Labels·tek
LABELING SOLUTIONS

Products need labeling

Label printers
for industrial applications

SQUIX
Made in Germany

Contents

For current data see also the Internet:
www.cab.de/en/squix

Key features

SQUIX
Label printers for industrial applications

They are for use in a wide range of applications.

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

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

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

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

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

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

Sample applications

PCB labeling

Type plate labeling

Cardboard and pallet labeling

Label printers with left-aligned material guidance
designed for printing in different print widths on various materials

1.1, 1.2

Slim ones
to print small labels

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

1.3, 1.4

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

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

Basic devices may be provided with an integral cutter.

1.5, 1.6

Wide ones
to print Odette, UCC and GS1 labels in logistics applications

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

Basic device
providing a tear-off plate

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

Peel-off device
providing a rewinder internally

Peeling off labels is a feature added to a basic version. Labels are separated from the liner after printing to be removed by hand or by an applicator.

The extra wide one
to print pallet or barrel labels

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

For further information on the A8+ see **www.cab.de/en/a8plus**

Label printer with left-aligned material guidance
as a peel-off device providing a rewinder internally

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

❶ Hinged cover

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

❷ Plungers

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

❸ Rugged metal chassis

made of cast aluminum to assemble all the units

❹ Coated print rollers

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

❺ Peel-off function

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

❻ Peripheral port

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

❼ Ribbon holder

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

❽ Roll holder

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

❾ Internal rewinder

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

❿ Rocker

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

⓫ Material guide

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

Print image accuracy

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

Label printers with centered material guidance

1.7, 1.8

basic device

peel-off device

Precise and flexible ones

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

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

Differences to left-aligned material guidance

❶ Ribbon holder

A preprinted ruler simplifies setting a ribbon.

❷ Plungers

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

❸ Roll holder

By applying the margin stop, a roll centers automatically
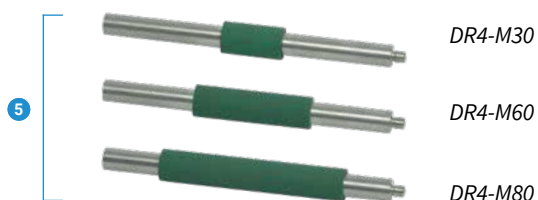
❹ Material guide

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

❺ Slim print rollers

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

Synthetic rubber coating

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

DR4-M30

DR4-M60

DR4-M80

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

1.9

basic device

To print textile applications

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

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

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

Differences to left-aligned material guidance

❶ Ribbon holder
A preprinted ruller simplifies setting a ribbon.

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

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

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

❺ Roll holder
By applying the margin stop,
a roll centers automatically

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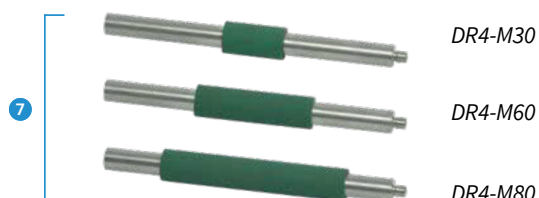Material widths are set with the help of a spindle

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

Synthetic rubber coating

*Label printer SQUIX 4 MT
providing a built-on separator*

DR4-M30

DR4-M60

DR4-M80

Operation panel

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

1 LED: Power ON

2 Status bar: reception of data, record data stream, pre-warning to a ribbon ending,
SD memory card / USB memory stick plugged, Bluetooth, WLAN, Ethernet, USB slave, time

3 Printer status: ready, pause, number of labels printed in a print job,
label in peel-off position, external start signal awaited

4 USB port to plug a service key or a memory stick, to transfer data to the IFFS memory

5 Operation

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

	Jump to menu		Stop and delete all print jobs	‖	Interrupt and continue print job
	Reprint last label		Label feed		
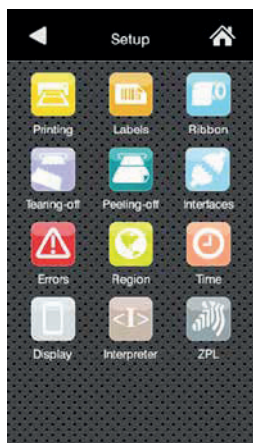
Setup options
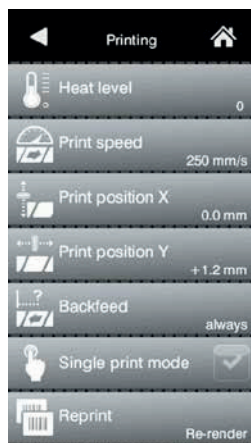
Printing parameters
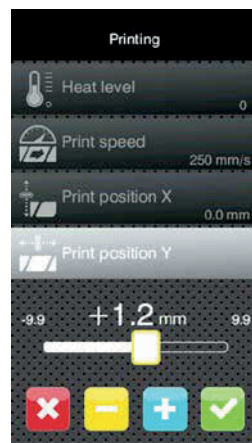
Print positions Y
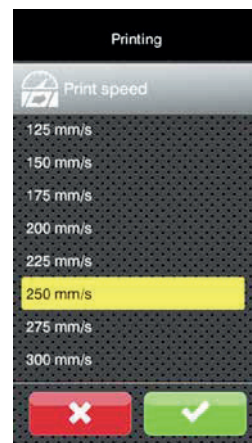
Print speeds

Video tutorials

External operation panel

If the operation panel of a printer cannot be accessed,
an additional external one can be plugged.

Same functionality as on the printer

Landscape or portrait mode

Operability as desired on the external operation panel or on the printer

Printer connectivity: USB 2.0 Hi-Speed device

1 LED: Power ON

2 USB port to plug a service key or a memory stick,
to transfer data to the IFFS memory

3 Connecting USB cable for power supply
cab provides specified cables. Lengths are 1.8 m to 16 m.

Print heads

2.1

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

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

Print heads provided for SQUIX 2, SQUIX 4 - 300, 600 dpi

to print sharp-edge images
to print small fonts and graphics on typeplates
to print on materials that imply high energy needs

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

Print rollers

2.2, 2.5

Two materials:

Print rollers DR
Synthetic rubber coating
highly accurate print images, provided as standard

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

Interfaces

❶ Slot to plug a **SD memory card**

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

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

❹ **Ethernet 10/100 Mbit/s**

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

Option
❻ **Digital I/O interface**
Printing is triggered by a PLC, a sensor or with the help
of a hand switch. Status and error reports are displayed.

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

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

PNP inputs	PNP, NPN outputs
Start printing or labeling	Device ready
Print first label	Print data available
Reprint	Initial / upper end position
Delete print job	Paper feed ON
Label removed	Label in peel-off position
Stop printing or labeling	Label transfer / lower end position
Pause	Pre-warning to ribbon ending
Reset	Collective error

Technical data

● typical   ○ possible   ■ standard   □ option

Label printer — Type			SQUIX 2 (1.1, 1.2)	SQUIX 4.3 (1.3, 1.4)	SQUIX 4 (1.3, 1.4)	SQUIX 6.3 (1.5, 1.6)	SQUIX 4.3 M (1.7, 1.8)	SQUIX 4 M (1.7, 1.8)	SQUIX 4.3MT (1.9)	SQUIX 4 MT (1.9)
Material guidance			left-aligned	left-aligned	left-aligned	left-aligned	centered	centered	centered	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	300 / 300	300 / 150	250 / 250	300 / 300	300 / 300	300	300 / 150
Print width		up to mm	56.9 / 54.1	104 / 108.4	105.7 / 105.7	168 / 162.6	104 / 108.4	105.7 / 105.7	108.4	105.7 / 105.7
Initial print	Distance to locating edge	mm	2	2.8 / 1.2	2	0.5 / 3.2	centered	centered	centered	centered
Material [1]										
Paper, cardboard, plastics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec			●	●	●	●	●	●	●	●
Shrink tube	ready for use		–	○	○	○	●	●	○	○
	continuous, pressed		–	–	–	–	●	●	○	○
Textile tape			–	–	–	–	○	○	●	●
Packing	wound on a roll, fanfold		●	●	●	●	●	●	●	●
	wound on a reel		–	–	–	–	●	●	●	●
	Roll diameter	up to mm	205	205	205	205	205	205	205	205
	Core diameter	mm	38.1 - 76	38.1 - 76	38.1 - 76	38.1 - 76	38.1 - 76	38.1 - 76	38.1 - 76	38.1 - 76
	Winding		outside or inside							
Labels	Width	mm	4 - 63	20 - 116	20 - 116	46 - 176	4 - 110	4 - 110	4 - 110	4 - 110
	Height no label backfeed [2]	from mm	4	4	4	6	3	3	4	4
	label backfeed [2]	from mm	4	6	6	12	4	4	6	6
	label backfeed peel-off	from mm	6	6	6	12	6	6	–	–
	Thickness	mm	0.03 - 0.6							
Liner	Width	mm	24 - 67	24 - 120	24 - 120	50 - 180	9 - 114	9 - 114	9 - 114	9 - 114
	Thickness	mm	0.03 - 0.16							
Continuous material	Width	mm	24 - 67	24 - 120	24 - 120	50 - 180	9 - 114	9 - 114	9 - 114	9 - 114
	Thickness	mm	0.05 - 0.5							
	Weight (cardboard)	up to g/m²	300							
Shrink tube	Width ready for use	up to mm	–	120	120	–	114	114	114	114
	continuous, pressed	mm	–	–	–	–	4 - 85	4 - 85	4 - 85	4 - 85
	Thickness	up to mm	–	1.1	1.1	–	1.1	1.1	1.1	1.1
Ribbon [3]	Coating		outside or inside							
	Roll diameter	up to mm	90							
	Core diameter	mm	25.4							
	Length	up to m	600							
	Width	mm	25 - 67	25 - 114	25 - 114	50 - 170	25 - 114	25 - 114	25 - 114	25 - 114
Internal rewinder provided on peel-off devices										
Outside diameter		up to mm	142	142	142	142	142	142	–	–
Core diameter		mm	40	40	40	40	40	40	–	–
Winding			outside	outside	outside	outside	outside	outside	–	–
Printer dimensions and weights										
Width x Height x Depth		mm	200 x 288 x 460	252 x 288 x 460	252 x 288 x 460	312 x 288 x 460	252 x 288 x 460	252 x 288 x 460	252 x 288 x 460	252 x 288 x 460
Weight		kg	9	10	10	14	10	10	10	10
Label sensors to indicate positions										
Transmissive sensor		detecting	labels or punch marks and materials ending, print marks on translucent materials							
Reflective sensor	reflex from below or top	detecting	labels and materials ending, print marks on non-translucent materials							
Sensor distance	to locating edge left-aligned	mm	5 - 26	5 - 60	5 - 60	5 - 60	–	–	–	–
	from centre to locating edge centered	mm	–	–	–	–	0 - 55	0 - 55	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							
Port to plug a SD memory card (SDHC, SDXC)		up to GB	512							
Battery to indicate time and date, real-time clock			■							
Data memory when power turns off (e.g. serial numbers)			■							
Interfaces										
RS232-C 1,200 to 230,400 baud / 8 bit			■							
USB 2.0 Hi-Speed device to connect a PC										
Ethernet 10/100 Mbit/s			LPD, RawIP printing, SOAP webservice, OPC UA, WebDAV DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC							
1 USB host on the operation panel	to plug a		service key, USB memory stick, USB WLAN stick, USB Bluetooth adapter							
2 USB hosts on the back of the device	to plug a		keyboard, barcode scanner, USB memory stick, USB WLAN stick, USB WLAN stick with a rod antenna, USB Bluetooth adapter, an external operation panel							
USB host, 24 VDC, to plug peripherals			■							
Digital I/O interface providing 8 inputs and outputs			□							

[1] Specifications are standard values. Applications with small or strongly adhesive labels have to be tested, so are thin, slim, thick or stiff materials.
[2] when labels are torn off, cut, rewound
[3] A ribbon should be at least as wide as the liner.

Technical data

■ standard □ option

Operating data		
Voltage		100 - 240 VAC, 50/60 Hz, PFC
Power consumption		< 10 W in standby / typical are 100 W
Temperature / humidity	Operation	+5 - 40°C / 10 - 85 %, not condensing
	Stock	0 - 60°C / 20 - 85 %, not condensing
	Transport	−25 - 60°C / 20 - 85 %, not condensing
Approvals		CE, FCC Class A, ICES-3, cULus, CB, CoC Mexico, CCC, EAC, BIS, BSMI, KC-Mark

Operation panel			
Colored LCD touch display	Screen diagonal	"	4.3
	Resolution Width x Height	px	272 x 480

Setup options	
Print	Region:
Labels	- Language
Ribbon	- Country
Tear-off	- Keyboard
Peal-off	- Time zone
Cut	Time
Apply	Display:
Interfaces	- Brightness
Error	- Power saving mode
	- Orientation
	Interpreter

Status bar	
Reception of data	Bluetooth
Record data stream	WLAN
Pre-warning to a ribbon ending	Ethernet
SD memory card plugged	USB slave
USB memory stick plugged	Time

Controls	
Ribbon winding	Print head voltage
Ribbon pre-warning	Print head temperature
Ribbon ending	Print head open
Material ending	Pinch roller open (peel-off device, separator)
	Peripheral error

Test routines		
System diagnostics	and print head detection at start up	
Display of information, test printout, analysis	Status printout	Test grid
	Fonts list	Label profile
	List of devices	List of events
	WLAN status	Monitor mode
Status reports	- Printout of printer settings such as print lengths and service hours so far - Device status request by software command - Display of network errors, links missing, barcode errors, peripheral errors, etc. on the operation panel	

Fonts		
provided internally	5 bitmap fonts:	7 vector fonts:
	12 x 12 dots	AR Heiti Medium GB-Mono
	16 x 16 dots	CG Triumvirate Cond. Bold
	16 x 32 dots	Garuda
	OCR-A	HanWangHeiLight
	OCR-B	Monospace 821
		Swiss 721
		Swiss 721 Bold
to store	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	Cyrillic
	Eastern European	Greek
	Chinese, simplified	Latin
	Chinese, traditional	Hebrew
	Thai	Arabic
Bitmap fonts	Widths and heights 1 - 3 mm Zoom factors 2 to 10 Orientations 0°, 90°, 180°, 270°	
Vector / TrueType fonts	Widths and heights 0.9 - 128 mm Continuous zoom Orientation 360° in steps of 1°	
Font styles	bold, italic, underlined, outline, inverse - depending from the font type	
Character spacing	variable or monospace	

Graphics	
Elements	lines, arrows, rectangles, circles, ellipses - filled and gradient
Formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG

Codes		
1D barcodes (linear)	Code 39, Code 93	Interleaved 2/5
	Code 39 Full ASCII	Ident and routing code
	Code 128 A, B, C	of Deutsche Post
	EAN 8, 13	Codabar
	EAN/UCC 128 / GS1-128	JAN 8, 13
	EAN/UPC Appendix 2	MSI
	EAN/UPC Appendix 5	Plessey
	FIM	Postnet
	HIBC	RSS 14
		UPC A, E, E0
2D and stacked codes	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 Dotcode RSS 14 truncated, limited, stacked, stacked omni-directional	
	All codes may vary in height, modular width and ratio.	
	Orientations 0°, 90°, 180°, 270°	
	Check digits, plain text printouts and start/stop codes are options depending from the type of code.	

Software			
Label software	cablabel S3 Lite		■
	cablabel S3 Viewer		■
	cablabel S3 Pro		□
	cablabel S3 Print		□
Running also with	CODESOFT NiceLabel BarTender		
Stand-alone operation			■
Windows printer drivers WHQL certified 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	from version 10.6		■
Linux printer drivers	from CUPS 1.2		■
Programming	JScript printer language		■
	abc Basic Compiler		■
	ZPL II (The datastream must be tested in advance.)		□
Integration	SAP		■
	Database Connector		■
Administration	Printer control		■
	Configuration in the Intranet and Internet		■

cab makes use of free and Open Source software in its products.
See information provided on **www.cab.de/opensource**

OPC UA

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

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

For further data see also the Internet:
www.cab.de/en/opcua

Label software

cablabel S3 - design, print, administrate

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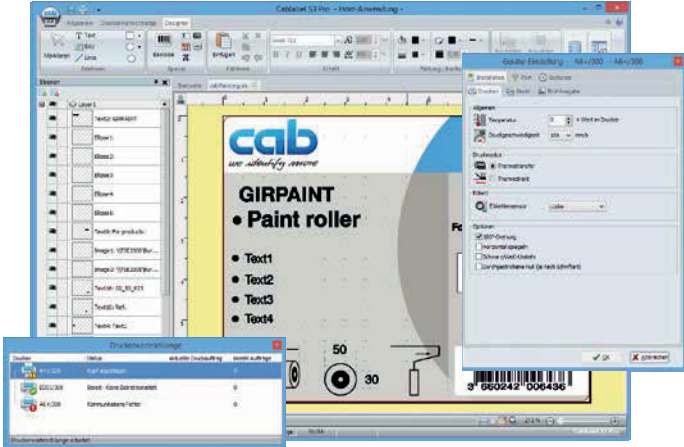
For further information see
www.cab.de/en/cablabel

Stand-alone printing

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

Printer control

Drivers

cab provides 32 / 64 bit drivers to control a printer
with software other than cablabel S3.
To run the drivers, operating systems need to be at least
Windows[1] Vista, Mac OS X[2)3)] 10.6 and Linux[3] CUPS 1.2.

Free download on **www.cab.de/en/support**

Programming

JScript

cab printers embed the JScript programming language.
Free manual download on **www.cab.de/en/programming**

abc Basic Compiler

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

Integration

Printer Vendor Program

cab as a partner in this program developed a replace
method to control cab printers from SAP[4] R/3 using SAPScript.
Only variable data are sent by a host system to a printer.
They unite on the printer with the images and fonts that have been
stored in the local memory (IFFS, memory card, etc.).

Printer administration

Configuration in the Intranet and Internet

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

Database Connector

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

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

Overview of accessories

● typical ○ possible ■ standard □ option

Pos.		Basic device	Peel-off device	1.1, 1.2 SQUIX 2	1.3, 1.4 SQUIX 4.3 SQUIX 4	1.5, 1.6 SQUIX 6.3	1.7, 1.8 SQUIX 4.3 M SQUIX 4 M	1.9 SQUIX 4.3 MT SQUIX 4 MT
2.4	Print rollers DR4-M30, -M60, -M80	●	●	–	–	–	□	□
2.5	Print roller DRS	●	●	□	□	□	□	□
2.6	External operation panel	●	●	□	□	□	□	□
	Connecting USB cable	●	●	□	□	□	□	□
2.7	Antistatic brush	●	●	□	□	□	□	■
2.8	Adapter 100	●	●	□	□	□	□	□
2.9	SD memory card	●	●	□	□	□	□	□
2.10	USB memory stick	●	●	□	□	□	□	□
2.11	USB WLAN stick	●	●	□	□	□	□	□
2.12	USB WLAN stick with a rod antenna	●	●	□	□	□	□	□
2.13	USB Bluetooth adapter	●	●	□	□	□	□	□
2.14	Scanner CC200-SQ	●	●	□	□	□	□	–
Peel-off								
2.15	Present sensor PS800	–	●	□	□	□	–	–
2.16	Present sensor PS900	–	●	□	□	□	□	–
2.17	Present sensor PS1000 MP	–	●	–	–	–	□	–
2.18	Extended peel-off plate DP410	–	●	□	□	□	□	–
2.19	Reflective product sensor	–	●	□	□	□	□	–
Interfaces, switches								
3.1	Digital I/O interface	●	●	□	□	□	□	□
3.2	I/O interface plug, SUB-D, 25 pins	●	●	□	□	□	□	□
3.3	Label selection - I/O box	●	●	□	□	□	□	□
3.4	Hand switch TR2	●	●	□	□	□	□	□
3.5	Foot switch	●	●	□	□	□	□	□
Connecting cable								
4.1	Connecting RS232-C cable	●	●	□	□	□	□	□
Cutting, perforation, stacking								
5.1	Cutter CU200, CU400, CU600	●	○	□	□	□	□	□
	tray included	●	○	–	■	–	■	–
5.2	Perforation cutters PCU400/2,5, PCU400/10	●	○	–	□	–	□	□
5.3	Stacker ST400 M providing a cutter and a base frame	●	○	–	–	–	□	□
5.4	Cutter CSQ 400 tray included	●	–	–	■ or □	–	■ or □	–
Rewinding, unwinding								
6.1	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	Kit to adapt a rewinder and/or unwinder	●	○	–	□	□	□	□
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	–	●	□	□	–	□	–
7.11	Tube applicator AXON 2	–	●	–	–	–	□	–
Assembly aids								
8.1	Mounting plate	–	●	□	□	–	□	–
8.2	Profiles 40, 80, 120 mm	–	●	□	□	–	□	–
8.3	Base plate 500 x 255 mm	–	●	□	□	–	□	–
8.4	Floor stand 1600	–	●	□	□	□	□	–
8.5	Printer retainer	–	●	□	□	–	□	–
Special covers								
9.1	providing an ESD surface	●	●	□	□	□	□	□
9.2	for use in food applications	●	●	□	□	□	□	□
Protective chassis								
9.3	Stainless steel chassis to protect in food applications	●	●	–	□	□	□	–
9.4	Chassis to protect from dust	●	●	–	□	□	□	–
	Chassis to protect in cleanroom applications	●	●	–	□	□	□	–

[1] designed for the A+ printer series, adapted to SQUIX; supplied until external rewinders ER20x will be available

Accessories

2.4	**Print roller DR4-M30** to process liners and continuous materials up to 30 mm wide **Print roller DR4-M60** to process liners and continuous materials up to 60 mm wide **Print roller DR4-M80** to process liner and continuous materials up to 80 mm wide Synthetic rubber coating for highly accurate print images
2.5	**Print roller DRS4** to process materials up to 120 mm wide Silicone coating for extra long service life at a higher print image tolerance
2.6	**External operation panel** If the operation panel of a printer cannot be accessed, an additional external one can be plugged. Same functionality as on the printer Landscape or portrait mode Operability as desired on the external operation panel or on the printer Printer connectivity: USB 2.0 Hi-Speed device cab provides specified **connecting USB cables** for power supply. Lengths are 1.8 m to 16 m.
2.7	**Antistatic brush** to dissipate electrostatic charge after printing, in particular if plastic materials are in use
2.8	**Adapter 100** to process label rolls having a core diameter of 100 mm and outside diameters succeeding 180 mm
2.9	**SD memory card**
2.10	**USB memory stick**
2.11	**USB-WLAN-Stick** 2.4 GHz 802.11b/g/n Hotspot or Infrastructure Mode
2.12	**USB WLAN stick with a rod antenna** providing extended ranges 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac Hotspot or Infrastructure Mode
2.13	**USB Bluetooth adapter**

2.15	**Present sensor PS800** for use with materials guided left-aligned Labels in peel-off position are detected. After a label has been removed, the next one is printed automatically. Label widths from 16 mm Label heights from 6 mm 7 mm distant from locating edge
2.16	**Present sensor PS900** for use with materials guided left-aligned or centered The moveable sensor in particular qualifies for detecting small or customized labels. After a label has been removed, the next one is printed automatically. Label widths from 4 mm Label heights from 6 mm Left-aligned: 12 - 60 mm distant from locating edge centered: position ibid.
2.17	**Present sensor PS1000 MP** for use with materials guided centered Labels in peel-off position are detected. After a label has been removed, the next one is printed automatically. Label widths from 4 mm Label heights from 6 mm centered position
2.18	**Extended peel-off plate DP410** to process labels that hardly separate from their liner due to a strong adhesive or very thick liner material. Use only if printing on demand has been triggered by the touch of a button or by a control signal. A present sensor cannot be used.
2.19	**Reflective product sensor** to detect products automatically on a conveyor
3.1	**Digital I/O interface** Labeling is triggered by a PLC, a sensor or with the help of a hand switch. Status and error reports are displayed.
3.2	**I/O interface plug,** SUB-D, 25 pins Clamping screws are provided to plug all the control signals to the I/O interface.
3.3	**Label selection - I/O box** 16 labels per box can be selected from a memory card by a superior control unit such as a PLC. Two boxes may be plugged. Using an I/O box, four inputs and outputs suffice to implement simple PLC processes via abc programming.
3.4	**Hand switch TR2** to plug to the digital I/O interface
3.5	**Foot switch** to plug to the digital I/O interface
4.1	**Connecting RS232-C cable** 9/9 pins, length 3 m

Cutting, verification, tube labeling

5.4

Cutter CSQ 400 provided for all basic SQUIX 4 devices
assembled to a printer (see delivery program Pos. 1.12/13) or accessorial on delivery.

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

By keeping in memory the number of cuts, wear can be controlled.

The CSQ 402 provides a more powerful engine and titanium-coated cutters. These guarantee highly performant cutting even through thick materials such as cardboard and shrink tubes, as well as through self-adhesive materials.

Cutter			CSQ 401	CSQ 402
To be used with			all basic SQUIX 4 devices	
Material	Width	up to mm	120	120
	Weight of cardboard up to gr/m²		200	300
	Thickness	mm	0.7	1.1
Cut length		from mm	10	10
Tray to collect materials length		up to mm	100	100
Material passage		up to mm	2.5	2.5
Cycle performance cuts/min with material 1 mm high, no backfeed			120	200
Service life motor no. of cuts		up to	2 mio.	5 mio.
	cutter no. of cuts	up to	1* mio.	2* mio.
Controls			cutter has not reached final position, cover removed from cutter	

*depending from the material

2.14

Scanner CC200-SQ to detect linear 1D barcodes, 2D and stacked codes

A camera checks a code printed on a label in horizontal or vertical direction in terms of legibility or content. In the case of a bad coding, printing stops and the label can be removed by hand. Retracting such labels after stopping and identifying them by blackening is another printer option.

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

For further information see assembly instructions on **www.cab.de/en/cc200**

Scanner		CC200-SQ
To be used with		all SQUIX printers
Scan distance	mm	45 - 150
Scan angle	°	-15 to +15
Number of codes on a label		1
Controls	GOODBAD	check of legibility
	VERIFY	check of legibility and results compared with initial data

7.11

Applicator AXON 2 to label tubes of diameters 10 to 22 mm, or 7 to 16 mm. See AXON catalog

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

For information on the tube labeling system AXON 2 see **www.cab.de/en/axon-2**

Tube applicator			AXON 2
To be used with			SQUIX 4.3 MP, SQUIX 4 MP
Tubes	Diameter	mm	10 - 22
	Length including cap	mm	25 - 120
	Conicity	up to %	0.8
Labels	Materials		paper, plastics such as PET, PP
	Width	mm	5 - 56
	Height	from mm	12
Liner	Width	up to mm	60
Controls			applicator pivoted, tube missing, wrong tube diameter

Cutting, perforation, stacking

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

Tray to collect a maximum of approx. 50 labels

Cutter		CU200	CU400		CU600
To be used with		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 of cardboard	gr/m²		60 - 300		
Thickness	mm		0.05 - 1.1		
Cut length	from mm		5		
Material passage	up to mm		2.5		
Cycle performance cuts/min with material 1 mm high, no backfeed			100		
Stop printing if			cutter has not reached final position		
Tray					
Label height	up to mm	-	100		-

Perforation cutters PCU400
perforate continuous materials such as textile tapes or shrink tubes to simplify separation by hand. Cutting the material is also possible.

Perforation cutter		PCU400/2,5	PCU400/10
To be used with		SQUIX 4.3, SQUIX 4, SQUIX 4.3 M, SQUIX 4 M, SQUIX 4.3 MT, SQUIX 4 MT	
Perforation Web spacing	mm	2.5	10
Web width	mm	0.5	
Material Width	up to mm	85	
Weight of cardboard	gr/m²	60 - 300	
Thickness	mm	0.05 - 1.1	
Cut length	from mm	5	
Material passage	from mm	2.5	
Cycle performance cuts/min with material 1 mm high, no backfeed		100	
Stop printing if		cutter has not reached final position	

Stacker ST400 M providing a cutter

❶ Printed materials are cut and collected. As soon as stacking has reached its maximum height, printing interrupts. Limitations may occur with stiff or curved materials. We recommend to have such applications tested by cab.

❷ Devices can be set anywhere on a table with the help of a base frame.

Stacker providing a cutter		ST400 M
To be used with		SQUIX 4.3 M, SQUIX 4 M SQUIX 4.3 MT, SQUIX 4 MT
Material Width	mm	20 - 100
Weight of cardboard	gr/m²	60 - 300
Thickness	mm	0.05 - 0.8
Cut length	mm	20 - 150
Material passage	up to mm	1.2
Cycle performance cuts/min with material 1 mm high, no backfeed		100
Stop printing if		cutter has not reached final position, paper jam, stacker cover open, stacking has reached maximum height
Stacking height	up to mm	100

Support table - label W x H
The table and the protective cover adapt to the label size.
To be requested individually

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

6.1

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

Guide plate		RG200	RG400	
	To be used with	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 core diameters of mm		38.1 - 40	
	Winding		outside	

6.3

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

SQUIX M:
An adapted roll holder is recommended when processing slim materials.

External rewinder		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 diameter	up to mm	205	
Tightening axle core diameters of	mm	76	
Winding		outside or inside	

6.5

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

External rewinder		ER4/300	ER6/300
To be used with		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 core diameters of	mm	76	
Winding		outside or inside	
Kit to adapt			
ER4, ER6 to a SQUIX printer			
ER4, ER6 and EU4, EU6 to a SQUIX printer			

6.7

External unwinders EU

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

6.6

External unwinder		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	up to mm	38.1		
	adapter included mm	76		
Winding		outside or inside		
Kit to adapt				
EU4, EU6 to a SQUIX printer				
ER4, ER6 and EU4, EU6 to a SQUIX printer				

6.7

Applicator S1000

7.1

Labeling in real time

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

1 Long service life
The ball bearing guide bars are low-wear.

2 Products of different heights
can be labeled by means of a stroke cylinder. Various stroke lengths are provided.

3 Compressed air regulation unit
Micro filters prevent from contamination. Regulating the pressure ensures a permanent good labeling quality.

4 Highly-reliable processes
The supporting air, intake air and stroke speed may be adapted. If sensitive products and packagings are in use, the pressing force can be reduced to less than 10 N (1 kg). To prevent intake ducts from contamination, they get purged after any labeling.

5 Label sizes
Labels 25 to 176 mm wide and 25 to 200 mm high can be applied.

6 Supporting air
to blow labels onto a pad

7 Pad
Labels are transferred to a pad and held there by vacuum. They move towards a product uby means of a stroke cylinder.

Pre-dispense button

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

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

[1] calculated at a stroke of 100 mm below the device, with labels 100 mm high, at a print speed of 100 mm/s

Accessories

7.2
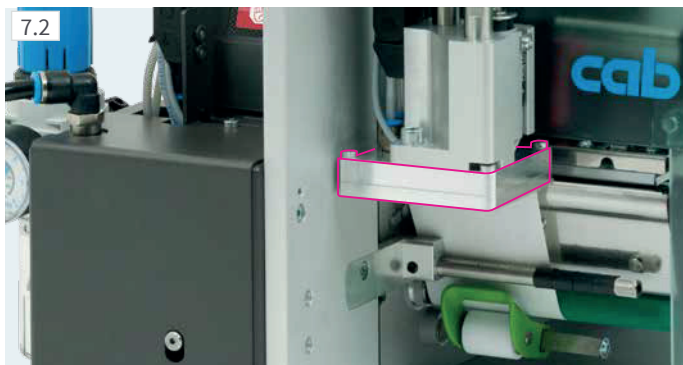
Universal pads

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

Universal pad		A1021		A1021
To be used with		SQUIX 2	SQUIX 4.3 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		various		
State of a product during labeling		at rest		

Applicator S1000 accessories
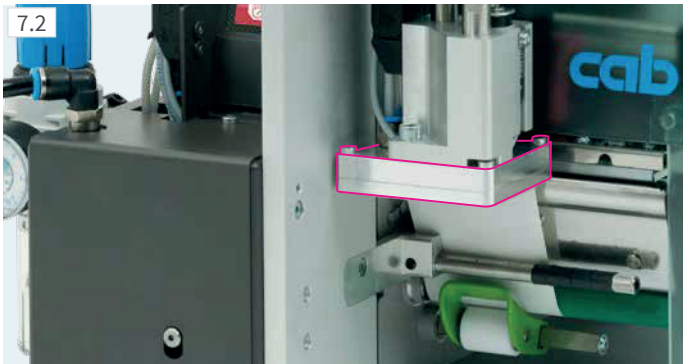
Tamp pads

are manufactured according to the size of a label.

Tamp pad	A1021		
To be used with	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	various		
State of a product during labeling	at rest		
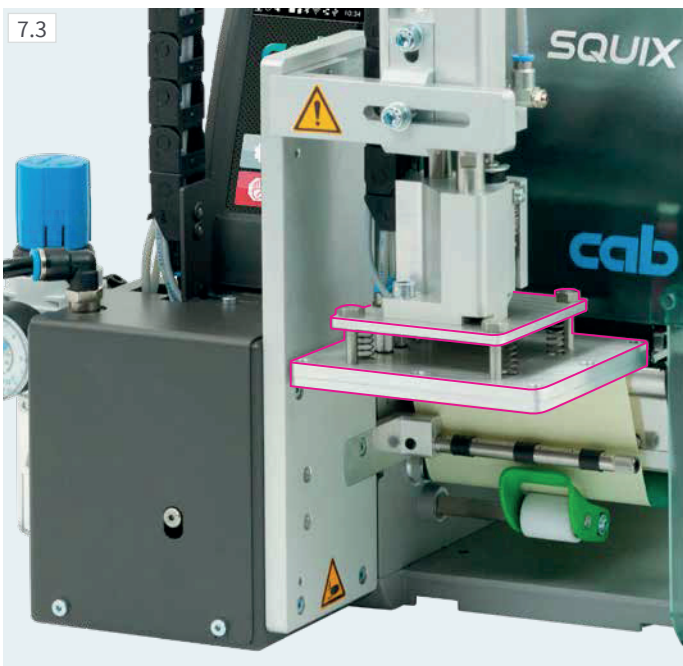
Universal pads, spring-mounted

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

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

Tamp pads, spring-mounted

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

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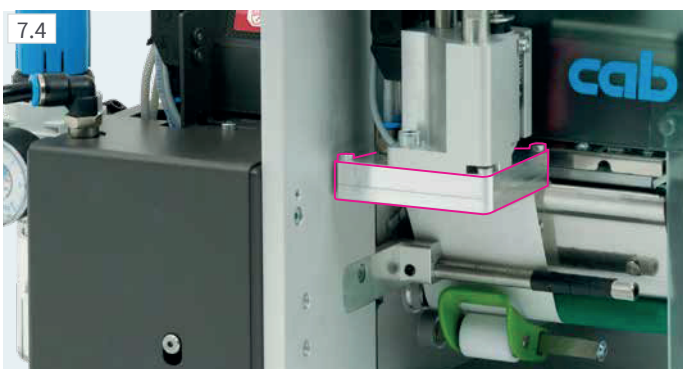
Blow pads

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

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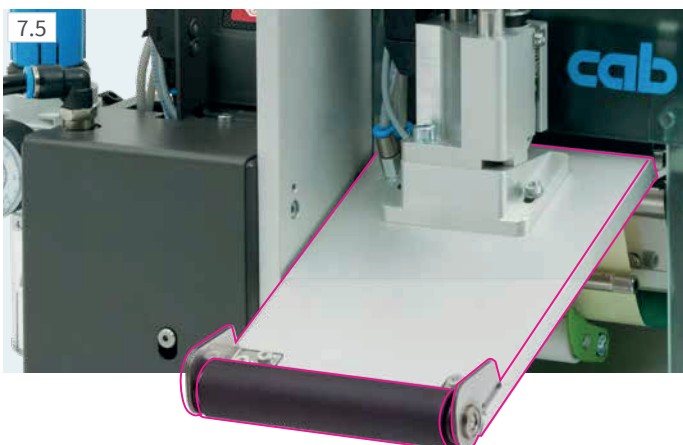
Roll-on pads

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

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

Applicator S3200
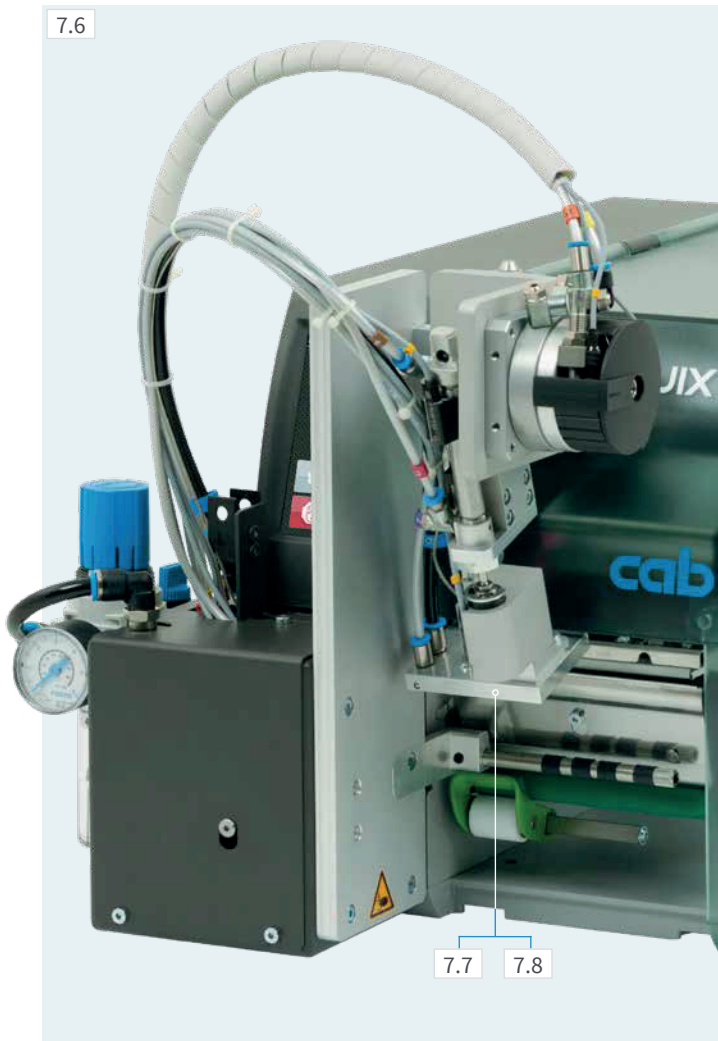
Labeling in real time

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

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

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

[1] calculated with labels 40 mm high, at a print speed of 100 mm/s

Tamp pads or blow pads

are manufactured according to the size of a label.

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

Demand modules

Demand modules S5104, S5106

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

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

[1] calculated with labels 100 mm high, at a print speed of 100 mm/s

All-around labeler

7.10

All-around labeler

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

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

Tamp pad		A1021	M1021
To be used with		**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	
State of a product during labeling		in rotary motion	

Assembly aids provided for SQUIX label printers

8.1

8.2

8.3
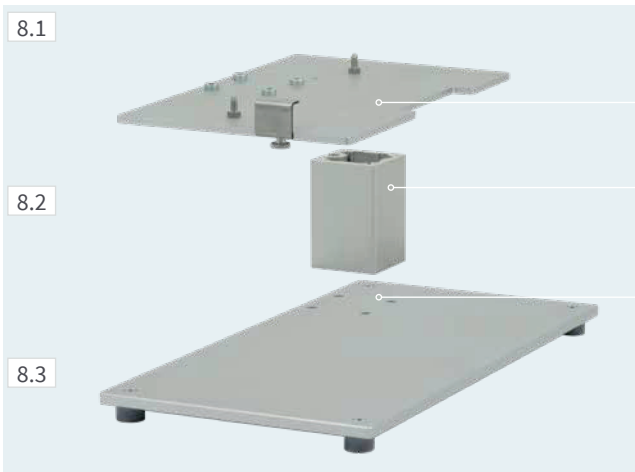
Mount

to assemble a labeling system and a product retainer

① Mounting plate

to assemble a labeling system

② Profile

aluminum square
40, 80, 120 mm; further lengths may be provided on request

③ Base plate

to assemble a product retainer
500 x 255 mm standard size

8.4

8.5

Floor stand

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

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

8.5

Printer retainer

to fix and quick-lock a label printer

Label printers providing special covers or protective chassis

1.10

Printers providing a conductive ESD surface
available for all printer types

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

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

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

1.11

Printers for use in food applications
available for all printer types

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

Blue color serves for optical differentiation from food.

The entire casing may be manufactured detectable on request.

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

9.3

Stainless steel chassis to protect in food applications
available for SQUIX 4 and SQUIX 6 printers

Labels are removed through the front.

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

Protection class IP69K according to EN 60529

9.4

Chassis to protect from dust
available for SQUIX 4 and SQUIX 6 printers

Labels are removed through the front.

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

Protection class IP52 according to EN 60529

Chassis providing a suction nozzle to protect in cleanroom applications
available for SQUIX 4 and SQUIX 6 printers

Maintenance

Label sensors
unlock by touch to be pulled out.

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

Print rollers
are quick and easy to remove using a screw.

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

Service

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

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

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

Trainings

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

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

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

Delivery program of label printers

Pos.	Part no.	Label printers with left-aligned material guidance
1.1	5977030 5977031	Label printer SQUIX 2/300 Label printer SQUIX 2/600
1.2	5977032 5977033	Label printer SQUIX 2/300P Label printer SQUIX 2/600P
1.3	5977014 5977015 5977001 5977002	Label printer SQUIX 4.3/200 Label printer SQUIX 4/300 Label printer SQUIX 4/600
1.4	5977016 5977017 5977004 5977005	Label printer SQUIX 4.3/200P Label printer SQUIX 4.3/300P Label printer SQUIX 4/300P Label printer SQUIX 4/600P
1.5	5977034 5977035	Label printer SQUIX 6.3/200 Label printer SQUIX 6.3/300
1.6	5977036 5977037	Label printer SQUIX 6.3/200P Label printer SQUIX 6.3/300P

Pos.	Part no.	Label printers with centered material guidance
1.7	5977018 5977019 5977010 5977011	Label printer SQUIX 4.3/200M Label printer SQUIX 4.3/300M Label printer SQUIX 4/300M Label printer SQUIX 4/600M
1.8	5977022 5977023 5977007 5977008	Label printer SQUIX 4.3/200MP Label printer SQUIX 4.3/300MP Label printer SQUIX 4/300MP Label printer SQUIX 4/600MP
1.9	5977024 5977012 5977025	Label printer SQUIX 4.3/300MT Label printer SQUIX 4/300MT Label printer SQUIX 4/600MT

Pos.	Part no.	Optional label printers
1.10	5977xxx.124	Printers providing an ESD surface Label printer SQUIX x/xxx-ESD
1.11	5977xxx.122	Printers for use in food applications Label printer SQUIX x/xxx-FOOD

x - user-specific part no. following request

Pos.	Part no.	Label printers with cutter CSQ
1.12	5977014.648 5977018.648 5977001.648 5977010.648 5977002.648 5977011.648	Label printer SQUIX 4.3/200-C1 Label printer SQUIX 4.3/200M-C1 Label printer SQUIX 4/300-C1 Label printer SQUIX 4/300M-C1 Label printer SQUIX 4/600-C1 Label printer SQUIX 4/600M-C1
1.13	5977014.649 5977018.649 5977001.649 5977010.649 5977002.649 5977011.649	Label printer SQUIX 4.3/200-C2 Label printer SQUIX 4.3/200M-C2 Label printer SQUIX 4/300-C2 Label printer SQUIX 4/300M-C2 Label printer SQUIX 4/600-C2 Label printer SQUIX 4/600M-C2

Scope of delivery

Label printer
Power cable type E+F, length 1.8 m
Connecting USB cable, length 1.8 m
Instructions DE/EN

Available online

Instructions in 30 languages
Configuration manuals DE/EN/FR
Service manuals DE/EN
Spare parts lists DE/EN
Programming manual EN
Windows printer drivers WHQL certified 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
cablabel S3 Lite software
cablabel S3 Viewer
Database Connector

https://setup.cab.de/en

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

Delivery program of accessories

Pos.		Part no.	
2.4		5953700.001	Print roller DR4-M30
		5953701.001	Print roller DR4-M60
		5953702.001	Print roller DR4-M80
2.5		5954978.001	Print roller DRS2
		5954985.001	Print roller DRS4
		5954979.001	Print roller DRS6
2.6		6010186	External operation panel
		5907718.850	Connecting USB cable, length 1.8 m
		5907730.850	Connecting USB cable, length 3 m
		5907750.850	Connecting USB cable, length 5 m
		5907760.850	Connecting USB cable, length 11 m
		5907765.850	Connecting USB cable, length 16 m
2.7		5977797	Antistatic brush 2"
		5977339	Antistatic brush 4" / 6"
2.8		5959622	Adapter 100
2.9		5977370	SD memory card
2.10		5977730	USB memory stick
2.11		5978912.001	USB WLAN stick 2.4 GHz 802.11b/g/n
2.12		5977731	USB WLAN stick with a rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.13		5977732	USB Bluetooth adapter
2.14		5977840	Scanner CC200-SQ

Pos.		Part no.	Peel-off
2.15		5977585	Present sensor PS800
2.16		5984482	Present sensor PS 2/900
		5977538	Present sensor PS 4/900
2.17		5977735	Present sensor PS1000 MP
2.18		5977798	Extended peel-off plate DP210
		5978908	Extended peel-off plate DP410
		5977799	Extended peel-off plate DP610
2.19		5978909	Reflective product sensor

Pos.		Part no.	Interfaces, switches
3.1		5977767	Digital I/O interface
3.2		5917651	I/O interface plug, SUB-D, 25 pins
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 RS232-C cable 9/9 pins, length 3 m

Pos.		Part no.	Cutting, perforation, stacking
5.1		5979032	Cutter CU200
		5978900	Cutter CU400 tray included
		5979033	Cutter CU600
5.2		5978901	Perforation cutter PCU400/2,5
		5978920	Perforation cutter PCU400/10
5.3		5978902	Stacker ST400 M providing a cutter and a base frame
		xxxxxxx	Base frame, label W x H
5.4		5984550	Cutter CSQ 401 tray included
		5984565	Cutter CSQ 402 tray included

Pos.		Part no.	Rewinding, unwinding
6.1		5979031	Guide plate RG200
		5978903	Guide plate RG400
6.3		5948102.597	External rewinder ER1/210
		5943251.597	External rewinder ER2/210
6.5		5946090	External rewinder ER4/300
		5946420	External rewinder ER6/300
6.6		5946091	External unwinder EU4/300
		5946421	External unwinder EU6/300
6.7		5978943	Kit to adapt ER4, ER6 and EU4, EU6

x - user-specific part no. following request

Delivery program of 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 up to 70 x 60
		5949075	Universal pad A1021 up to 90 x 90
		xxxxxxx	Tamp pad A1021 W x H
7.3		5949076	Universal pad A1321 up to 116 x 102
		5949077	Universal pad A1321 up to 116 x 152
		xxxxxxx	Tamp pad A1321 W x H
7.4		xxxxxxx	Blow pad A2021 W x H
7.5		xxxxxxx	Roll-on pad A1411 W x H
7.6		5976085	Applicator S3200
7.7		xxxxxxx	Tamp pad A3200-1100 W x H
7.8		xxxxxxx	Blow pad A3200-2100 W x H
7.9		5976083 5979035	Demand module S5104 Demand module S5106
7.10		5976084 5979089 5550999 8930933.001	All-around labeler Mount Cable to connect to a SQUIX printer Foot switch

7.11		5979509	Tube applicator AXON 2
			providing
			    a TRV transport roller
			    a tray
			    a peel-off plate 56

x - user specific part no. following request

Pos.		Part no.	Assembly aids
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 further lengths provided on request
8.3		5961203	Base plate 500 x 255
8.4		5947400	Floor stand 1600
8.5		5979037 5978922 5979038	Printer retainer SQUIX 2 Printer retainer SQUIX 4 Printer retainer SQUIX 6

Pos.		Part no.	Special covers
9.1		5977771.001 5977763.001 5977772.001	Hinged cover SQUIX 2-ESD Hinged cover SQUIX 4-ESD Hinged cover SQUIX 6-ESD
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.	Protective chassis
9.3		5979071 5979305	Stainless steel chassis SQUIX 4 Stainless steel chassis SQUIX 6
9.4		5979080 5979300 5979080.126 5979300.126	Chassis SQUIX 4 220 V to protect from dust Chassis SQUIX 6 220 V to protect from dust Chassis SQUIX 4 to protect in cleanroom applications Chassis SQUIX 6 to protect in cleanroom applications

Pos.		Part no.	Label software
11.7		Bundle 5588001 5588100 5588101 5588150 5588151 5588152 5588002 5588105 5588106 5588155 5588156 5588157 in preparation	cablabel S3 Lite (download on 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