

# Print modules PX Q

Full functionality, high reliability, comfortable operation and low downtime related to maintenance! The PX Q print and peel-off module has been designed specifically for printing and labeling fully automatically in industrial applications. It can be integrated in any orientation of assembly to solve even complex marking tasks.

A torsion-resistant cast aluminum construction is basis to assemble all the components of the print mechanics. Food-safe coating and stainless steel casings add to the perfect shape with special features. Screwing is compatible to the devices of competitors.



### The universal one

Industrial device for accurate imprint

Print module		PX (	Q <b>4.</b> 3	PX	Q4
Printable resolu	tion 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



### The wide one

Suitable for Odette and UCC labels

Print module		PX	Q6.3
Printable resolut	tion dpi	203	300
Print speed	up to mm/s	250	250
Print width	up to mm	168	162.6

## Directions of label transfer





All the print modules are provided as left-hand and right-hand versions. As for printable resolutions, PX Q users can choose from 300 and 600 dpi, the PX Q4.3 and PX Q6.3. offer 203 and 300 dpi.

### **Details**



### Operation panel

Operating the device is intuitive and simple with the help of self-explanatory symbols to configure settings

#### Ribbon holder

Three-part tightening axles enable the ribbon to be replaced quickly and easily.

#### 3 Rugged metal chassis

made of cast aluminum; basis to assemble all units

#### 4 Plungers

One plunger is fixed on the inner side. A second one is moved that far to the label margin, until a good print image evokes.

#### **5** Print head

All print heads are freely interchangeable at equal width. Easy replacement

### 6 Automatic ribbon saving (option)

The print head is lifted during label feed and the ribbon is stopped.

### Print roller removal

It can be easily removed or inserted in the cases of cleaning or wear.

### **3** Simple replacement of materials

Label materials are inserted until lateral stop.
The print head and wipe-down rollers are locked by levers.

#### 2 Label sensor

A gap sensor or a reflective sensor position the imprint precisely on the label and detect the end of the material.

#### Material backfeed

After a label has been peeled off, the next one can be retracted to behind the print line. By this, the whole label can be printed and adhesive leaking is avoided during a longer pause. In case sensitive materials are processed and to prevent the ribbon from wrinkling, the print head can be lifted.

#### **Imprint accuracy**

The smaller a label, the higher are the requirements on the imprint accuracy. With the help of the adjustable slip correction, print offset can be reduced by  $\pm 0.2$  mm.

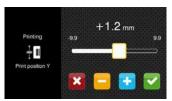
# Operation panel

Operating the device is intuitive and simple with the help of self-explanatory symbols to configure settings.

- 1 LED signal: Power ON
- Status bar: data reception, record data stream, ribbon pre-warning, SD memory card / USB memory stick plugged in, Bluetooth, WLAN, Ethernet, USB slave, time
- 3 **Printer status:** Ready, Pause, number of labels printed in a print job, label in peel-off position, awaiting external start signal
- USB slot to connect the Service Key or a memory stick, in order to transfer data to the IFFS memory
- **5** Operation
  - Print label
  - Jump to menu
  - Reprint last label
  - Interrupt and continue print job
  - Stop and delete all print jobs
  - Label feed



**Setup options** 



**Print position Y** 



**Print parameters** 



**Print speeds** 

Depending from the orientation of assembly, display is either in landscape or portrait mode.



Printer rotated by 90°





**Video tutorials** 

# External operation panel

### providing the same functionality as on the printer

Display in landscape or portrait mode

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

Printer connection: USB 2.0 Hi-speed device

- 1 LED signal: Power ON
- USB slot to connect the Service Key or a memory stick, in order to transfer data to the IFFS memory
- 3 Connecting cable USB, lengths 1.8 to 16 m
  If length succeeds 3 m, use only specified cables.
  For dimensions see assembly instructions



### Print heads



All print heads are freely interchangeable at equal width.
They are automatically detected and calibrated by the CPU.
The print distance to the locating edge can be adjusted.

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 print module PX Q4 - 300, 600 dpi

providing sharp-edged print images suitable for small fonts and graphics on typeplates suitable for markings on materials with high energy needs

Print heads for print modules PX Q4.3 and PX Q6.3 - 203, 300 dpi durable; suitable for rough surroundings and thermal direct printing

### Print rollers



#### Two types of material:

#### **Print rollers DR**

Coating: synthetic rubber

They suit for highly accurate imprint and are provided as standard.

#### **Print rollers DRS**

Coating: silicone

They have an extra long service life at a higher imprint tolerance.

### **Interfaces**

- 1 Slot to connect a SD memory card
- 2 x USB Host to connect a Service Key, USB memory stick, keyboard, USB Bluetooth adapter, USB WLAN stick, an external operation panel
- 3 USB 2.0 Hi-speed device to connect a PC
- Ethernet 10/100 Mbit/s
- **5 RS232C** 1,200 to 230,400 baud/8 bit

SD Card USB DAVID ER WINS PO 202 C

**Digital I/O interfaces;** compliant with IEC/EN 61131-2, type 1+3 All inputs and outputs are galvanically isolated and protect from reverse polarity. In addition, outputs are short circuit protected.

6 Digital I/O interface 24 VDC; 25 pin SUB-D socket connector

Inputs PNP
Label feed
Reprint
Start printing
Pause
Label removed

Pause Label removed Reset - memory deleted Reset - memory not deleted

Paper feed ON
Printing started
Error - end of ribbon
d Error - end of labels
ry deleted Print data available
ry not deleted Device ready
Label in peel-off position

Digital I/O interface 5 VDC; 15 pin SUB-D socket connector

### Inputs PNP Label feed Reprint Start printing

Reset - memory not deleted



#### **Outputs PNP, NPN**

Printer error

**Outputs PNP, NPN** 

Pre-warning to ribbon ending

Pre-warning to ribbon ending
Paper feed ON
Error - end of ribbon
Error - end of labels
Print data available
Label in peel-off position
Printer error

Accessory: 2 port Ethernet Switch 10/100 Mbit/s

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, the part numbers of such printers and options are added by .250. Options delivered separately are added by .001.

		1.1	1.2	1.3		
Pos.	Designation	PX Q4.3	PX Q4	PX Q6.3	.250	.001
3.1	Automatic ribbon saving				•	-
3.2	Print roller DRS				•	•
3.3	Digital I/O interface 5 VDC				•	•
3.4	2 port Ethernet Switch 10/100 Mbit/s				•	•



assembly ex factory only

### **Automatic ribbon saving**

Use is recommended in cases of at least 60 mm unprinted area on a label. While labels are fed, the print head is lifted and the ribbon stopped, resulting in less material consumption.





### **Print roller DRS**

providing a silicone coating. Product life is extra long, taken a higher print offset into account on a label.





### Digital I/O interface 5 VDC

15 pin SUB-D socket connector





### 2 port Ethernet Switch 10/100 Mbit/s

to connect another terminal device in a joint network. Signals are looped through

## Accessories

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

		1.1	1.2	1.3
Pos.	Designation	PX Q4.3	PX Q4	PX Q6.3
2.1	SD memory card			
2.2	USB memory stick			
2.3	USB WLAN stick			
2.4	USB WLAN stick including a rod antenna			
2.5	USB Bluetooth adapter			
2.6	I/O interface connector SUB-D, 25 pins			
2.7	I/O interface connector SUB-D, 15 pins			
2.8	External operation panel			
2.0	Connecting USB cable			
2.9	Label selection - I/O box			
2.10	Connecting RS232 C cable			
2.11	Interface cover unit			

2.1	SD memory card
2.2	USB memory stick
2.3	USB WLAN stick 2.4 GHz 802.11b/g/n hotspot or infrastructure mode
2.4	USB WLAN stick including a rod antenna to extend the range of operation 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac hotspot or infrastructure mode
2.5	USB Bluetooth adapter
2.6	I/O interface connector SUB-D, 25 pins All control signals can be attached to the I/O interface using clamping screws.
2.7	I/O interface connector SUB-D, 15 pins All control signals can be attached to the I/O interface using clamping screws.

Device functionality and compliance with CE standards are only guaranteed using accessories provided or recommended by cab.





## Technical data

● typical ■ standard □ option **Print module** Type PX Q4.3 PX Q4 PX 06.3 Printing method Thermal transfer • • • • • • Thermal direct • • • • Printable resolution 203 dpi 203 300 300 600 300 Print speed up to mm/s 300 300 300 150 250 250 Print width 105.7 105.7 up to mm 104 108.4 168 162.6 Direction of label transfer L to the left or R to the right for L and R mm Print distance to locating edge 1 1 1 1 with automatic saving L and R mm 3.2/2.6 1/0.4 2/2 2/2 1.2/1.2 3.9/3.9 Material Labels Paper, plastics such as PET, PE, PP, PI, PVC, PU, acrylate, Tyvec Labels1) Width 10 - 116 10 - 116 50 - 174 mm Height without backfeed from mm 12 6 Height with 12 12 25 backfeed from mm Thickness 0.60 0.60 0.60 up to mm Liner material Width 25 - 120 50 - 178 25 - 120 mm Ribbon<sup>2)</sup> outside or inside Ink side Roll diameter up to mm 90 Core diameter 25.4 mm Variable length up to m 600 Width mm 25 - 114 25 - 114 50 - 170 Automatic saving П П П **Print module dimensions and weights** Width x Height x Depth 245 x 300 x 333 245 x 300 x 393 mm 11.5 12 Weight kg Label sensor with position indication labels, punch marks or print marks and end of material Gap sensor for for print marks on non-transparent liner materials and end of material Reflective sensor reflex from below Distance of sensor to locating edge 4 - 60 4 - 60 mm 4 - 60 2 Material passage mm **Electronics** Processor 32 bit clock rate MHz 800 Main memory (RAM) ΜВ 256 Data memory (IFFS) MB 50 Slot to connect a SD memory card (SDHC, SDXC) Battery for time and date, real-time clock Data memory when power is switched off (e.g. serial numbering) **Interfaces** RS232C 1,200 to 230,400 baud/8 bit USB 2.0 Hi-speed device to connect a PC LPD, RawIP printing, SOAP webservice, OPC UA, WebDAV Ethernet 10/100 Mbit/s DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC 1 x USB host on the operation panel for Service Key, USB memory stick, USB WLAN stick, USB Bluetooth adapter keyboard, barcode scanner, USB memory stick, USB WLAN stick, 2 x USB host on the back of the device for USB WLAN stick with a rod antenna, USB Bluetooth adapter, external operation panel Digital I/O interface 24 VDC with 10 inputs and 11 outputs П Digital I/O interface 5 VDC with 4 inputs and 4 outputs 2-Port Ethernet Switch 10/100 Mbit/s **Operating data** 100-240 VAC, 50/60 Hz, PFC Power supply Standby < 10 W / typical 150 W / up to 300 W Power consumption +5 -  $40^{\circ}$ C / 10 - 85 %, not condensing Temperature / humidity Operation Stock 0 - 60°C / 20 - 85 %, not condensing -25 - 60°C / 20 - 85 %, not condensing Transport CE, FCC Class A, ICES-3, cULus, CB, EAC, RCM Mark **Approvals** from end of second quarter 2021 CCC, CoC Mexico

<sup>&</sup>lt;sup>1)</sup> Limitations may apply to small labels, thin materials or strong adhesives. Critical applications need to be tested.

<sup>&</sup>lt;sup>2)</sup> The ribbon should at least correspond with the width of the liner material.

# Technical data

Operation panel					
Colored LCD touch di	splay	Screen d		<u>'</u>	4.3
		Resolution	on Width x	Height px	480 x 272
Setup options					
	Print Labels Ribbon Peel-off Apply Interfaces Error	s	Ti D	egion: - Languag - Country - Keyboar - Time zo ime isplay: - Brightne - Power s - Orientat	rd ne ess aving mode
Status bar				iterpreter	
Monitoring		tastream	W Ef gged in U		
	Ribbon	Direction	of winding	Print rol	ler for
		Pre-warni End of ma	ng terial	backfee	
	Labels	End of ma	iterial		
	Print head	d Voltage Temperati open	ure		
Test routines					
System diagnostics	on start-u	p, including			n
Information display, test printout, analysis	Status pri Fonts list List of dev WLAN stat Record pr	/ices	La Li M	est grid abel profile st of event onitor mo card	:S
Status reports	e.g. print - Device st - Display o	of device s t lengths ar tatus reque of, e.g., net errors, per	nd service st by softv work error	vare comn s, no links,	
Fonts		, , , , , , , , , , , , , , , , , , ,	' '	,	
Font types provided internally	5 Bitmap 12 x 12 do 16 x 16 do 16 x 32 do OCR-A OCR-B	ts ts		Medium GE virate Con GHeiLight ce 821	3-Mono densed Bo
to be stored	TrueType				
Character sets	DOS 437, 7 EBCDIC 50	1 to -10 and 20	), 852, 857,		66, 869
	Western E Eastern E Chinese si Chinese tr Thai	uropean implified	G La H	yrillic reek atin ebrew rabic	

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

		■ standard □	option			
Fonts						
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, o - depending from the for	utline, inverse				
Character spacing	variable or monospace fo	• •	cings			
Graphics						
Graphic elements	Lines, arrows, rectangles, circles, ellipses - filled or filled with fading					
Graphic formats  Codes	PCX, IMG, BMP, TIF, MAC,	GIF, PNG				
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 Post Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0				
2D and stacked codes	DataMatrix DataMatrix Rectangle Ext 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-directional All codes are variable in te modular width and ratio; of check digit, plain text prin are options depending fro	I, stacked, erms of height, orientations 0°, 90°, 1 ntout and start / stop				
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 Windows 7 Windows 8 Windows 8.1 Windows 10	Server 2008 Server 2008 R2 Server 2012 Server 2012 R2 Server 2016 Server 2019				
Apple Mac OS X printer drivers	from version 10.6					
Linux printer drivers	from CUPS 1.2		•			
Programming	JScript printer language abc Basic Compiler ZPL II (Datastream be tested in advance)					
Integration	SAP Database Connector					
Administration	Printer control Configuration in Intranet Network Manager (in pre					

## cablabel S3 software

#### Designing, printing, administrating

cablabel S3 opens up the full potential of cab devices. First of all, the label must be designed. 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.







# Stand-alone printing

A printer can select and print labels even when the system is disconnected from a host.

Labels are designed using software such as cablabel S3 or a text editor on a PC. Label formats, texts, graphics and data taken from a database are transferred to a memory card, a USB memory stick or the internal IFFS memory.

Only variable data are sent to the printer using a keyboard, a barcode scanner, scale or another host system and/or are recalled from a host by the Database Connector and printed.



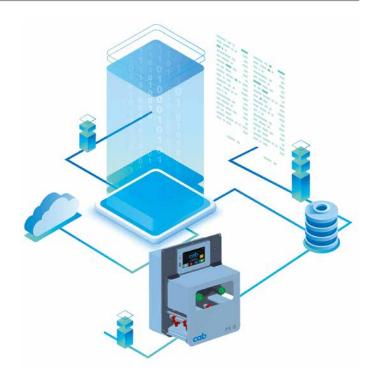
### OPC UA

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 part of the firmware.

The server enables a printer be configured and controlled. Dynamic print data can be edited using a defined programming interface.

The integral client enables reading data fields from other machines ready for OPC UA, as well as transferring data to a label. No additional software is needed.



### Printer control

### **Drivers**

cab provides 32 / 64-bit drivers to control a printer with software other than cablabel S3. Running the drivers requires at least operating systems Windows Vista, Mac OS 10.6, Linux CUPS 1.2.



#### Windows<sup>1)</sup> drivers

compliant to WHQL standards



### Mac OS X<sup>2)3)</sup> drivers

based on CUPS



### Linux³) drivers

based on CUPS

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

### Programming

### **JScript**

To control a printer, cab developed the embedded JScript programming language. Free manual download on www.cab.de/en/programming

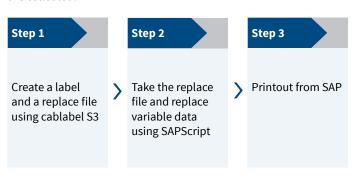
### ABC abc Basic Compiler

An integral part of the firmware, it adds to JScript in terms of programming a printer before data are edited for processing. For example, external printer languages can be replaced without intervening in the print job in process. Data may be transferred also from other systems, such as scales, barcode scanners or PLC.

### Integration

Printer Vendor Program

As a member in this program, cab developed a replace method by which cab printers can be controlled from SAP<sup>4)</sup>R/3 using SAPScript. Only variable data are sent by a host system to the printer. Data such as pictures and fonts which had been transferred to a local memory (IFFS, memory card, etc.) before, are collected.



## Printer administration

### Configuration on the Intranet / Internet

cab printers integrate a HTTP and FTP server. A printer can be controlled and configured, firmware updated and memory cards managed using a standard web browser or FTP client. Administrators and operators are notified of states, warnings and errors via email or datagrams, based on a SNMP/SMTP client. Time and date are synchronized by a time server.



### Network Manager in preparation

Several printers of a network can be controlled and configured simultaneously, firmware updated,

memory cards managed, data synchronized and PINs administrated from one place.



# Database Connector

Printers connected to a network are enabled to access data directly from a central ODBC / OLEDB database and transfer it to a label. While labels are printed, data can be rewritten to the database..



- $^{\mbox{\tiny 1)}}$  Windows is a registered trademark of the Microsoft Corporation
- <sup>2)</sup> MAC OS X is a registered trademark of Apple Computer, Inc.
- 3) models SQUIX, MACH 4S, EOS, HERMES Q, PX Q only
- 4) SAP and all its corresponding logos are trademarks or registered trademarks of SAP SE

# PX Q delivery program

### **Print modules L**

Ро	s.	Part no.	Designation
1.1		5591501 5591502	Print module PX Q4.3L/200 I/O 24 VDC Print module PX Q4.3L/300 I/O 24 VDC
1.1	1.1	5591503 5591504	Print module PX Q4L/300 I/O 24 VDC Print module PX Q4L/600 I/O 24 VDC
1.2		5591505 5591506	

### xxxxxxx.250 if PX Q provides options

### **Print modules R**

Ро	S.	Part no.	Designation
1.1		5591510 5591511 5591512 5591513	Print module PX Q4.3R/200 I/O 24 VDC Print module PX Q4.3R/300 I/O 24 VDC Print module PX Q4R/300 I/O 24 VDC Print module PX Q4R/600 I/O 24 VDC
1.2		5591514 5591515	Print module PX Q6.3R/200 I/O 24 VDC Print module PX Q6.3R/300 I/O 24 VDC

xxxxxxx.250 if PX Q provides options

	Scope of PX Q print	module delivery	
	PX Q print module Power cable Type E+F, 1.8 m Connecting USB cable, 1.8 m Assembly instructions DE/EN/FR		
	Available online		
https://setup.cab.de/en	Assembly instructio Configuration manu Service manuals DE, Spare parts lists DE/ Programming manu Windows printer drive Windows Vista Windows 7 Windows 8 Windows 8.1 Windows 10  Apple Mac OS X print Linux printer drivers cablabel S3 Lite softy Database Connector	als DE/EN/FR /EN /EN al EN ers WHQL-certified for Server 2008 Server 2012 Server 2012 Server 2012 R2 Server 2016 Server 2019 ter drivers DE/EN/FR ware and Viewer	

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.

### **Options**

Pos.	Part no.	Designation
3.1	5591794.250 5591796.250 5591795.250 5591797.250	Automatic ribbon saving 4L Automatic ribbon saving 6L Automatic ribbon saving 4R Automatic ribbon saving 6R
3.2	5954985.xxx	Print roller DRS4
3.2	5954979.xxx	Print rollerr DRS6
3.3	6010512.xxx	Digital I/O interface 5 VDC
3.4	6010520.xxx	2 port Ethernet Switch 10/100 Mbit/s

xxx - .250 assembled to the printer .001 delivered separately



# PX Q delivery program

### Accessories

Pos.		Part no.	Designation
2.1		5977370	SD memory card
2.2		5977730	USB memory stick
2.3	2	5978912	USB WLAN stick 2.4 GHz 802.11b/g/n
2.4		5977731	USB WLAN stick including a rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.5		5977732	USB Bluetooth adapter
2.6		5917651	I/O interface connector SUB-D, 25 pins
2.7		5917652	I/O interface connector SUB-D, 15 pins
		6010186	External operation panel
2.8		5907718.850 5907730.850 5907750.850 5907760.850 5907765.850	Connecting USB cable, 1.8 m Connecting USB cable, 3 m Connecting USB cable, 5 m Connecting USB cable, 11 m Connecting USB cable, 16 m
2.9		5948205	Label selection - I/O box
2.10		5550818	Connecting RS232 C cable 9/9 pins, 3 m
2.11	//**	5591753	Interface cover unit

### **Label software**

Pos.		Part no.	Designation
11.9		Bundle	cablabel S3 Lite (download on cab.de/en)
		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 add. licence cablabel S3 Pro, 4 add. licences cablabel S3 Pro, 9 add. licenses
		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 add. licence cablabel S3 Print, 4 add. licenses cablabel S3 Print, 9 add. licenses cablabel S3 Print Server
11.10		9008486	Programming manual EN, printed copy

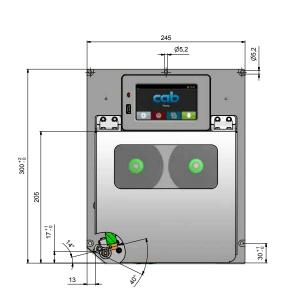
### Wear parts

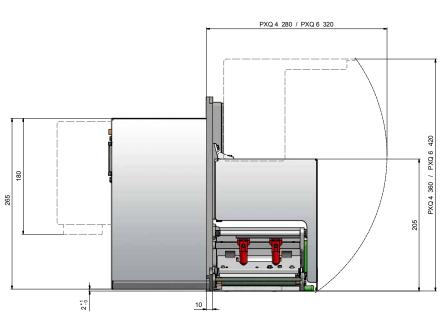
Pos.		Part no.	Designation	dpi
		5977382.001	Print head 4.3	200
		5977383.001	Print head 4.3	300
	1 1 2	5977444.001	Print head 4	300
		5977380.001	Print head 4	600
		5977386.001	Print head 6.3	200
		5977387.001	Print head 6.3	300
		5954180.001	Print roller DR4	
		5954245.001	Print rollerr DR6	

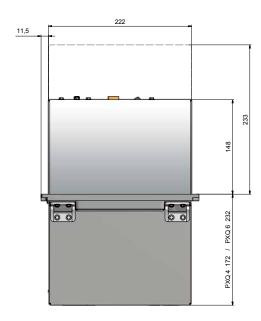
### User languages

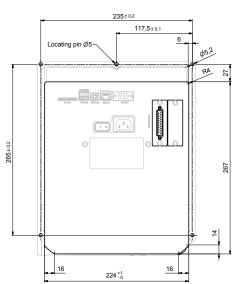
Language	Menu	Windows drivers	cablabel S3	Assembly instructions
Arabic	Х	-	-	-
Bulgarian	Х	-	Х	-
Chinese, traditional	Х	Х	Х	-
Chinese, simplified	Х	Х	Х	-
Danish	Х	Х	-	-
German	Х	Х	Х	Χ
English	Х	Х	X	Χ
Estonian	Х	-	-	-
Finnish	Х	Х	-	-
French	Х	Х	X	Χ
Greek	Х	-	-	-
Italian	Х	Х	Х	-
Korean	-	Х	X	-
Latvian	X	-	-	-
Lithuanian	X	-	-	-
Macedonian	Х	-	-	-
Dutch	X	Х	-	-
Norwegian	X	Х	-	-
Persian	X	-	-	-
Polish	X	Χ	X	-
Portuguese	X	Х	-	-
Romanian	X	-	-	-
Russian	X	Х	Х	-
Swedish	X	Х	-	-
Serbian	X	-	-	-
Slovak	X	Х	-	-
Slowenian	X	Х	-	-
Spanish	Х	Х	Х	-
Thai	Х	Х		-
Czech	Х	Х	Х	-
Turkish	Х	Х	-	-
Hungarian	Х	Х	-	-

# Dimensions









Print module weights	PX Q4.3	PX Q4	PX Q6.3
kg	11.5	11.5	12

# cab product overview

Label printers MACH1, MACH2



Label printers SQUIX 2



Label printer **XD4T** double-sided



Tube labeling systems **AXON** 



Label dispensers HS, VS



Label printers EOS 2



Label printers SQUIX 4



Label printers **XC** two-colored



Print modules PX Q



Labeling heads



Label printers EOS 5



Label printers **SQUIX 6.3** 



Print and apply systems HERMES Q



Labels and ribbons



Marking lasers



Label printers MACH 4S



Label printer A8+



Print and apply systems Hermes C two-colored



Label software cablabel S3



Laser marking systems



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