

Edition 3.0



Contents

Industrial label printers with a left-aligned material guide	4-5
Label printers with a centered material guide	6-7
Operation panel8
RFID write/read module8
Print heads9
Print rollers9
Interfaces.9
Technical data	10-11
Label software cablabel S3	12
Printing in stand-alone operation	12
Printer drivers / integration / programming / administration	13
Accessories	14-17
Applicator S1000	18-19
Applicator S3200	20
Demand modules.	20
All-around labeler	21
Mounting equipment	21
Label printers with special covers or chassis	22
Maintenance / Services / Training	23
Delivery program.	24-27

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

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

Label printers for industrial applications



SQUIX printers are the further development of the successful A+ printer series.

SQUIX represents

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

The professional SQUIX label printers 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 print job processing and immediately provides the required label.

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

Labels up to A5 size



Industrial printers with a left-aligned material guide



The slim one

for small labels when little footprint is available

1.1	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



The universal one

The best-selling industrial device with a large number of accessories.

1.2	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



The wide one

for Odette and UCC labels in applications in logistics

1.3	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



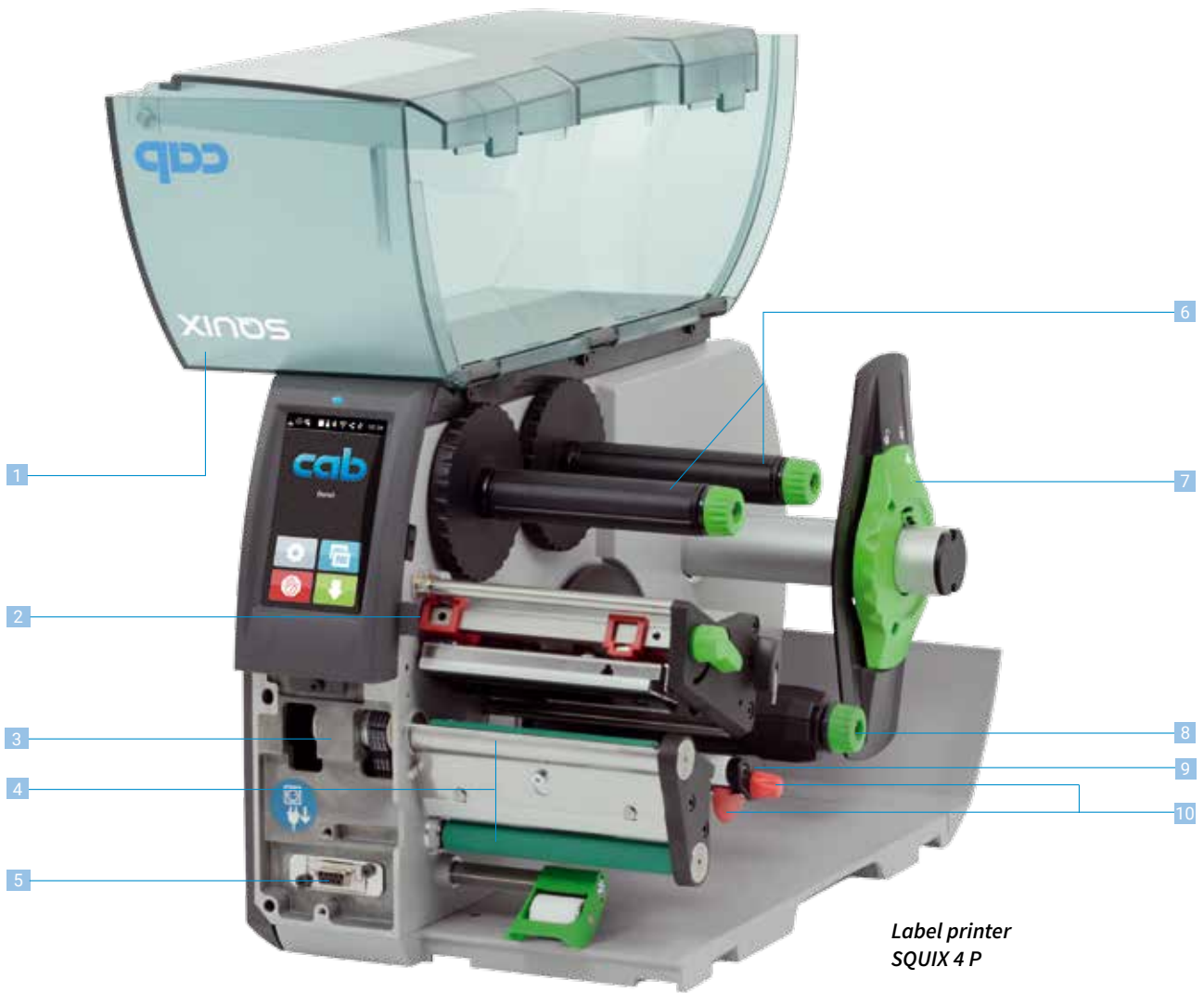
The extra wide one

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 with a centered material guide - M series



Basic version



Peel-off version P

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.

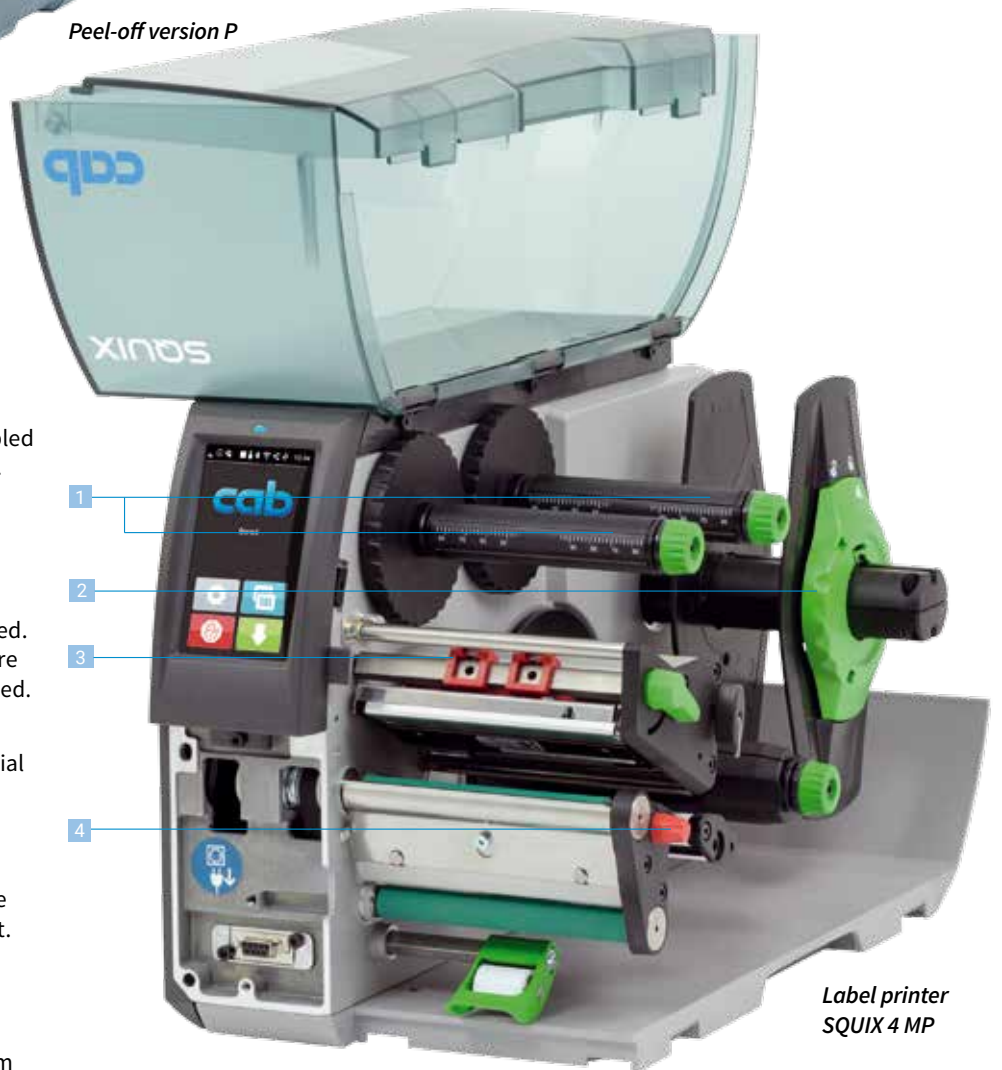
1.4	Label printer		SQUIX 4.3 M		SQUIX 4 M	
	Printable resolution	dpi	203	300	300	600
	Print speed	up to mm/s	250	250	300	150
	Print width	up to mm	104	108.4	105.7	105.7

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.

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



Label printer SQUIX 4 MP



Label printers with a centered material guide - MT series



Basic version

The textile printer

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

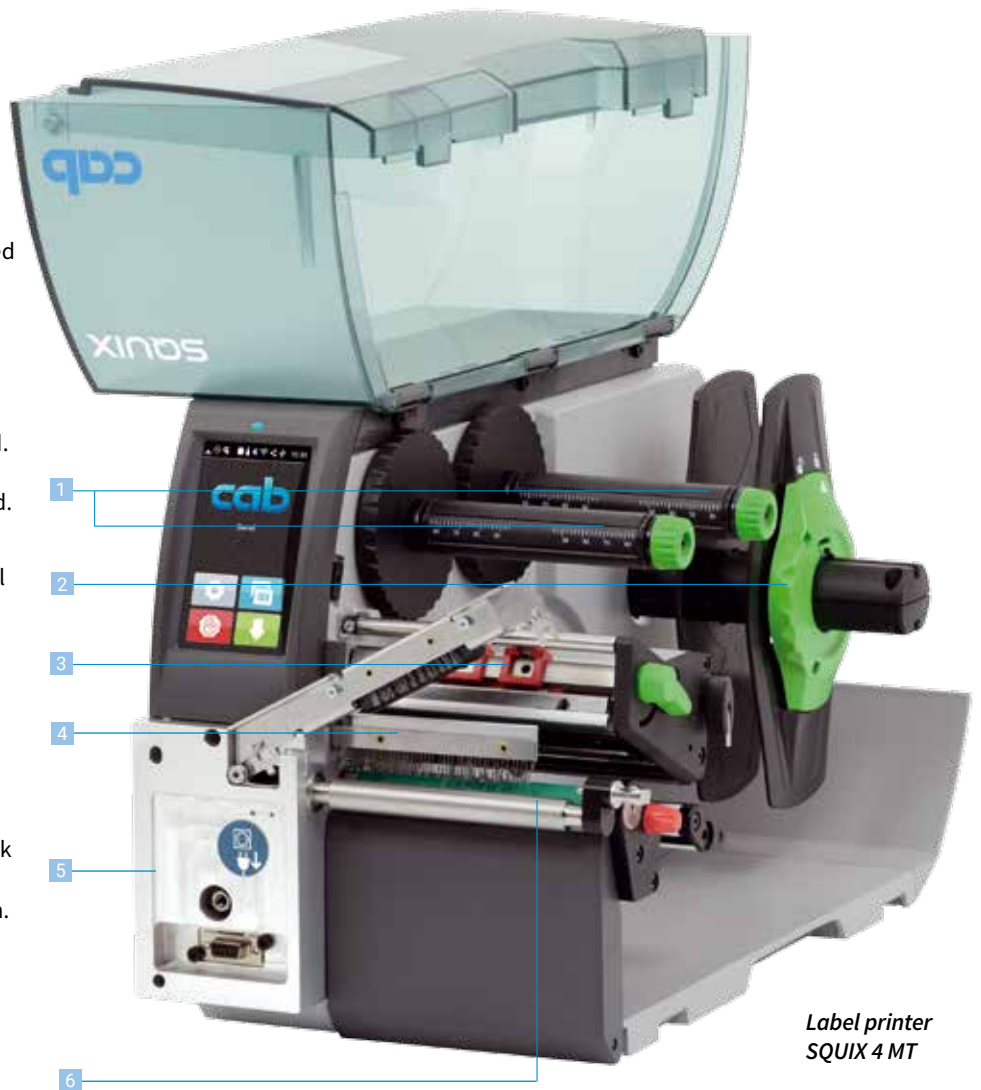
As regards the label width, no adjustment of the plungers is needed.

Width-adapted print rollers are provided for slim materials.

1.5	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



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



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



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
- 3 USB 2.0 Hi-Speed device to connect a PC
- 4 Ethernet 10/100 BASE-T
- 5 RS232-C 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
Start print and apply
Print first label
Reprint
Delete print job
Label dispensed
Interrupt labeling
Pause
Reset

Outputs PNP; NPN on request
Printer/periphery ready
Print job available
Applicator in initial position
Paper feed ON
Label in peel-off position
Applicator in apply position
Pre-warning to end of ribbon
Common error

Technical data

● Typical ○ Possible ■ Standard □ Option

		Pos.	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 guide			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	300	600
Print speed	up to mm/s		250	150	250	250	300	150	250	250	250	250	300	150	250	300	150	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	105.7	
Print start	Distance to locating edge	mm	2	2.8	1.2	2	0.5	3.2	Centered on material			Centered on material							
Material																			
Roll, fanfold	Paper, cardboard, PET, PE, PP, PI, PVC, acrylate, Tyvec		●			●			●			●						●	
	Smart Labels		-			●			●			●						○	
	Ready-for-use shrink tubes		-			○			○			●						○	
Roll, fanfold, reel	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	0.03-0.13																
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/m ²	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	up to mm	205																
	Core diameter	mm	38.1-100																
	Winding		Outside or inside																
Ribbon³⁾																			
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			50-165		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		Front edge of labels, punch marks or print marks in transparent materials and end of material																	
Reflective sensor from below or top for		Front edge of 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	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 extra item in the scope of delivery)																	
Interfaces																			
RS232-C 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, IPv6, RawIP printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, NTP, Zeroconf, SOAP web service																	
1 x USB host at the operation panel for		Service Key or USB memory stick																	
1 x USB host at the operation panel for		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.

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 0 - 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) WxH	272x480
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 ZPL
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, Monospace 821 are internally provided, TrueType fonts may be stored
Character sets	Windows 1250 to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, KOI8-R All 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 and 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 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	from version 10.6
Linux printer drivers	from CUPS 1.2
Programming	Printer language JScript abc Basic Compiler
Integration	SAP Database Connector
Emulation	ZPL
Administration	Printer control Configuration in Intranet and Internet Network Manager

Etikettensoftware cablabel S3



Three features are integrated:

- **Designing**
- **Printing**
- **Monitoring**

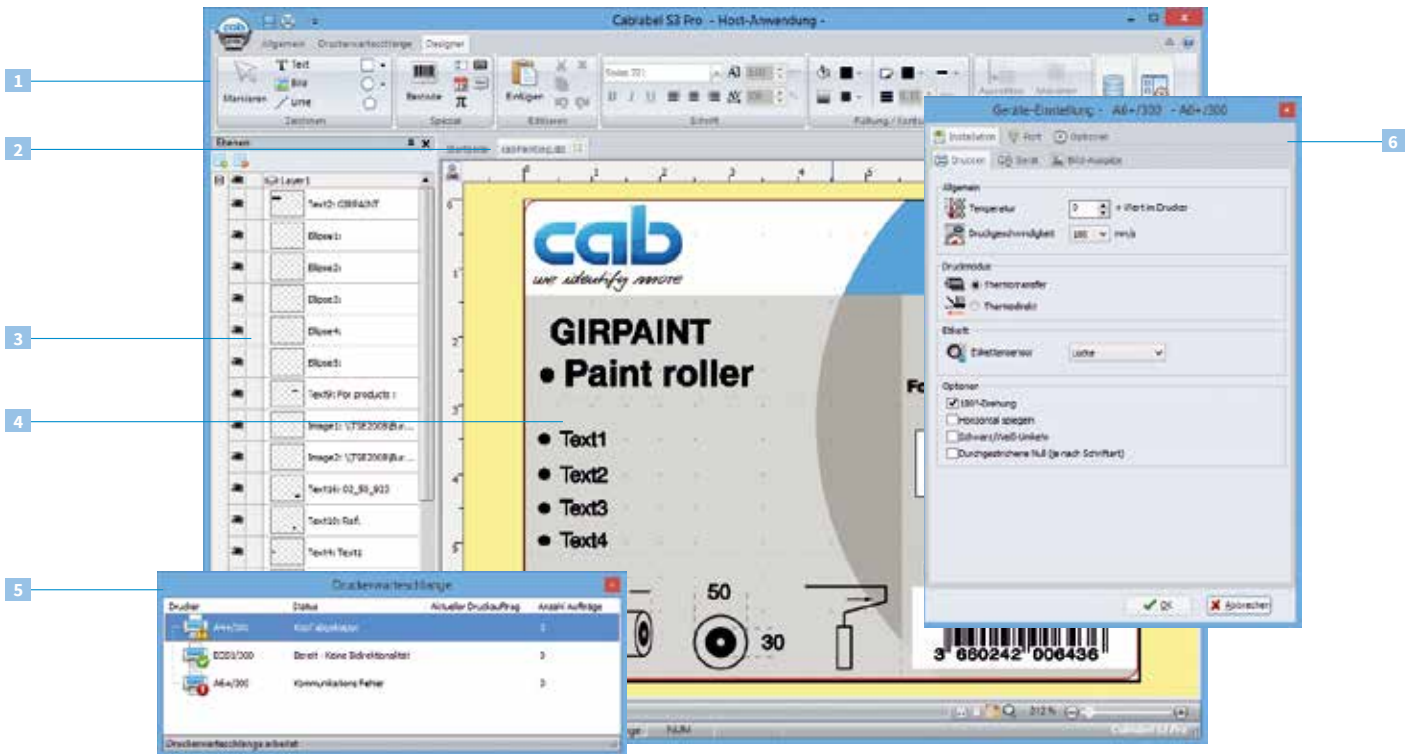
cablabel S3 opens up the full potential of cab devices. The intuitive user interface provides different data formats, mathematical or logic functions.

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.

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



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 saved or read on a memory card, a USB memory stick or the internal IFFS storage.

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



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.

Windows¹⁾ drivers
cab printer drivers are certified according to WHQL. They ensure optimum stability on the Windows operating system.

Mac OSX²⁾ drivers
cab provides CUPS-based printer drivers for Mac OS X applications.

Linux-Treiber
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's⁴⁾ 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.

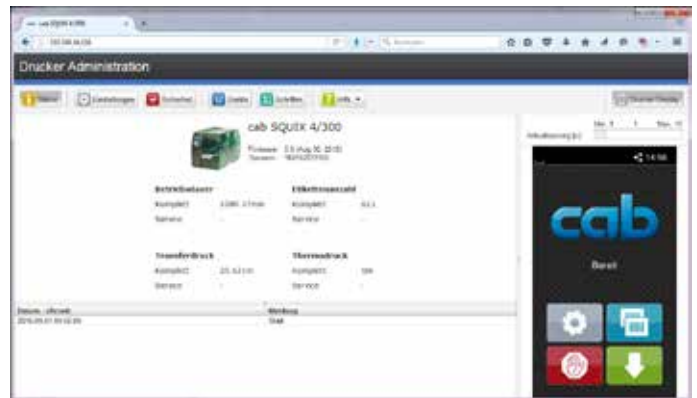
<p>Step 1</p> <p>Create a label and a replace file with cablabel S3</p>	<p>Step 2</p> <p>Use the replace file and replace the variable data in SAPScript</p>	<p>Step 3</p> <p>Printout from SAP</p>
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¹⁾ Windows is a registered trademark of Microsoft Corporation
²⁾ MAC OS X is a registered trademark of Apple Computer, Inc.
³⁾ in preparation
⁴⁾ SAP and all corresponding logos are trademarks or registered trademarks of SAP SE

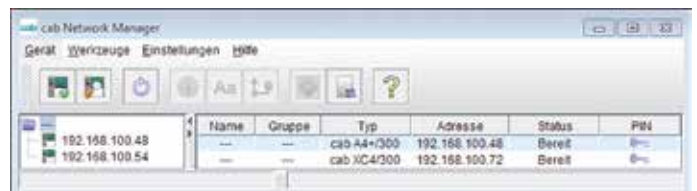
Printer administration

Configuration in Intranet and Internet
The HTTP and FTP server integrated in the printer via standard programs like a web browser or FTP clients allows printer control and configuration, firmware updates and memory card administration.

Via email or SNMP, the SNMP or SMTP client datagram sends status, warning and error messages to administrators and users. Time and date are synchronized by a time server.



Network Manager³⁾
It is possible to simultaneously manage several printers within the network. Control, configuration, firmware updates, memory card administration, data synchronization and PIN administration are supported from one single location.



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



Overview of accessories

● Typical ○ Possible ■ Standard □ Option









Pos.	Printer add-ons	Basic device	Pos. Peel-off device	1.1 SQUIX 2	1.2 SQUIX 4.3 SQUIX 4	1.3 SQUIX 6.3	1.4 SQUIX 4.3 M SQUIX 4 M	1.5 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	Present sensor PS1000	-	●	-	-	-	□	-
2.15	Extended peel-off plate DP410	-	●	□	□	□	□	-
2.16	Product sensor	-	●	□	□	□	□	-
Interfaces								
3.1	I/O interface	●	●	□	□	□	□	□
3.2	I/O interface connector, SUB-D 25 pin	●	●	□	□	□	□	□
3.3	Label selection - I/O box	●	●	□	□	□	□	□
Connecting cable								
4.1	Connecting cable RS232 C, 9/9 pin, length 3 m	●	●	□	□	□	□	□
Cutting, perforating, stacking								
5.1	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 in preparation	●	○	-	□	□	○	○
6.3	External rewinders ER1/210, ER2/210 ¹⁾	●	○	-	□	□	○	○
6.4	External rewinders ER304, ER306 in preparation	●	○	-	□	□	○	○
6.5	External rewinders ER4/300, ER6/300 ¹⁾	●	○	-	□	□	○	○
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 500x255 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, ER30x are available

²⁾ To fix peripheral devices from the A+ printer series

Accessories

Extra equipment	
2.2	 <p>Print roller DR4-M25 Material width up to 25 mm Synthetic rubber coating for accurate imprint</p>
	 <p>Print roller DR4-M50 Material width up to 50 mm Synthetic rubber coating for accurate imprint</p>
	 <p>Print roller DR4-M80 Material width up to 80 mm Synthetic rubber coating for accurate imprint</p>
	 <p>Print roller DRS4 Material width up to 120 mm</p>
2.3	 <p>Antistatic brush Particularly with plastic materials the electrostatic charge is discharged after printing.</p>
2.6	 <p>Adapter 100 for label rolls with 100 mm core diameter and more than 180 mm outside diameter</p>
2.7	 <p>SD memory card 8 GB</p>
2.8	 <p>USB memory stick 8 GB</p>
2.9	 <p>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</p>
2.10	 <p>USB Bluetooth adapter</p>
2.11	 <p>Barcode tester for linear and 2D barcodes The readability or content of a horizontally 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.</p>
Connecting cable	
4.1	 <p>Connecting cable RS232 C 9/9 pin, length 3 m</p>

Label dispensing	
2.12	 <p>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</p>
2.13	 <p>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</p>
2.14	 <p>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</p>
2.15	 <p>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.</p>
2.16	 <p>Product sensor Reflective light barrier to automatically detect a product on the conveyor belt</p>
Interfaces	
3.1	 <p>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</p>
3.2	 <p>I/O interface connector, SUB-D 25 pin with screw clamps to connect all control signals to the I/O interface</p>
3.3	 <p>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.</p>

Accessories

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	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
Weight cardboard gr/m ²	60-300		
Thickness mm	0.05-1.1		
Cutting length mm	> 5		
Gap height up to mm	2.5		
Cuts/min, 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

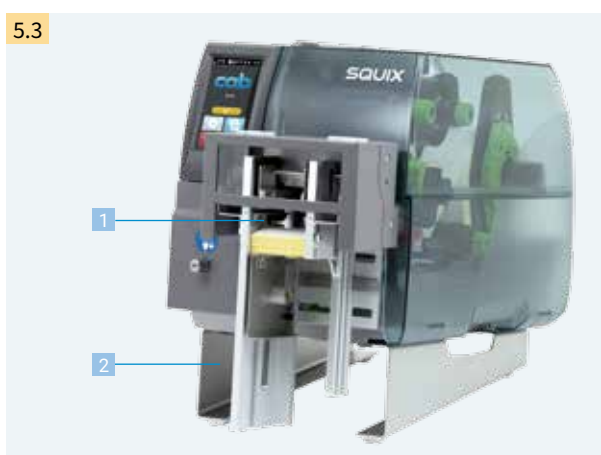


Perforation cutter PCU400

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	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/m ²	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	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/m ²	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 WxH

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		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 in preparation
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		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 in preparation
Until the start of delivery the external rewinders ER4/300, ER6/300 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		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



Label unwinding

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

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		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		
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6.7

Applicator S1000

7.1



Labeling in real time

An 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 10N (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	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 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



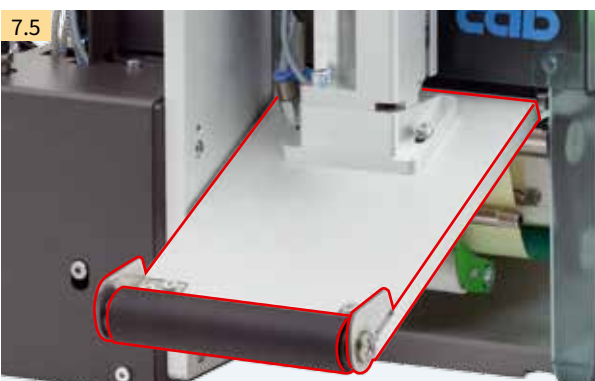
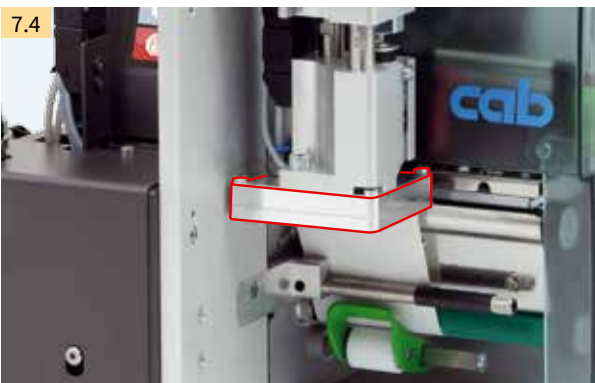
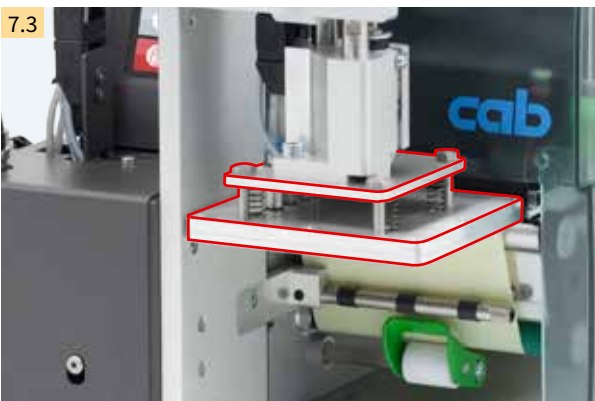
Universal pads

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

Universal pad	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		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		
	A1321	A1321	A1321	SQUIX	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	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		A2021			M2021
Material guide		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		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



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, pre-dispense, compressed air regulation, process reliability and supporting air correspond with the applicator S1000 (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
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	
	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 2	SQUIX 4.3, 4
		SQUIX 4.3 M, 4 M		SQUIX 4.3 M, 4 M
Label width	mm 4-63	10-116	4-110	10-116
Label height	mm	6-80		10-80
Product surface	Flat			
Product during labeling	Not in motion		In motion or not in motion	

Demand modules



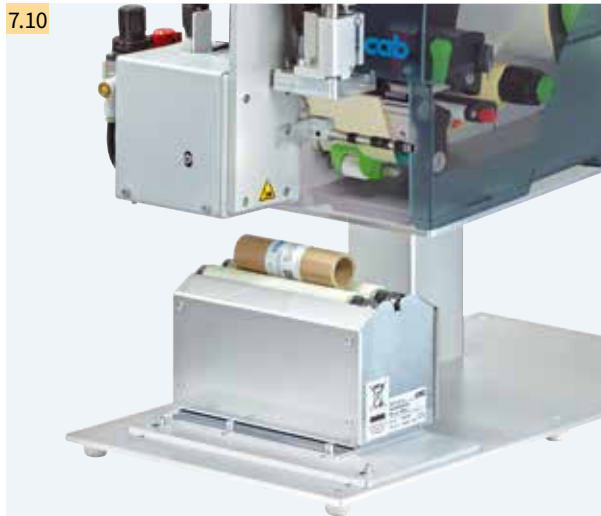
Demand modules S5104, S5106

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

Demand module	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



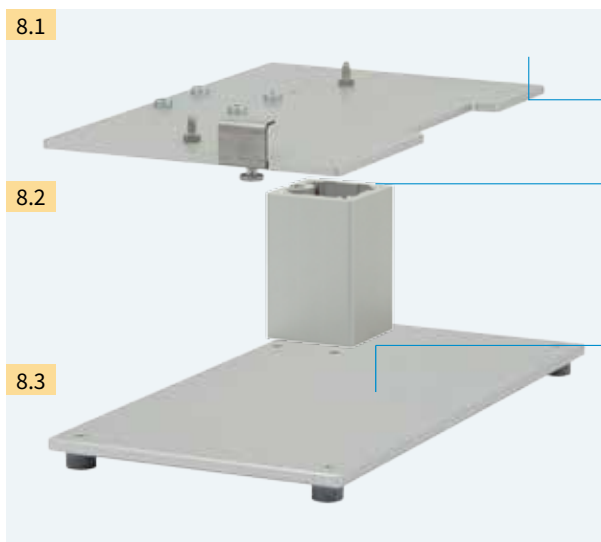
All-around labeler

With the module cylindrical 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		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



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



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		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	600x140x860

8.5



Printer holder

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

Label printers with special covers or 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 $\leq 10^4$ 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. By pressing the control button, printing is continued.

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 cover for dusty surroundings

Available for SQUIX 4 printers

Labels are removed through the front opening. By pressing the control button, printing is continued.

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


















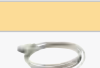


Pos.		Part no.	Printers with left-aligned material guide	Part no.	Print heads	dpi	Part no.	Wear parts
1.1		5977030	Label printer SQUIX 2/300	5977384.001	Print head 2	300	5954102.001	Print roller DR2
		5977031	Label printer SQUIX 2/600	5977385.001	Print head 2	600	5954978.001	Print roller DRS2
		5977032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

	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

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
		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
		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
		Part no.	Connecting cable
4.1		5550818	Connecting cable RS232 C 9/9 pin, length 3 m
		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	In preparation: External rewinder ER204 External rewinder ER206
6.3		5948102.597 5943251.597	External rewinder ER1/210 External rewinder ER2/210
6.4		5978905 5979075	In preparation: 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
		Part no.	Applicators and demand modules
7.1		5976086 5976087 5976088 5984830	Applicator S1000-220 Applicator S1000-300 Applicator S1000-400 Applikator S1001-220
7.2		5949072 5949075	Universal pad A1021 70x60 Universal pad A1021 90x90
		59xxxxx 5977xxx	Tamp pad A1021 WxH Tamp pad M1021 WxH
7.3		5949076 5949077	Universal pad A1321 116x102 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

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
		Part no.	Mounting equipment
8.1		5979036 5978910	Mounting plate SQUIX 2 Mounting plate SQUIX 4
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 6.3
		Part no.	Special covers and chassis
9.1		5977771.001 5977763.001 5977772.001	Hinged cover for ESD sectors for SQUIX 2 for SQUIX 4 for SQUIX 6.3
9.2		5977773.001 5977764.001 5977774.001	Hinged cover for the food industry for SQUIX 2 for SQUIX 4 for SQUIX 6.3
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	cablabel S3 Lite
		5588001 5588100 5588101 5588150 5588151 5588152	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
		5588002 5588105 5588106 5588155 5588156 5588157	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
		In preparation	cablabel S3 Print Server
		1110	9009950

Product overview

Label printers MACH1, MACH2
in the lower price segment



Label printers MACH 4S
where little space is available



Label printers EOS1
Desktop devices for label rolls
up to diameter 152 mm



Label printers EOS4
Desktop devices for label rolls
up to diameter 203 mm



Label printers SQUIX 2
Industrial devices
up to print width 57 mm



Label printers SQUIX 4
Industrial devices
up to print width 108 mm



Label printers SQUIX 6.3
Industrial devices
up to print width 168 mm



Label printers A8+
Industrial devices
up to print width 216 mm



Label printers XD4T
for double-sided printing



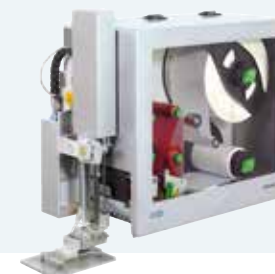
Label printers XC
for two-color printing



Print and apply systems Hermes+
for automation



Print and apply systems Hermes C
for two-color applications



Print modules PX
to be integrated in labeling systems



Labels
of more than 400 materials



Ribbons
in wax, resin and resin/wax qualities



Label software cablabel S3
Design, print, monitoring



Label dispensers HS, VS
for horizontal or vertical 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



 Headquarters and fabrication
in Germany

 to  International
subsidiaries

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



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