Status: 10/2023





Label printers for printing on both sides of a material



### XD Q label printers for printing on both sides of a material



### Highlights

- 300 dpi if printing as wide as 105.7 mm
   600 dpi if printing no more than 54.1 mm wide, using a DR4-M60 print roller
  - Print heads designed for 300 dpi and such for 600 dpi are not interchangeable on the unit.
- **Heating** can be assigned separately to each print head.
- If printing only on the top of a material using print head 2, print head 1 is automatically lifted and the ribbon is stopped by an electromechanical brake.
- Guiding materials in centered position results in precise print images in particular with slim continuous materials are in use. The width of a material is set with the help of a spindle.
- Automated ribbon saving is provided on print head 1
  when printing on the bottom of a material. The print head
  is lifted and the ribbon is stopped during material feed.

- **Continuous print images** when cutting or perforating labels at no backfeed.
- **Optimized printing,** so that multiple print jobs can be printed seamless and without loss of labels.
- CSQ cutters and PSQ perforation cutters
- A separator is part of the chassis.

It separates continuous material reliably from a ribbon and improves the accuracy of feeding.

Draw roller quality:

Steel roller standard if printing on textile materials

Print roller an option with shrink tubes
The pressure system can be pivoted if required.

Find documentation on the Internet.
 DVDs are no longer part of delivery.

Textile tapes Cardboard labels Identification strips



Cable marking Shrink tubes continuous or ready for use



Labels Printing only on the top of a material using print head 2



# Types of printers



### XD Q providing a tear-off plate

All materials wound on a roll or a reel can be printed, so can fanfold ones.

Label printer		XD Q4/300	XD Q4.2/600
Print resolution	dpi	300	600
Print speed	mm/s max.	200	100
Print width	mm max.	105.7	54.1
Width of a material	mm max.	114	114



### XD Q providing a CSQ 402 cutter

Paper labels and self-adhesive labels, cardboard and synthetic materials can be cut, so can shrink tubes.

Label printer		XD Q4/300-C2	XD Q4.2/600-C2
Print resolution	dpi	300	600
Print speed	mm/s max.	200	100
Print width	mm max.	105.7	54.1
Width of a material	mm max.	114	114
Tray Materials as	wide as mm	100	100



### XD Q providing a PSQ 403 perforation cutter

Continuous materials such as shrink tubes can be perforated, to simplify separation by hand at a later stage. Cutting a material is as well possible.

Label printer		XD Q4/300-P3	XD Q4.2/600-P3
Print resolution	dpi	300	600
Print speed	mm/s max.	200	100
Print width	mm max.	105.7	54.1
Width of a material	mm max.	114	114
Tray Materials as	wide as mm	100	100

### Technical data

• typical ■ standard □ option XD Q4/300 XD Q4.2/600 Label printer Guidance of materials centered centered Print method Thermal transfer Print resolution 300 600 dpi Print speed 200 100 mm/s max. Print width mm max. 105.7 54.1 Automated ribbon saving Materials1) Paper, cardboard, synthetics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec Shrink tube ready for use continuous, pressed Textile tape Finishing Roll, fanfold Roll diameter 300 mm max. Core diameter 38.1 - 76 mm Winding outside or inside Label Width 10 - 110 mm Height 20 mm at least Thickness 0.1 mm max. Liner Width 14 - 114 mm Thickness 0.03 - 0.16 mm Continuous Width 4 - 114 mm Thickness mm 0.03 - 0.5 Weight (cardboard) g/m<sup>2</sup> max. 300 Shrink tube Width ready for use mm max. 114 continuous, pressed mm 4 - 85 **Thickness** mm max. 1.1 Ribbon<sup>2)</sup> Color side outside or inside Roll diameter mm max. 80 Core diameter mm 25.4 Length m max. 450 Width mm max. 114 Printer dimensions, weight Width x Height x Depth / Weight mm/kg 248 x 395 x 594 / 21 Label sensors, position indicators labels, punch marks, materials ending, Transmissive sensor detecting print marks on translucent materials labels, materials ending, Reflective sensor detecting from below or top print marks on non-translucent materials Sensor distance centre to locating edge centered mm 0 - 55 Material passage mm max. **Interfaces** RS232-C 1,200 to 230,400 baud / 8 bit USB 2.0 Hi-Speed device to plug a PC LPD, RawIP printing, SOAP web service, OPC UA, WebDAV Ethernet 10/100 Mbit/s DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC for plugging 1 USB host on the control panel a service key, an USB stick, USB WLAN stick, USB Bluetooth adapter a keyboard, barcode scanner, an USB stick, USB WLAN stick, 2 USB hosts on the back of a unit for plugging USB WLAN stick with a rod antenna, USB Bluetooth adapter, external operation panel USB host, 24 VDC, for peripheral plugging Digital I/O interface providing 8 inputs and 8 outputs П **Operating data** 100 - 240 VAC, 50/60 Hz, PFC Consumption of power <15 W in standby / 100 W in typical operation / max. 200 W Temperature / humidity Operation +5 - 40°C / 10 - 85 %, not condensing Stock 0 - 60°C / 20 - 85 %, not condensing -25 - 60°C / 20 - 85 %, not condensing Transport **Approvals** CE, FCC Class A, ICES-3, cULus, CB in preparation CCC, Mexico Reg., BIS, BSMI, KC-Mark **Control panel** Color LCD Diagonal 4.3 touchscreen Resolution Width x Height рх 272 x 480

<sup>&</sup>lt;sup>1)</sup> Specifications are standards. Operations including small, slim, thick or stiff materials need testing, so do strongly adhesive labels.

<sup>&</sup>lt;sup>2)</sup> A ribbon should be at least as wide as the liner material.

■ standard □ option

### Technical data

SOTUD OBTIONS		
Setup options	Print	Region:
	Labels	- Language
	Ribbon	- Country
	Tear off	- Keyboard
		- Keyboard - Time zone
	Cut Interfaces	Time
		· · · · · · ·
	Error	Display:
		- Brightness
		- Power saving mode
		- Orientation
		Interpreter
Status bar		
	Receive data	Bluetooth
	Record datastream	WLAN
	Warning to a ribbon end	
	SD memory card plugge	
	USB stick plugged	Time
Controls		
	Ribbon 1/2	Print head 1/2
	- Winding	- Voltage
	- Prior warning	- Temperature
	- End of ribbon	- open
	Running out of material	Peripheral error
Test routines		
System diagnostics	upon startup, detection	of print head included
Information display,	Status printout	Test grid
test printout,	Fonts list	Label profile
analysis	List of units	List of events
•	WLAN status	Monitor mode
Status reports	- Printout of print durati	ions, running hours, etc.
		ted by software command
		d to a network, barcode
	or peripheral device, a	
Fonts	o. penpilera, active, a	o well do linio inioonig
Integral	5 bitmap fonts: 7 v	ector fonts:
integrat		Heiti Medium GB-Mono
		Triumvirate Condensed Bold
		ruda
		nWangHeiLight
		nospace 821
		iss 721
		riss 721 Bold
For storing	Sw	riss 721 Bold
For storing Sets of characters		riss 721 Bold
	Sw TrueType fonts Windows-1250 to -1257	riss 721 Bold 352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257	
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500	352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8	352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13	352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720	352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8	352, 857, 862, 864, 866, 869
	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman	352, 857, 862, 864, 866, 869
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS	352, 857, 862, 864, 866, 869
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS	352, 857, 862, 864, 866, 869
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R	352, 857, 862, 864, 866, 869 3 to -16
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -1: WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European	352, 857, 862, 864, 866, 869 3 to -16 Cyrillic
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European	352, 857, 862, 864, 866, 869 3 to -16 Cyrillic Greek
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese, simplified	352, 857, 862, 864, 866, 869 3 to -16 Cyrillic Greek Latin
	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese, simplified Chinese, traditional	252, 857, 862, 864, 866, 869 3 to -16 Cyrillic Greek Latin Hebrew Arabian
Sets of characters	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai	252, 857, 862, 864, 866, 869 3 to -16 Cyrillic Greek Latin Hebrew Arabian
Sets of characters	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese, simplified Chinese, traditional Thai	352, 857, 862, 864, 866, 869 3 to -16  Cyrillic Greek Latin Hebrew Arabian high
Sets of characters  Bitmap	Sw TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° oriental	Cyrillic Greek Latin Hebrew Arabian high
Sets of characters	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -1: WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10	Cyrillic Greek Latin Hebrew Arabian high
Sets of characters  Bitmap	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient 0.9 mm to 128 mm wide Continuous zoom	Cyrillic Greek Latin Hebrew Arabian high ations and high
Sets of characters  Bitmap  Vector / TrueType	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient. 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps	Cyrillic Greek Latin Hebrew Arabian high ations and high
Sets of characters  Bitmap	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -1: WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient: 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined,	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse
Sets of characters  Bitmap  Vector / TrueType  Styles	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient: 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined, - depending on the font	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse type
Bitmap Vector / TrueType Styles Character spacing	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -1: WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient: 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined,	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse type
Bitmap Vector / TrueType Styles Character spacing Graphics	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orienta 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined, - depending on the font proportional or monosp	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse type pace
Bitmap Vector / TrueType Styles Character spacing	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orient. 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined, - depending on the font proportional or monosp	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse type pace
Bitmap Vector / TrueType Styles Character spacing Graphics	TrueType fonts Windows-1250 to -1257 DOS 437, 737, 775, 850, 8 EBCDIC 500 ISO 8859-1 to -10 and -13 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R  Western European Eastern European Chinese, simplified Chinese, traditional Thai 1 mm to 3 mm wide and Zoom factors 2 to 10 0°, 90°, 180°, 270° orienta 0.9 mm to 128 mm wide Continuous zoom 360° orientation in steps bold, italic, underlined, - depending on the font proportional or monosp	Cyrillic Greek Latin Hebrew Arabian high ations and high s of 1° outline, inverse type pace

		■ Stanuaru L	option
Codes			
1D 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 routin of Deutsche Posi Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0	
2D codes, 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, omni-direction. All codes may vary in height, modular width and ratio 0°, 90°, 180°, 270° orientations Feasibility of check digits, plain text printouts		d ratio.
Software	J.		
Label software	cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print		
Running also with	CODESOFT Loftware Spectrum NiceLabel BarTender		
Stand-alone operation			
Windows printer drivers for	Windows 11 S	Server 2016 Server 2019 Server 2022 aration	
Apple printer drivers	Mac OS X 10.6 or any later release		
Linux printer drivers	CUPS 1.2 or any later relea	se	
Programming	JScript printer language abc Basic Compiler ZPL II (datastream be tested in advance)		
Integration	SAP Database Connector		
Administration	Printer control Configuration on the Intra	net and Internet	

Free and Open Source software in cab products: www.cab.de/opensource

### OPC UA

All the latest cab printers have been designed ready for interacting with machines and components of different manufacturers in industrial plants. An OPC UA server is part of the firmware.





### cablabel S3 software

#### Design, print, administrate

cablabel S3 opens up the full potential of cab devices. Defining a label is first. Modular design adapts cablabel S3 to requirements step by step. Plug-ins are embedded. Native JScript programming, for example, is supported by the JScript Viewer. The designer user interface and JScript codes synchronize in real time. Optional features can be integrated, such as the Database Connector or barcode verifiers.







### Printer control

#### **Drivers**



cab provides drivers to control a printer with software other than cablabel S3.



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



### Programming

### JScript

cab printers embed JScript language.

Download free manual on www.cab.de/en/programming

ABC abc Basic Compiler

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

### Integration



cab as a member of this program developed a replace method for controlling cab printers from SAP<sup>1</sup> R/3 using SAPScript. Only variable data are sent by a host system to a printer. They add on the printer to local images and fonts (IFFS, memory card, etc.).

### Stand-alone operation

This operating mode enables a printer select and print labels while not connected to a host system. Labels can be designed using software such as cablabel S3 or a text editor on a PC. Label formats, texts, graphics and data of a database can be stored on a memory card, a USB stick or a printer's IFFS memory. Only variable data are sent by a keyboard, a barcode scanner, a scale or any other host system to a printer, or be recalled by the Database Connector from a host and printed.



### Printer administration

#### Configuration on the Intranet / Internet



Integral HTTP / FTP servers enable a printer be controlled or configured, firmware be updated and memory cards be administrated using standard applications such as a web browser or a FTP client.

Administrators and operators on behalf of SNMP / SMTP are notified of states, alerts and errors by email or SNMP datagrams. Time and date are synchronized by a time server.

#### **Database Connector**



Printers in a network may access data from a ODBC / OLEDB database and print it on labels. Data can be rewritten to a database while print jobs are in progress.

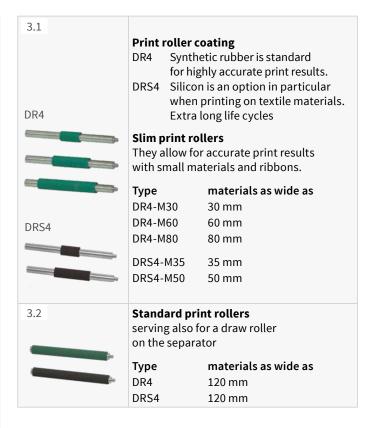
<sup>&</sup>lt;sup>1)</sup> SAP and associated logos are trademarks or registered trademarks of SAP SE.

### Accessories / optional equipment

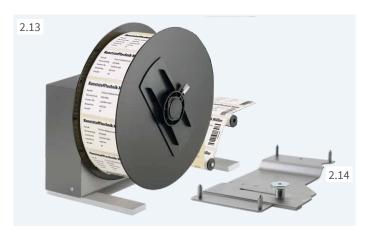
Accessorial products are plugged or screwed to a printer by a customer.

Options are parts or units to perform special functions. They are assembled to a printer in addition to or instead of standards. If order implies options be assembled ex factory, corresponding item numbers are added by .250. Options delivered separately are added by .001.

2.1	SD memory card
2.2	USB stick
2.3	USB WLAN stick 2.4 GHz 802.11b/g/n Hotspot mode or infrastructure mode
2.4	USB WLAN stick with a rod antenna for extended range of operation 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac Hotspot mode or infrastructure mode
2.5	USB Bluetooth adapter
2.6	Adapter 40/100 for picking up label rolls with a core diameter of 100 mm  One adapter is sufficient if processing materials no more than 50 mm wide.
3.3	<b>Digital I/O interface</b> Labeling is triggered via a PLC, a sensor or a hand switch. Status reports and errors are displayed simultaneously.
3.4	I/O interface plug SUB-D, 25 pins, for connecting all control signals to the I/O interface



### Rewinding



**External ER4 rewinder,** power supply built in Label webs may be wound outside or inside. They are wound consistently and tight by electronic control, with a pendulum arm.

External rewinder		ER4/210	ER4/300
Width of a metarial mm max.		12	20
Roll diameter	mm max.	205	300
Tightening axle core diameter in mm		76	
Winding		outside (	or inside
Voltage		100 - 240 V	, 50/60 Hz
Adapter kit			

## Cutting, perforating, stacking

### 2.8 CSQ 402



#### **Cutters and perforation cutters**

Paper, cardboard, textile and synthetic materials can be cut resp. perforated, so can shrink tubes, continuous or ready for use.

Differences between CSQ and CU resp. PSQ and PCU cutters:

- CSQ / PSQ can be pivoted to simplify material changeover.
- CSQ / PSQ are cutting twice as fast as CU /PCU cutters.
- CU / PCU cutters are still recommended with textile operations.

2.9 **PSQ 403** 



If perforating with a PSQ, six off-cuts remain at the center, each at a distance of 2.5 mm. At the left and right of a perforation, the material is entirely cut. If perforating with a PCU, there is off-cutting along the entire width.



Cutter	CSQ 402		CU400		
Perforation cutter		<b>PSQ 403</b>		PCU400	
Material:					
Passage width mm max.	12	20	1	120	
Passage height mm max.	2	.0	2	2.0	
Weight (cardboard) gr/m² max.	30	00	3	00	
Thickness mm max.	1	.1	1	1	
Perforation:					
Distance between off-cuts mm	-	2.5	_	2.5	
Off-cut width mm	-	0.4	-	0.5	
Number of off-cuts	-	6	-	48	
Cutting length mm at least	10	10	5	5	
Perforation length mm at least	-	3	-	5	
Tray Materials as wide as mm	100	100	100	100	
Performance cuts/min at use of material 1 mm high, no backfeed	20	00	1	00	
	no final cutter position			n	
Controls	cutter cove	er removed		-	



#### 2.12 **ST400 M**



### ST400 M stacker providing a cutter

Printed materials can be cut and then collected.

Print jobs stop if the maximum number of labels have been collected. Limitations may occur with stiff or curved materials. cab recommends to have such operations tested.

Stacker	providing a cutter	ST400 M	
Material	Passage width	mm	20 - 100
	Passage height	mm max.	1.2
	Weight (cardboard)	gr/m <sup>2</sup>	60 - 300
	Thickness	mm	0.05 - 0.8
Cutting le	ngth	mm	20 - 150
Performance cuts/min at use of material 1 mm high, no backfeed		100	
Limit of collecting mm max.			100
Controls: no final cutter position, paper jam, stacker cover open, limit of collecting			



#### Support table - label W x H

The table and the protective cover are adapted to the size of a label. Please request individually.

### Delivery program

### **Label printers**

Pos.		Item no.	Designation
1.1		6011500 6011505	XD Q4/300 label printer XD Q4.2/600 label printer
1.2	×00	6011502 6011507	XD Q4/300-C2 label printer with a CSQ 402 cutter XD Q4.2/600-C2 label printer with a CSQ 402 cutter
1.3		6011501 6011506	XD Q4/300-P3 label printer with a PSQ 403 perforation cutter XD Q4.2/600-P3 label printer with a PSQ 403 perforation cutter

xxx - .250 options assembled

### Wear parts

Pos.	Item no.	Designation
	5987330.001 5987089.001	Print head 2/600 Print head 4/300
	As for print rollers, see accessories	

#### Scope of delivery

Label printer

Type E+F power cable, 1,8 m Connecting USB cable, 1.8 m Instructions DE / EN

#### **Provided online**

Instructions

Configuration manuals DE / EN / FR

Service manuals DE / EN
Spare parts lists DE / EN
Programming manual EN
Windows printer drivers for
Windows 10 Server 2016

Windows 10 Server 2016 Windows 11 Server 2019

Server 2022

https://setup.cab.de/en

Certification WHQL in preparation Apple Mac OS X printer drivers DE / EN / FR Linux printer drivers DE / EN / FR cablabel S3 Lite software cablabel S3 Viewer Database Connector

#### **Accessories**

Accessorial products are plugged or screwed to a printer by a customer.

See further accessories on www.cab.de/en/xdq-accessories



### **Optional equipment**

Options are parts or units to perform special functions. They are assembled to a printer in addition to or instead of standards. If order implies options be assembled ex factory, corresponding item numbers are added by .250. Options delivered separately are added by .001.

### Accessories / optional equipment

Pos.		Item no.	Designation
2.1		5977370	
			SD memory card
2.2		5977730	USB stick
2.3	<b>2</b>	5978912	USB WLAN stick 2.4 GHz 802.11b/g/n
2.4		5977731	USB WLAN stick with a rod antenna 2,4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.5	<b>2</b>	5977732	USB Bluetooth adapter
2.7	6	5959622.xxx	Adapter 40/100
2.8		5984565.xxx	CSQ 402 cutter tray provided
2.9		5984130	PSQ 403 perforation cutter tray provided
2.10		5978900	CU400 cutter tray provided
2.11		5978901	PCU400/2,5 perforation cutter tray provided
2.12		5541599	ST400 M stacker providing a cutter
	8	55xxxxx	Support table, label W x H Item no. specific to order
2.13		5948100 5946090	External ER4/210 rewinder External ER4/300 rewinder
2.14		6011757	X series adapter kit
3.1		5953700.xxx 5953701.xxx 5953702.xxx	DR4-M30 print roller DR4-M60 print roller DR4-M80 print roller
		5977813.xxx 5977812.xxx	DRS4-M35 print roller
			DRS4-M50 print roller
3.2		5954180.xxx	DR4 print roller
		5954985.xxx	DRS4 print roller
3.3		5551447.xxx	Digital I/O interface
3.4		5917651	I/O interface plug SUB-D, 25 pins

xxx - .250 assembled to a printer .001 separate delivery resp. spare part

# Delivery program

### Label software

Pos.		Item no.	Designation	
11.7		Bundle	cablabel S3 Lite (download on cab.de/en)	
		5588001	cablabel S3 Pro 1 WS	
		5588100	cablabel S3 Pro 5 WS	
		5588101	cablabel S3 Pro 10 WS	
		5588150	cablabel S3 Pro 1 additional licence	
		5588151	cablabel S3 Pro 4 additional licences	
		5588152	cablabel S3 Pro 9 additional licences	
		5588002 5588105 5588106 5588155 5588156 5588157 in preparation	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		9008486	Programming manual EN, printed copy	

Scopes of delivery, designs and technical data correspond to the date of this publication. They are subject to change. Catalog data do not represent any warranty or guarantee.

### User languages

•	Instruc-	Control	Windows	Service	cablabel				
Language	tions	panel	driver	manual	<b>S</b> 3				
European Union									
Bulgarian	Χ	X	Χ		Χ				
Danish	Х	Х	Х						
German	Χ	X	Χ	Χ	Χ				
Estonian	Χ	X	Х						
Finnish	Χ	X	Х						
French	Χ	X	Х		Χ				
Greek	Χ	Х	Χ						
English	Χ	Χ	Χ	Χ	Χ				
Italian	Χ	Х	Χ		Χ				
Croatian	Χ	Χ	Χ						
Latvian	Χ	Χ	Χ						
Lithuanian	Χ	Χ	Χ						
Dutch	Χ	Χ	Χ						
Polish	Χ	Χ	Χ		Χ				
Portuguese	Χ	Χ	Χ						
Romanian	Χ	X	Х						
Swedish	Χ	Χ	Χ						
Slovak	Χ	Χ	Χ						
Slowenian	Χ	Χ	Χ						
Spanish	Χ	Χ	Χ		Χ				
Czech	Χ	Χ	Х		Χ				
Hungarian	Χ	Х	Х						
Europe (Non-EU)									
Macedonian	Х	X	Х						
Norwegian	Χ	X	Х						
Russian	Χ	X	Х		Χ				
Serbian	Χ	X	Χ						
Turkish	Χ	X	Х						
Asia									
Chinese	X	Х	Х		X				
(simplified)	^	^	^		^				
Chinese	Х	Х	Х		Х				
(traditional)		Λ			^				
Japanese	X		X						
Korean	Х		Х		Х				
Thai	X	Х	Х						
Middle East									
Persian		Х							
Arabian		X							

# Overview of cab products

Label printers MACH1, MACH2



Label printers EOS 2



Label printers EOS 5



Label printers MACH 4S



Label printers SQUIX 2



Label printers **SQUIX 4** 



Label printers SQUIX 6.3



Label printers **SQUIX 8.3** 



Label printers **XD Q** double-sided



Label printers **XC** two-colored



Print and apply systems HERMES Q



Print and apply systems Hermes C two-colored



Tube labeling systems **AXON 1** 



Print modules PX Q



Labels and ribbons



Label software cablabel S3



Label dispensers HS, VS



Labeling heads



Marking lasers



Laser marking systems



Germany

cab Produkttechnik GmbH & Co KG

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France cab Technologies S.à.r.l.

Niedermodern Phone +33 388 722501 www.cab.de/fr

USA

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Chelmsford, MA

www.cab.de/us

Mexico cab Technology, Inc.

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