winding				outside												-		
Printer sizes and weights																		
Width x Height x Depth			mm	200x288x460		252x288x460				312x288x460		252x288x460				252x288x460		
Weight			kg	9		10				14		10				10		
Label sensor with position indication																		
Gap sensor for				labels, punch marks or print marks in transparent materials and end of material														
Reflective sensor from below or top for				print marks in not transparent materials and end of material														
Distance sensor	to locating edge	left-aligned	mm	5-26		5-60				5-60		–				–		
	from center to locating edge	centered	mm	–		–				–		0-55				0-55		
Height of material gap			up to mm	2														
RFID																		
Write/read module	HF ISO/IEC 15693, 13,56 MHz			–		☐				☐		☐				☐		
	UHF ISO/IEC 18000-6C/EPC Class 1 Gen 2			–		☐				☐		☐				☐		
Electronics																		
Processor 32 bit clock rate			MHz	800														
Main storage (RAM)			MB	256														
Data storage (IFFS)			MB	50														
Slot for SD memory card (SDHC, SDXC)			up to GB	512														
Battery for time and date, real-time clock				■														
Data storage when power is off (e.g. serial numbers)				■														
USB WLAN stick 2.4 GHz 802.11b/g/n				■ (included as an extra item in the scope of delivery)														
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, IPv 6, RawIP printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service														
1 x USB host at the operation panel for 1 x USB host at the operation panel for				Service Key or USB memory stick USB WLAN stick 2.4 GHz 802.11b/g/n														
2 x USB host on the back side for				Keyboard, barcode scanner, USB memory stick, USB Bluetooth adapter, USB WLAN stick 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac with rod antenna														
WLAN 802.11b/g/n, hotspot or infrastructure mode			GHz	2.4 ■ / 5 ☐														
Periphery connection USB host, 24 DC				■														
Digital I/O with 8 inputs and outputs		Peel-off/basic device		■/☐														

[1] Limitations may apply to small labels, thin materials or strong adhesives. Critical applications need to be tested. [2] when tearing off, cutting, rewinding
[3] The ribbon should at least correspond with the width of the carrier material.

Technical data

■ Standard ☐ Option

Operating data		
Power supply		100-240 VAC, 50/60 Hz, PFC
Power consumption		Standby < 10 W / typical 150 W / maximum 300 W
Temperature / humidity	Operation	+5 - 40°C / 10 - 85 % not condensing
	Storage	0 - 60°C / 20 - 85 % not condensing
	Transport	–25 - 60°C / 20 - 85 % not condensing
Approvals		CE, FCC class A, CB, CCC, c UL

Operation panel	
	Touchscreen LCD color display
Screen diagonal	4.3"
Resolution (Pixel) W x H	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 safe mode Orientation Interpreter

Status bar		
	Data reception Record data stream Ribbon warning SD memory card plugged in USB memory stick plugged in	Bluetooth WLAN Ethernet USB Slave Time

Monitoring		
	Ribbon winding Ribbon pre-warning End of ribbon End of material Periphery error	Print head tension Print head temperature Print head open Pinch roller open (with peel-off version and separator)

Test routines	
System diagnostics when	Device is switched on, including print head detection
Display information, status printout, analysis	Fonts list, type overview, WLAN status, label profile, test grid, monitor mode, recording print data on memory card
Status reports	Printout of system settings, for example - print lengths and running times, - system status requests via software command, - display information such as network error, missing link, barcode error, periphery error, etc.

Fonts	
Font types	5 bitmap fonts including OCR-A, OCR-B and 3 vector fonts Swiss 721, Swiss 721 Bold, Mono-space 821 are internally provided, TrueType fonts may be stored
Character sets	Windows 1250 bis 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R All West and East European, latin, cyrillic, Greek, Hebrew and Arabic characters, Chinese and Thai are supported.
Bitmap fonts	Size in width and height 1-3 mm Zoom factor 2 to 10 Orientation 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 on the font type
Character spacing	Variable or Monospace for fixed character spacings

Graphics	
Graphic elements	Lines, arrows, rectangles, circles, ellipses - filled and 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 QR code PDF 417 UPS MaxiCode GS1 DataBar Aztec Codablock F Micro PDF 17 RSS 14 truncated, limited, stacked, stacked omni-directional EAN/GS1 DataMatrix	
	All codes are variable as regards height, modular width and ratio; orientation 0°, 90°, 180°, 270° optional check digit, plain text printout and start/stop code depending on the type of code	

Software		
Label software	cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print	■ ■ ☐ ☐
Running also with	CODESOFT NiceLabel EASYLABEL BarTender	
Stand-alone operation		■
WHQL certified Windows printer drivers for	Windows Vista Windows 7 Windows 8 Windows 8.1 Windows 10 Server 2008 Server 2008 R2 Server 2012 Server 2012 R2 Server 2016	■
Apple Mac OS X printer drivers	from version 10.6	■
Linux printer drivers	from CUPS 1.2	■
Programming	Printer language JScript abc Basic Compiler	■ ■
Integration	SAP Database Connector	■ ■
Emulation	ZPL (Data stream has to be tested in advance.)	☐
Administration	Printer control Configuration in Intranet and Internet Network Manager	■ ■ ■

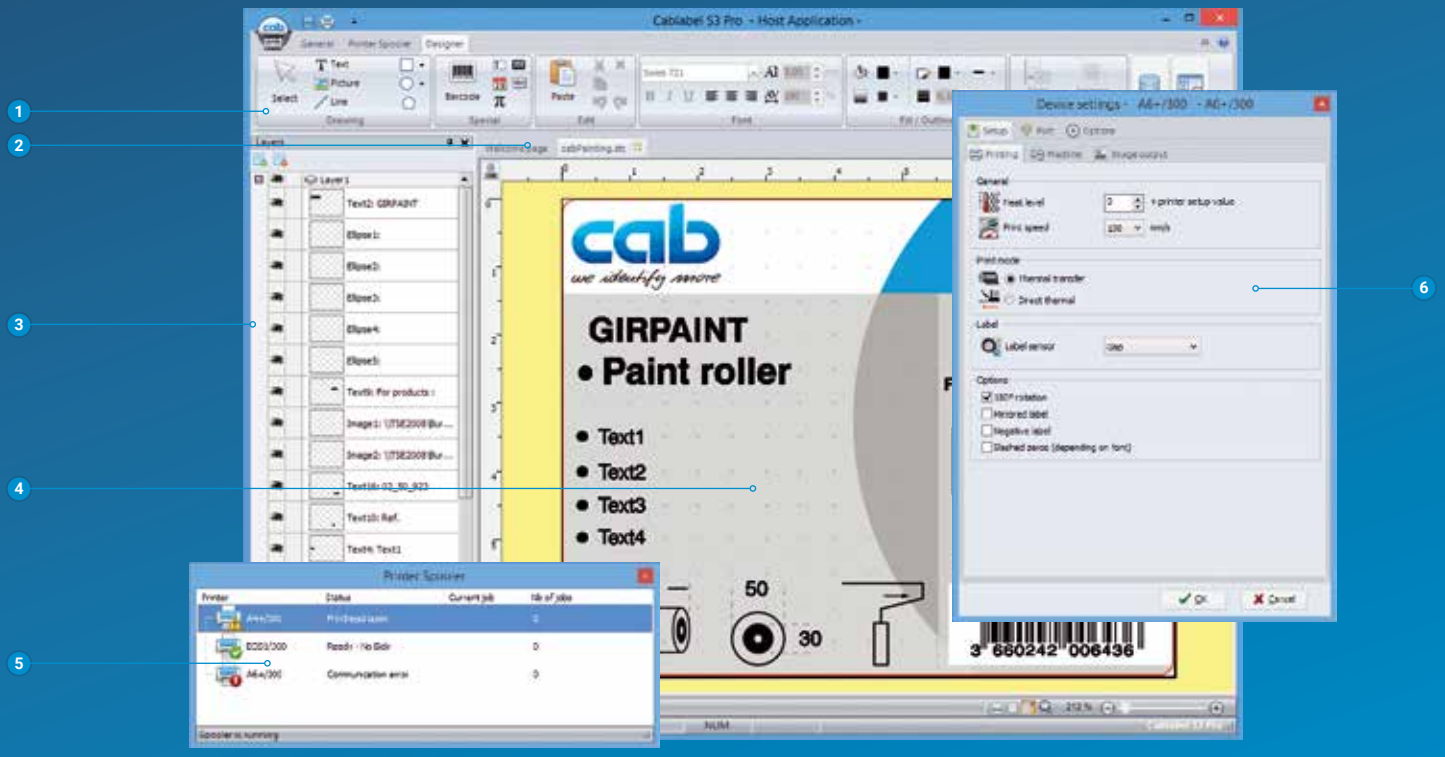
Label software cablabel S3

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 manage different label objects

4 **Designer**
Label display in WYSIWYG mode to simplify the design

5 **Printer spooler**
to monitor all print jobs and printer status

6 **Drivers**
to manage settings 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 systems. With the Database Connector, these data are recalled 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]
The 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

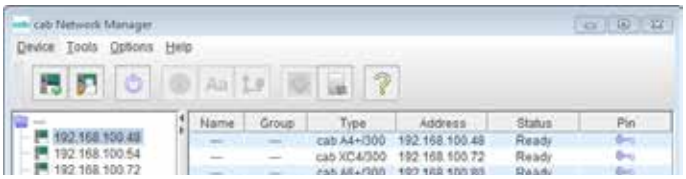
Printer Vendor Program
As a partner in SAP's[4] Printer Vendor Program cab has developed a replace method to enable easy control of a cab printer via SAPScript from SAP R/3. Only variable data are sent to the printer by the host. Pictures and fonts that priorly had been stored in the local memory (IFFS,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

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
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.

[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

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**
1.6	RFID HF 13.56 MHz	●	●	–	☐	☐	☐	○
1.7	RFID UHF 868/915 MHz	●	●	–	☐	☐	☐	○
1.8	Separator S400	●	–	–	–	–	–	☐
Extra equipment								
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 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac	●	●	☐	☐	☐	☐	☐
2.10	USB Bluetooth adapter	●	●	☐	☐	☐	☐	☐
2.11	Barcode tester for linear and 2D barcodes	●	●	☐	☐	☐	☐	–
Label dispensing								
2.12	Present sensor PS800	–	●	☐	☐	☐	–	–
2.13	Present sensor PS900	–	●	☐	☐	☐	☐	–
2.14	Prsenet sensor PS1000	–	●	–	–	–	☐	–
2.15	Extended peel-off plate DP410	–	●	☐	☐	☐	☐	–
2.16	Product sensor with reflector	–	●	☐	☐	☐	☐	–
Interfaces								
3.1	I/O interface	●	●	☐	☐	☐	☐	☐
3.2	I/O interface connector, SUB-D 25 pin	●	●	☐	☐	☐	☐	☐
3.3	Label selection - I/O box	●	●	☐	☐	☐	☐	☐
Connecting cable								
4.1	Connecting cable RS232 C, 9/9 pin, length 3 m	●	●	☐	☐	☐	☐	☐
Cutting, perforating, stacking								
5.1	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	–	●	☐	☐	–	☐	–
6.2	External rewinders ER204, ER206 from Q1/2018	●	○	–	☐	☐	○	○
6.3	External rewinders ER1/210, ER2/210	●	○	–	☐	☐	○	○
6.4	External rewinders ER304, ER306	●	○	–	☐	☐	○	○
6.5	External rewinders ER4/300, ER6/300	●	○	–	☐	☐	○	○
6.6	External unwinders EU4/300, EU6/300	●	○	–	☐	☐	☐	☐
6.7	Adapter kit for rewinders and unwinders[1)]	●	○	–	☐	☐	☐	☐
Applicators and demand modules								
7.1-7.5	Applicators S1000-220, -300, -400, S1001-220	–	●	☐	☐	☐	☐	–
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 covers and chassis								
9.1	Hinged cover for ESD sectors	●	●	☐	☐	☐	☐	☐
9.2	Hinged cover for the food industry	●	●	☐	☐	☐	☐	☐
9.3	Stainless steel chassis for the food industry	●	●	–	☐	○	☐	–
9.4	Dust protection chassis	●	●	–	☐	○	☐	–

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

Accessories

Extra equipment

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
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 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 dispensing

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** 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

3.1		**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.

Connecting cable

4.1		**Connecting cable RS232 C** 9/9 pin, length 3 m

Accessories

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			**CU2/400**	**CU4/400**		**CU6/400**
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		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		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		

6.2

External rewinders ER20x from Q1/2018
Until the start of delivery the external rewinders ER1/210, ER2/210 from the A+ printer series are provided.

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		**ER204**		**ER206**
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	205		
Tightening axle for core diameter	mm	76		
Winding		outside or inside		

6.4

External rewinders ER30x
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		**ER304**		**ER306**
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		
Tightening axle for core diameter	mm	76		
Winding		outside or inside		

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	390		
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

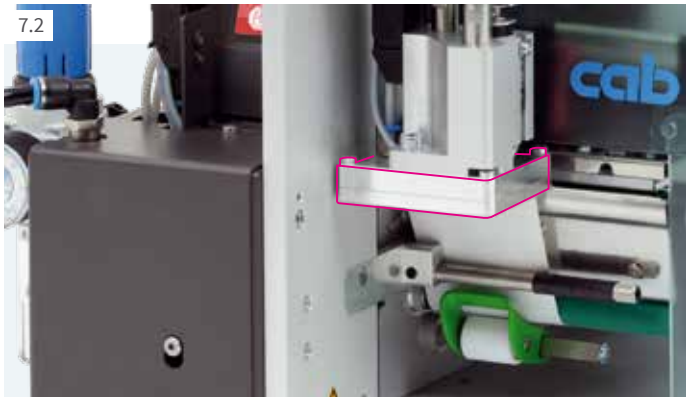
to check the labeling process. Pushing the button once means that the label is printed and taken over by the applicator. Pushing the button again starts the labeling process.

		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

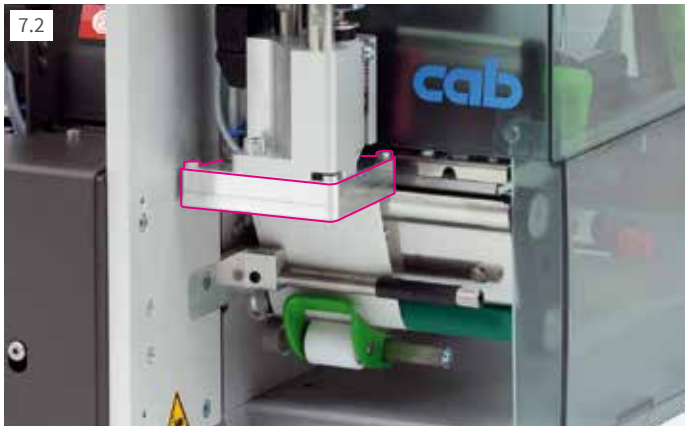


Universal pads

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

		Universal pad		
Technical data		**A1021**		**A1021**
Material guide		left-aligned, centered		
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		

Accessories Applicator S1000



Tamp pads

are manufactured according to the label size.

		Tamp pad			
Technical data		**A1021**			**M1021**
Material guide		left-aligned			centered
To be used with		**SQUIX 2**	**SQUIX 4.3 SQUIX 4**	**SQUIX 6.3**	**SQUIX 4.3 M SQUIX 4 M**
Label width	mm	25-63	25-116	50-176	25-110
Label height	mm	25-200			
Product surface		flat			
Product height		variable			
Product during labeling		not in motion			

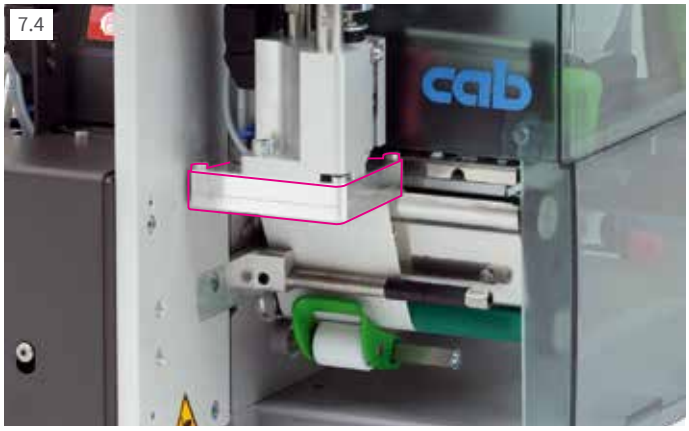
Universal pads spring-mounted

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

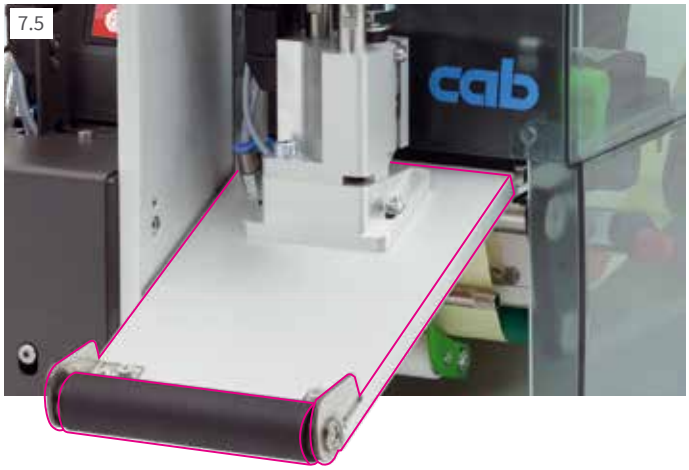
		Universal pad		Tamp pad		
Technical data		**A1321**	**A1321**	**A1321**		**M1321**
Material guide		left-aligned, centered		left-aligned		centered
To be used with		**SQUIX 4.3, 4**	**SQUIX 4.3, 4**	**SQUIX 4.3, 4**	**SQUIX 6.3**	**SQUIX 4.3 M, 4 M**
Label width	mm	25-116	25-116	25-116	50-176	25-116
Label 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**			**M2021**
Materialführung		left-aligned			centered
To be used with		**SQUIX 2**	**SQUIX 4.3, 4**	**SQUIX 6.3**	**SQUIX 4.3 M, 4 M**
Label width	mm	25-63	25-116	50-176	25-110
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**		**M1411**
Material guide		left-aligned		centered
To be used with		**SQUIX 4.3, 4**	**SQUIX 6.3**	**SQUIX 4.3 M, 4 M**
Label width	mm	25-116	50-176	25-110
Label height	mm	80-200		
Product surface		flat		
Product height		variable		
Product during labeling		in motion		

Applicator S3200

7.6

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
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**		**M3200-1100**	**A3200-2100**		**M3200-2100**
Material guide	left-aligned		centered	left-aligned		centered
To be used with	**SQUIX 2**	**SQUIX 4.3, 4**	**SQUIX 4.3 M, 4 M**	**SQUIX 2**	**SQUIX 4.3, 4**	**SQUIX 4.3 M, 4 M**
Label width mm	4-63	10-116	4-110	10-63	10-116	10-110
Label height mm	6-80			10-80		
Product surface	flat					
Product during labeling	not in motion			in motion or not in motion		

Demand modules

7.9

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**
Material guide	left-aligned	
Label width mm	25-116	50-176
Label height mm	25-200	
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**	
Material guide		left-aligned	left-aligned	centered
To be used with		**SQUIX 2**	**SQUIX 4.3,SQUIX 4 SQUIX 4.3 M, SQUIX 4 M**	
Label width	mm	25-63	25-116	25-110
Label height	mm	25-140		
Product diameter	mm	12-40		
Product surface		cylindric		
Product during labeling		in rotary motion		

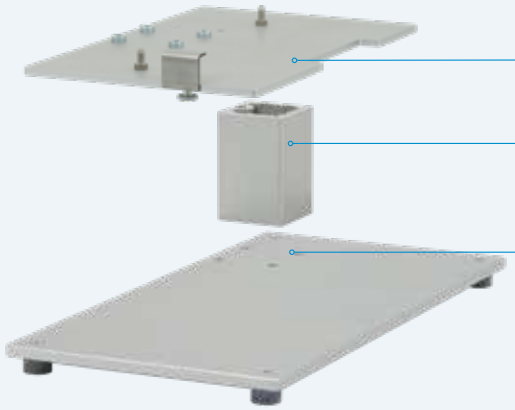
Recommended with all-around labeling in manual operation:
Applicator S1001-220 with a protective device
To prevent from injuries, the power of the stroke cylinder is reduced and the guides are covered.

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

9.1

Printers with an electrically conductive hinged cover for ESD sectors

Available for all printer types

To protect from electrostatic charge, the cover is made of a conductive plastic. The material is very solid due to the carbon fibers and complies with the ESD standard.

If requested, also the entire casing can be designed conductive.

ESD-capable 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

9.2

Printers with a detectable hinged cover for the food industry

Available for all printer types

The cover is magnetic so that splintered parts can be detected by metal detectors and x-ray inspection systems.

The blue surface serves to distinguish more effectively from food products.

If requested, also the entire casing can be designed 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 the food industry

Available for SQUIX 4 printers

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.

A heater including temperature and humidity control is an option.

Protection class IP69K according to EN 60529

9.4

Dust protection chassis for dusty surroundings

Available for SQUIX 4 printers

Labels are removed through the front opening.

The fan with the filter provides overpressure and prevents from dust entering the chassis.

Protection class IP52 according to EN 60529

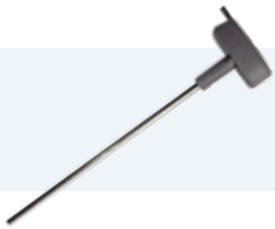
Maintenance

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 from Q1/2018	**5977384.001**	Print head 2	300	**5954102.001** **5954978.001**	Print roller DR2 Print roller DRS2
		5977031	Label printer SQUIX 2/600 from Q1/2018	**5977385.001**	Print head 2	600		
		5977032	Label printer SQUIX 2/300P from Q1/2018	**5977384.001**	Print head 2	300	**5954102.001** **5954978.001**	Print roller DR2 Print roller DRS2
		5977033	Label printer SQUIX 2/600P from Q1/2018	**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	**5954180.001** **5954985.001**	Print roller DR4 Print roller DRS4
		5977015	Label printer SQUIX 4.3/300	**5977383.001**	Print head 4.3	300		
		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	**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
		5977019	Label printer SQUIX 4.3/300M	**5977383.001**	Print head 4.3	300		
		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
1.6		**5977xxx.102**	RFID HF printers in preparation Label printer SQUIX x/xxxM-RFID/HF Label printer SQUIX x/xxxMP-RFID/HF "x" - choose device from Pos. 1.2-1.5
1.7		**5977xxx.120**	RFID UHF printers in preparation Label printer SQUIX x/xxxM-RFID/UHF Label printer SQUIX x/xxxMP-RFID/UHF "x" - choose device from Pos. 1.2-1.5
1.8		**5977xxx.121**	Printers with a hinged cover for ESD sectors Label printer SQUIX x/xxx-ESD Label printer SQUIX x/xxxP-ESD "x" - choose device from Pos. 1.1-1.5
1.9		**5977xxx.122**	Printers with a hinged cover for the food industry Label printer SQUIX x/xxx-FOOD Label printer SQUIX x/xxxP-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 more than 20 languages Configuration manual DE/EN/FR Service manual DE/EN Spare parts list DE/EN Programming manual EN WHQL certified Windows printer drivers for Windows Vista — Server 2008 Windows 7 — Server 2008 R2 Windows 8 — Server 2012 Windows 8.1 — Server 2012 R2 Windows 10 — Server 2016 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.	Extra equipment
2.3		**5977339**	Antistatic brush
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 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.10		**5977732**	USB Bluetooth adapter
2.11		**5978911.597**	Barcode tester for linear and 2D barcodes
Pos.		**Part no.**	**Label dispensing**
2.12		**5977585**	Present sensor PS800
2.13		**5977538**	Present sensor PS900
2.14		**5977735**	Present sensor PS1000
2.15		**5978908**	Extended peel-off plate DP410
2.16		**5978909**	Product sensor with reflector
Pos.		**Part no.**	**Interfaces**
3.1		**5977767**	I/O interface
3.2		**5917651**	I/O interface connector SUB-D 25 pin
3.3		**5948205**	Label selection - I/O box
Pos.		**Part no.**	**Connecting cable**
4.1		**5550818**	Connecting cable RS232 C 9/9 pin, length 3 m
Pos.		**Part no.**	**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

x - user specific part no. following request

Pos.		Part no.	Label rewinding, unwinding
6.1		**5979031** **5978903**	Rewind guide plate RG200 Rewind guide plate RG400
6.2		**5978904** **5979074**	From Q1/2018: External rewinder ER204 External rewinder ER206
6.3		**5948102.597** **5943251.597**	External rewinder ER1/210 External rewinder ER2/210
6.4		**5978905** **5979075**	External rewinder ER304 External rewinder ER306
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** **5948170**	Adapter kit for EU4, EU6 Adapter kit for ER4, ER6 and EU4, EU6
Pos.		**Part no.**	**Applicators and demand modules**
7.1		**5976086** **5976087** **5976088** **5984830**	Applicator S1000-220 Applicator S1000-300 Applicator S1000-400 Applicator S1001-220
7.2		**5949072**	Universal pad A1021 70x60
		5949075	Universal pad A1021 90x90
		59xxxxx **5977xxx**	Tamp pad A1021 WxH Tamp pad M1021 WxH
7.3		**5949076**	Universal pad A1321 116x102
		5949077	Universal pad A1321 116x152
		59xxxxx **5977xxx**	Tamp pad A1321 WxH Tamp pad M1321 WxH
7.4		**59xxxxx** **5977xxx**	Blow pad A2021 WxH Blow pad M2021 WxH
7.5		**59xxxxx** **5977xxx**	Roll-on pad A1411 WxH Roll-on pad M1411 WxH

x - user specific part no. following request

Delivery program accessories

Pos.		Part no.	Applicators and demand modules
7.6		**5976085**	Applicator S3200
7.7		**59xxxxx** **5977xxx**	Tamp pad A3200-1100 WxH Tamp pad M3200-1100 WxH
7.8		**59xxxxx** **5977xxx**	Blow pad A3200-2100 WxH Blow pad M3200-2100 WxH
7.9		**5976083** **5979035**	Demand module S5104 Demand module S5106
7.10		**5976084**	All-around labeler

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
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 and protection chassis
9.1		**5977771.001** **5977763.001** **5977772.001**	Hinged cover for ESD sectors for SQUIX 2 for SQUIX 4 for SQUIX 6
9.2		**5977773.001** **5977764.001** **5977774.001**	Hinged cover for the food industry for SQUIX 2 for SQUIX 4 for SQUIX 6
9.3		**5979071** **5979071.123**	Stainless steel chassis for SQUIX 4 for the food industry Stainless steel chassis for SQUIX 4 with heater, temperature and humidity control
9.4		**5979080**	Dust protection chassis for SQUIX 4

x - user specific part no. following request

Pos.		Part no.	Label software
11.7		**5588000** **5588001** **5588100** **5588101** **5588150** **5588151** **5588152** **5588002** **5588105** **5588106** **5588155** **5588156** **5588157** in preparation	cablabel S3 Lite 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 EOS1
Desktop device for label rolls
up to diameter 152 mm

Label printers EOS4
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
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+
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

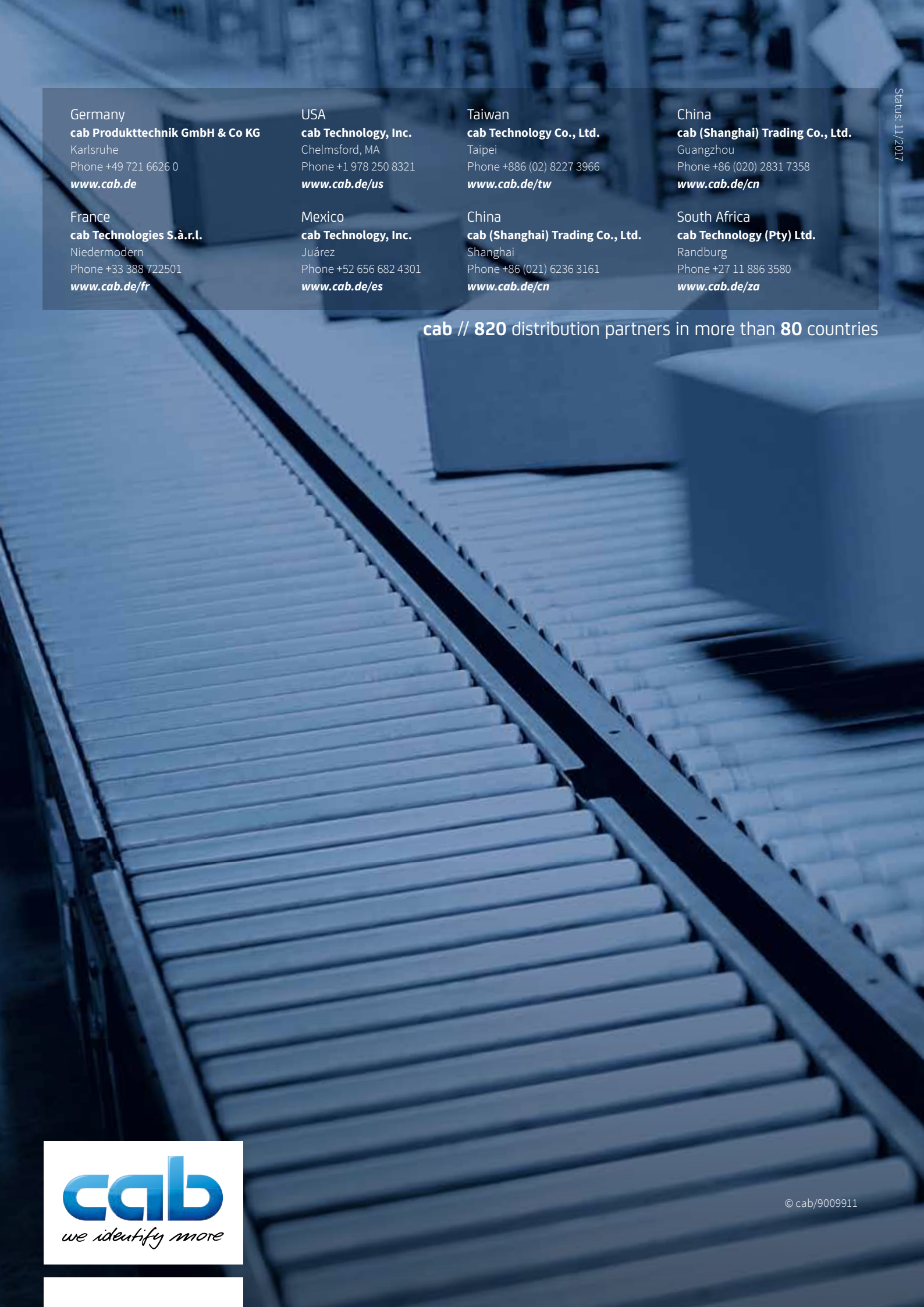
Label software cablabel S3
Design, print, control

Label dispensers HS, VS
for horizontal or vertical dispense

Labeling heads IXOR
to be integrated in labeling machines

Marking lasers FL+
with output powers 10 to 50 Watt

Laser marking systems
for industrial solutions



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