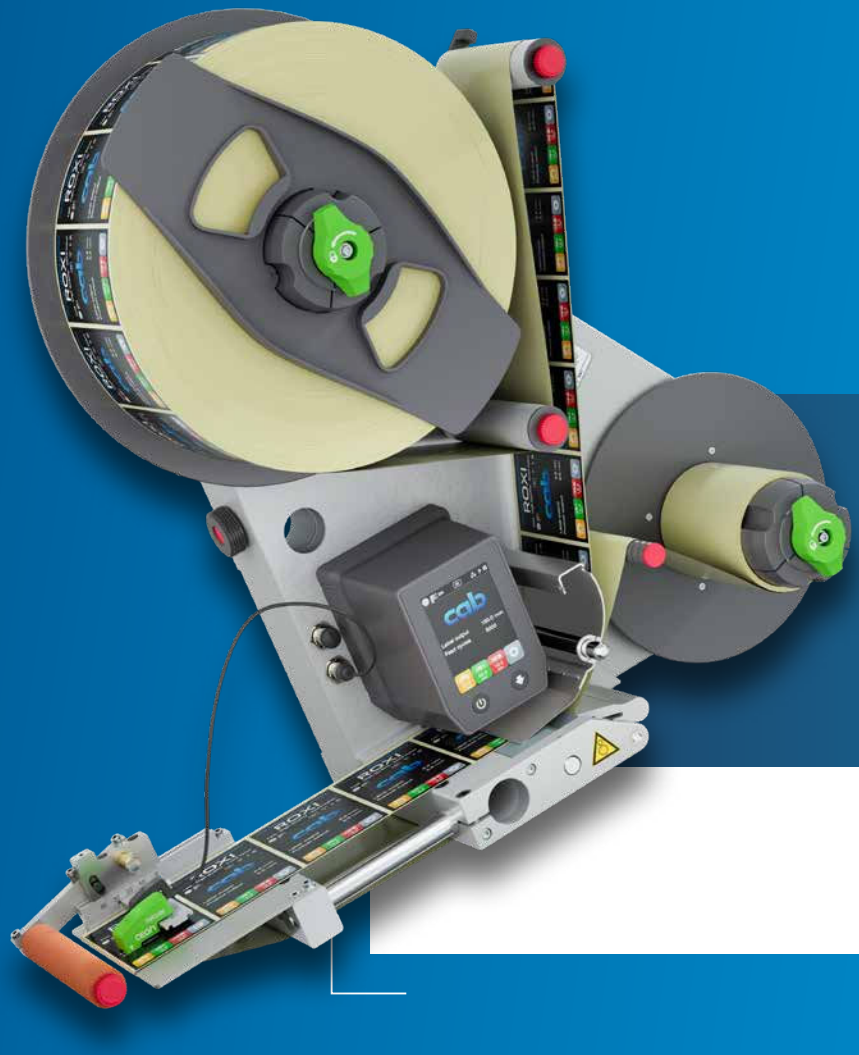
Status: 09/2025



Labeling heads
for industrial use

ROXI
Made in Germany

Overview of labeling heads

ROXI

ROXI labeling heads

for label webs running as fast as 30 m/min

Roll diameter	max. 310 mm
Width of material	max. 180 mm

Peripherals

Print module and loop control

installed at a minimum depth of 85 mm behind the material-locating edge

for ROXI and IXOR labeling heads
Technical data correspond with PX Q print modules
Available from quarter 1/2026
See separate data sheet

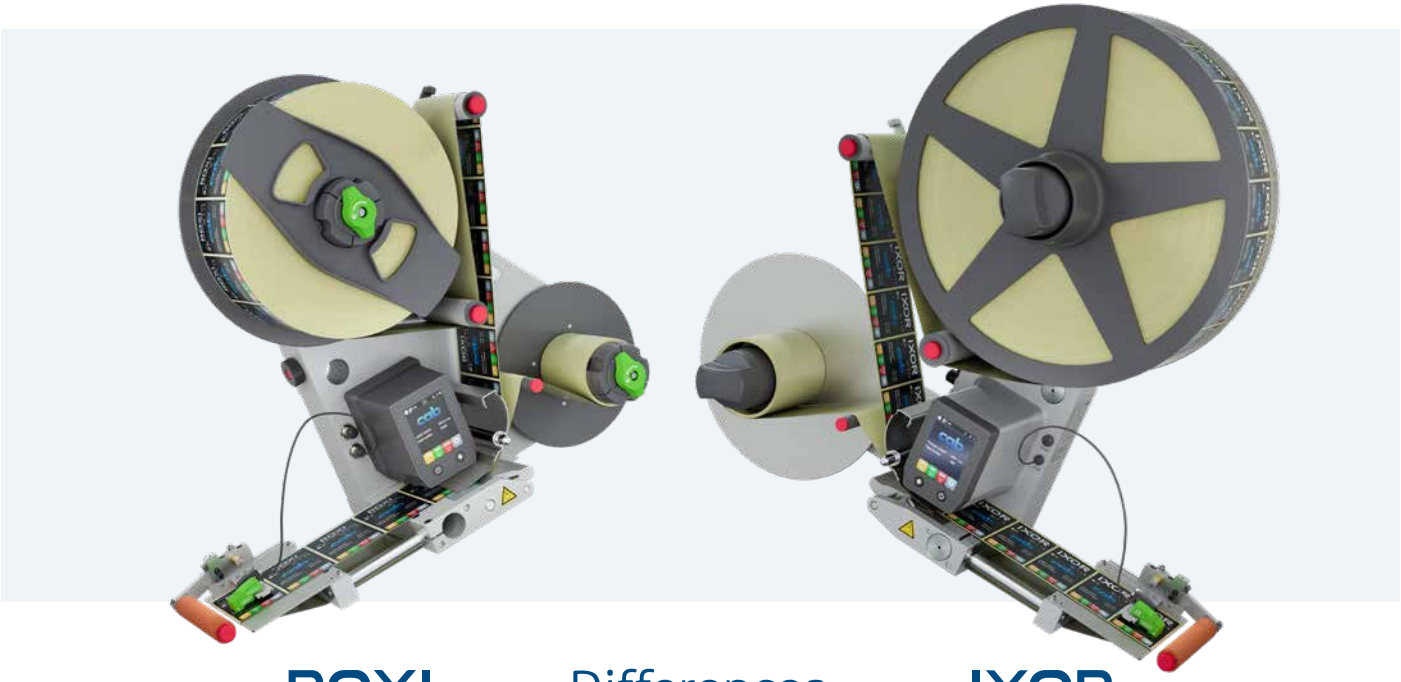
HERMES HQ applicators

for labeling items at rest

for ROXI labeling heads
Technical data correspond with HQ applicators
Available by end of 2025
See separate data sheet

Labeling heads by comparison

ROXI



ROXI	Differences	IXOR
One unit for any application	**Design**	Modular; rewinders / unwinders can be assembled independent from a base unit
as fast as 30 m/min	**Label web speed**	Operated with mechanical or motoric winders as fast as 120 m/min (200 m/min upon request)
Roll diameter max. 310 mm	**Unwinders**	Roll diameter max. 410 mm / 510 mm upon request
vertical and horizontal, as requested	**Installation**	Vertical, taking an extended sleeve retainer into consideration for margin stop
IP 40	**Protection class**	IP 66
Cold appliance socket	**Power plug**	M12 circular connector
RJ45	**Ethernet**	M12 circular connector
Two A type USB hosts	**Apply**	M12 circular connector for one USB host (via adapter cable) Peripheral interface for connecting a printer and controlling a label transfer unit Configurable I/O interface with two inputs and one output

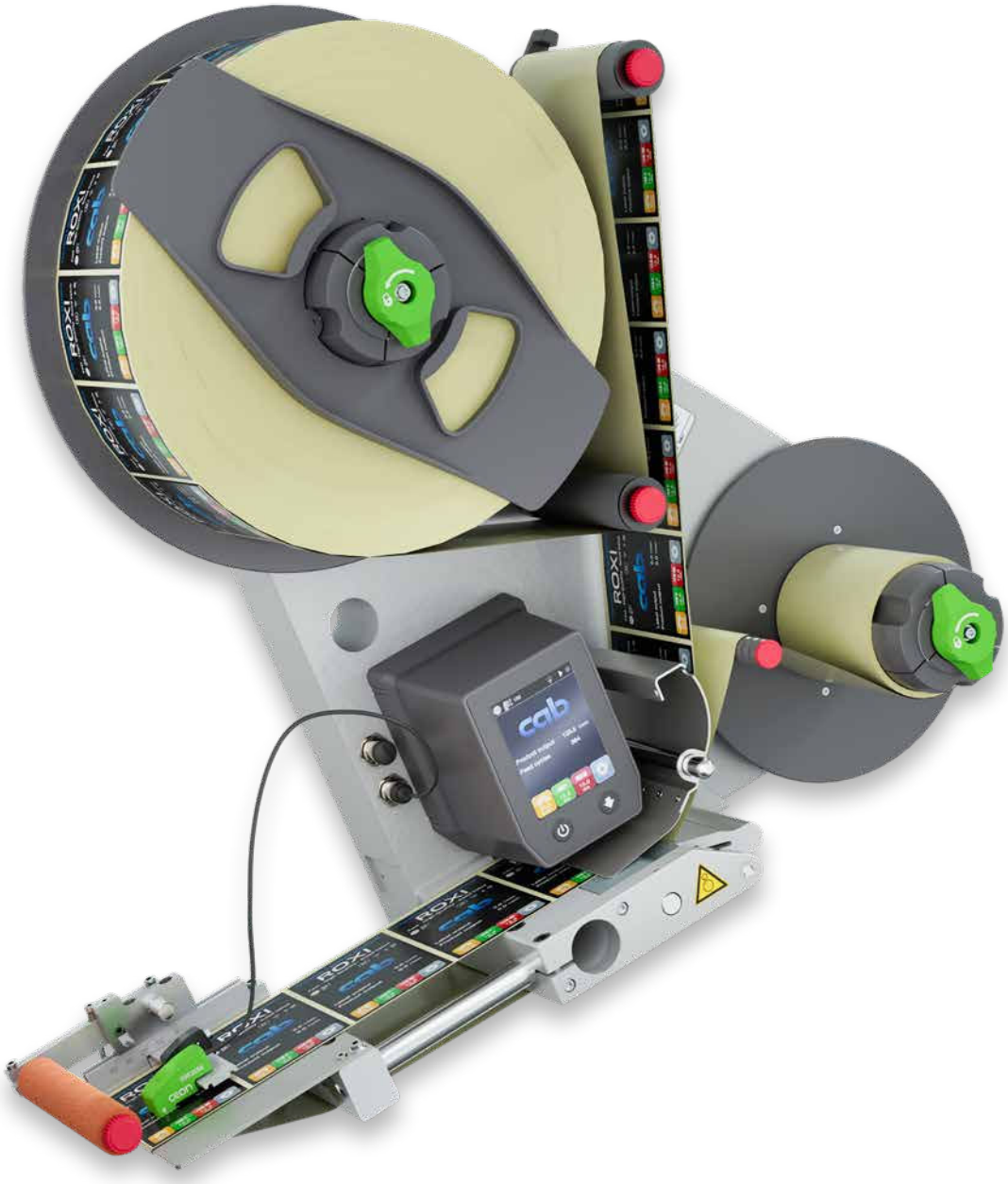
Common features

Installation dimensions
Firmware
User interface
Demand modules
Wipe-down rollers
Sensors
Interfaces
Accessories
Assembly assistance

Labeling head

Precise insert labeling
Solid construction, perfect in every way
Advanced electronics and software

Small price – great performance
A future-proof investment



Compact and slim design
Easy to install into production lines or labeling systems

Any assembly
Vertical, horizontal, inclined, providing labels to the left or right

High quality and reliability
Tried and tested functional modules Made in Germany

Durable and easy to maintain
Designed for continuous industrial use
Free firmware updates via Ethernet, USB interface or FTP software

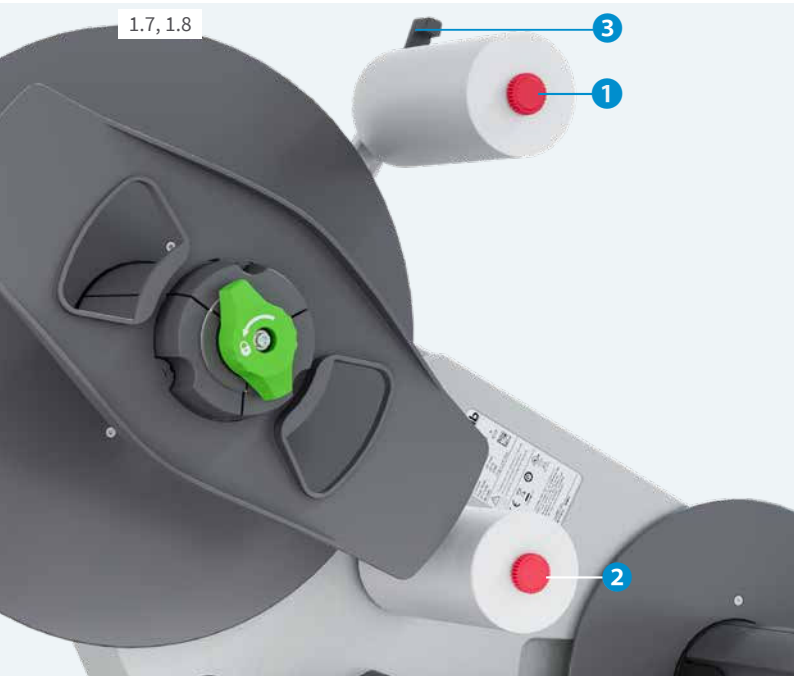
Dynamic speed control
A label web is fed automatically by a masterencoder (rotary → linear upon request) synchronous to the speed of an item on a conveyor.

Safety guaranteed
Certified by independently authorized testing labs

Short setup times
Quick and simple material changeover

Useful accessories
Columns, stands, connecting cables, and many others help with installation ready for use.

Options



UR D60 deflection rollers
Deflection rollers 1 and 2 with a diameter of 60 mm help with materials that detach from a liner material when bent at a tight radius. In addition, the guide 3 must be replaced.

	Types	Diameters mm	Widths B mm
Deflection roller	**UR D60/62**	60	62
	UR D60/124	60	124
	UR D60/186	60	186
Guide	**FR D60**	-	-

URT deflection rollers, anti-stick-coated
Their use reduces maintenance and cleaning cycles.
Deflection rollers 1 and 2 are anti-stick-coated to prevent from adhesive residues on the surfaces.

	Types	Diameters mm	Widths mm
Deflection roller	**URT D38/62**	38	62
	URT D38/124	38	124
	URT D38/186	38	186
	URT D60/62	60	62
	URT D60/124	60	124
	URT D60/186	60	186

Anti-stick-coated brake
Its use reduces maintenance and cleaning cycles.
The brake 3 is anti-stick-coated to prevent from adhesive residues on the surfaces.

	Type
Brake	**BRT 124/186**

Operation panel

ROXI

Intuitive and easy to operate
Rotatable by 180°, depending on the installation of a unit.

Unit configuration with the help of self-explanatory symbols on the user interface

Status bar
Speed, label winding, length of label feed, WLAN, start / stop signal

Operational and warning notes
Status and menu parameters

Counter and diagnostics
Configurable specified to an application

Quick menu
Stop delay
Start delay
Label web speed

Settings

ON / OFF

Pre-dispense

Label web speed
Synchronicity with speed of items
SPEED

Label position on an item
Multiple labeling
Start condition
START

Label stop on a demand module
Missing labels detected
Processing an external stop condition
STOP

Print settings
Control of an external printer or a label transfer module
PRINT

Label transfer settings
Control of optional applicators, air jet boxes, etc.
APPLY

System settings
Display, language, label web ending, interfaces
SYSTEM

User configuration
Any number of formats
Backup and restore by a PC
FORMAT

Charge counter
Automatic stop subsequent to a specified number of items
CHARGE

Service tools
Maintenance assistant, video tutorials, input and control of digital I/O for service purposes
SERVICE

Firmware

ROXI

Embedded Linux operating system

- Support 'out-of-the-box' of Open Source bundles and interfaces, such as FTP, SSL, Avahi/Zeroconf
- Regular updates for hotfixes and official CVE security patches
- Comprehensive release notes with each update

Full compatibility of labeling heads

- Same codebase on ROXI and IXOR
- Identical firmware file
- Further developments are immediately available on every unit.

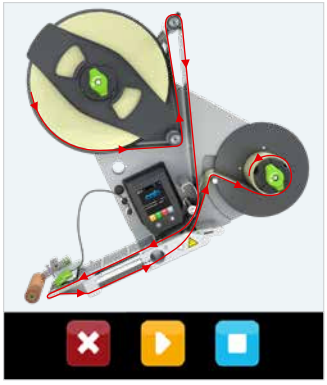
Maintenance and diagnostics

- Web Interface
- Event log for activity tracking
- Diagnostics files in standardized XML text format

Interfaces and user-specific features

	USB stick	Web interface	FTP software
Access to entire documentation of a unit	✓	✓	✓
Backup and restore	✓	✓	✓
Configuration reading and import	✓	✓	✓
Firmware update	✓		✓

VNC LAN / WLAN
Remote control by a PC, smartphone, tablet



Feed path schemes
On display

Upgrades

- Protocols such as MQTT as well as features like the masterencoder can be unlocked by key (online purchase).

Remote support

- Diagnostics service by use of an existing customer network
- Special software oscilloscope, maximum resolution 1 ms, for unlimited use during production

Integral Ethernet protocols for higher-level machine control systems

- **MQTT, ModBus TCP**
- **OPC UA**
- **Profinet** available from December 2025
- Access via PLC and an industrial PC to parameters, I/O signals, error messages
- Unlocked by key

Redundancy

- Two labeling heads can be operated redundantly and continually in an Ethernet network.
- While one dispenser actively applies labels onto items, another unit is on standby. In cases of a malfunction on an active unit (e.g. a label web ending), the second takes over immediately.
- All items located between the units are labeled.
- The product sensor and the rotary encoder each are provided once for both labeling heads. Signals are transmitted to both labeling heads via a distributor.
- An adapter is required for Ethernet connection.
- Unlocked by key

Interfaces

ROXI

1 Power plug

2 Cold appliance socket

3 Two USB hosts
for a warning light, an external operation panel, USB / WLAN stick

4 Ethernet
TCP/IP data transmission

5 START
By signal, for example a product sensor

6 SYNC

A label web is synchronized by a masterencoder (rotary → linear upon request) to the speed of an item on a conveyor

7 I/O
Compliant to IEC/EN 61131-2, type 1+3
All inputs and outputs protect from reverse polarity.
Outputs are also short-circuit proof

Digital inputs
Labeling head ON
Pre-dispense
Start labeling
Start labeling locked
Error reset
User-defined

Analog inputs
Speed
Start delay
Stop delay

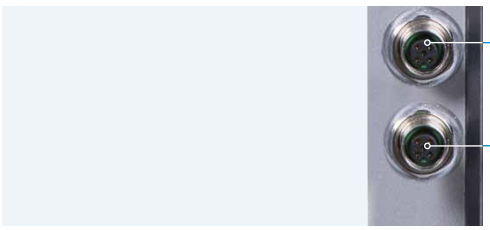
Digital PNP outputs
Labeling head ready
Pre-dispense
Stop label feed
Label feed running
Label missing on liner
End of label web
Prior warning to label web ending
Error
User-defined

Status indications on the operation panel

all inputs and outputs

Helpful with initial setup, especially when integrating a labeling head in external control systems

Inputs and outputs can be simulated or forced for testing purposes.



8 PRINT & APPLY
Peripheral interface for plugging a printer and controlling a transfer unit with 24 VDC

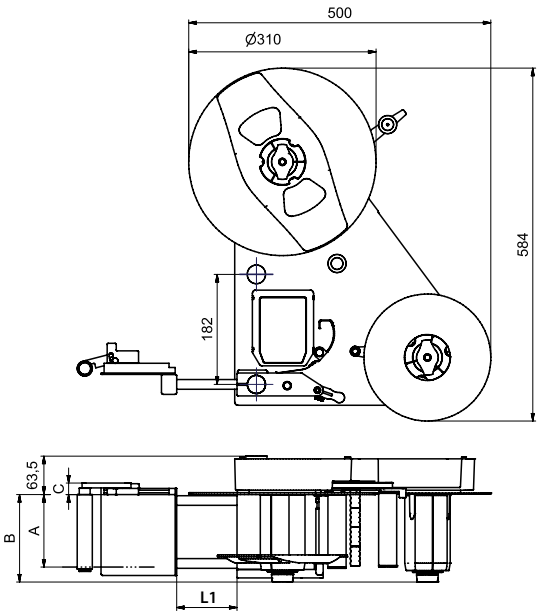
9 STOP
Plug of a label sensor for detecting the leading edge of a label optically or inductively

Technical data

ROXI

Labeling head		Types	ROXI 60	ROXI 120	ROXI 180
Label web speed		m/min max.	30	30	20
Cycle rate		labels/min	It is determined by the length of a label and the speed of an item running on a conveyor and can be simulated on the operation panel.		
Installation			vertical / horizontal		
Direction to which labels are provided			L = to the left, R = to the right		
Material[1]					
Label		on a roll	paper, synthetics PET, PE, PP, PVC / booklets upon request		
	Width	mm	10 - 56	10 - 116	10 - 176
	Length at feeding	mm	10 - 6,000		
	Gap	mm at least	2		
	Thickness	mm	0.055 - 1.0		
Liner	Width	mm	15 - 60	15 - 120	15 - 180
Roll	Weight	kg max.	12		
Unwinder	Outside diameter	mm	300		
	Core diameter	mm	76		
	Winding		outside or inside		
Rewinder	Outside diameter	mm	210		
	Core diameter	mm	76		
Label sensor					
		Features	detection of label margins and materials ending		
Distance to locating edge	CEON	mm	9 - 30	9 - 60	9 - 90
	GAB 500-1	mm	7.5 - 17.5		
	GAB 500-2	mm	8 - 40		
Operating data					
Voltage			100 - 240 V~, 50 - 60 Hz		
Temperature / humidity		Operation	5° - 40 °C / 10 % - 85 %, not condensing		
		Stock	0° - 60 °C / 20 % - 85 %, not condensing		
		Transport	–25° - 60 °C / 20 % - 85 %, not condensing		
Approvals			CE, FCC Class A, ICES-3		
		in preparation	cULus, CB		
Protection class			IP 40		
Operation panel					
		LED	ON / OFF, FEED		
LCD graphics display	Width x Height	mm	54 x 70		
Control					
			Prior warning to a label web ending, broken liner torque, temperature, voltage		

[1] Limitations can occur when processing small labels, thin materials or materials using a strong adhesive. Such applications require testing.



Labeling head	Dimensions A mm	Dimensions B mm	Weights kg
ROXI 60	60	140	11.5
ROXI 120	120	145	12
ROXI 180	180	205	13

Demand module	Dimensions C mm
SP	19
SPE	24
SPFA	19

Mounting rod	Dimensions L1 mm
MS 25	25
MS 100	100
MS 200	200
MS 300	300
MS 400	400

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

Demand units

They have a modular design.

Settings for wipe-down rollers, brushes and sensors can be reproduced using scales.

All adjustments can be made with a Torx screwdriver even during labeling.

Wear parts such as wipe-down rollers and brushes can be replaced without additional tools for maintenance or cleaning, so can deflection rollers.

Adaptation in five steps:

1. Demand module

A label is inserted from the side.
A module cam be configured as required.

2. Carriage

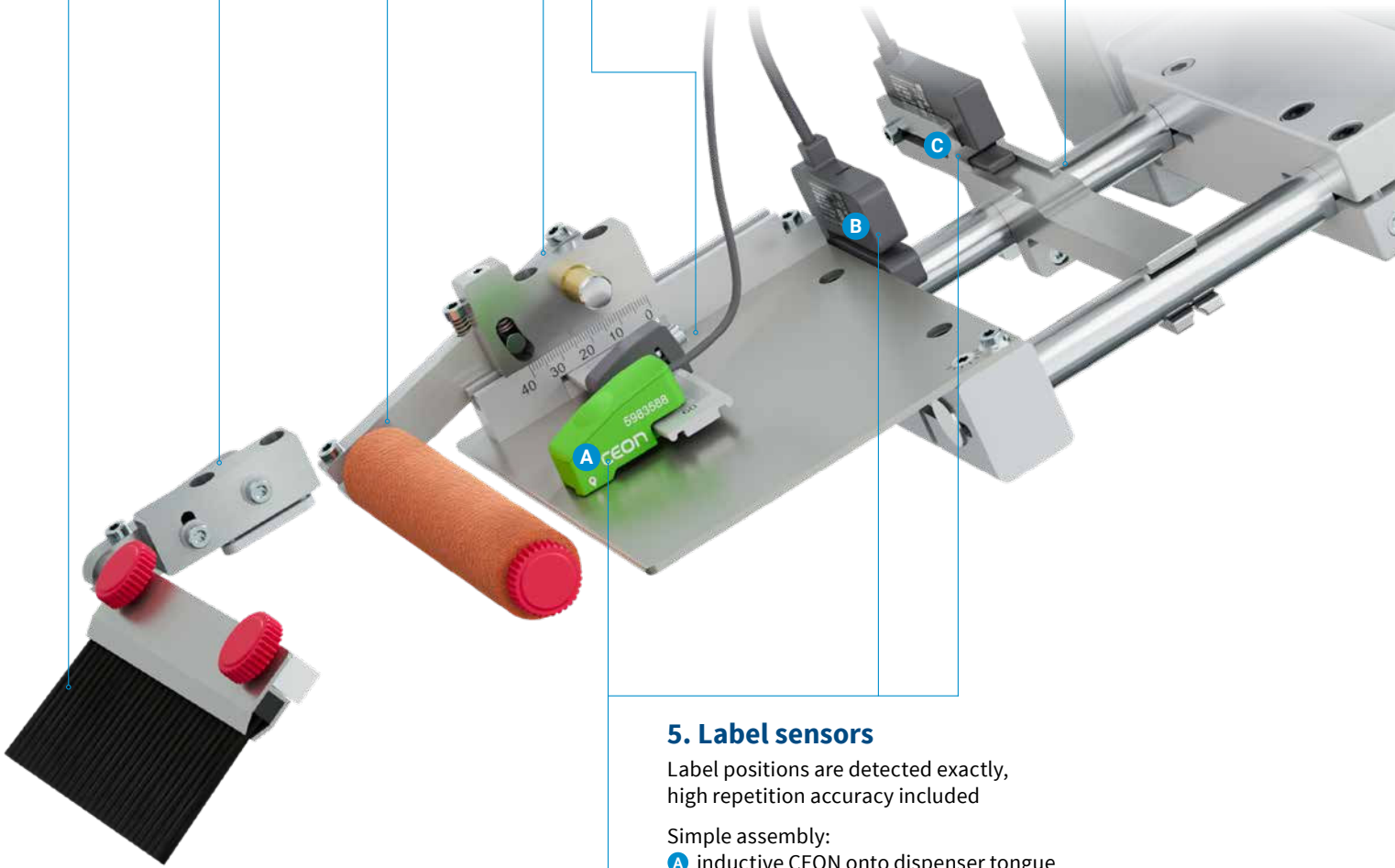
It is used for adjusting the distance of a wipe-down roller respectively brush to the peel-off plate.

3. Wipe-down roller or brush

Labels when attached insert are precisely applied onto items using a roller or a brush. These can be precisely tailored to an item for optimum labeling.

4. Mounting rods

They are assembled both to the profiles of a demand module and a labeling head.



5. Label sensors

Label positions are detected exactly, high repetition accuracy included

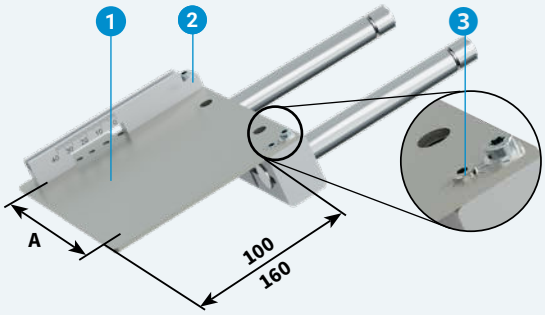
Simple assembly:
- A inductive CEON onto dispenser tongue
- B Forked light barrier GAB 500-1 onto demand module
- C Forked light barrier GAB 500-2 onto retainer

Demand modules

ROXI

A demand module consists of a dispenser tongue 1 and a guide 2. SP and SPE modules are provided in constructional lengths 100 mm and 160 mm.

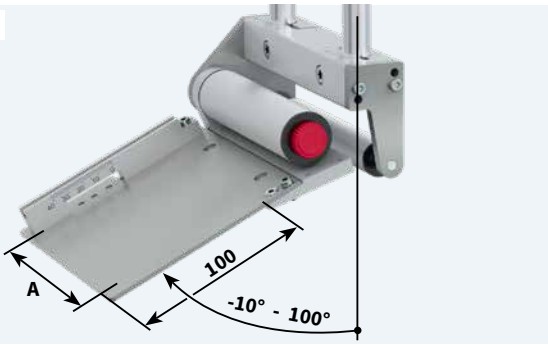
3.1



SP demand modules
They are attached to the two mounting rods.
The path of a label web can be aligned even during labeling using an extender 3.

	Direction to which labels are provided				Dimensions A mm
	Types left		Types right		
Demand module	**SP 100/60L**	**SP 160/60L**	**SP 100/60R**	**SP 160/60R**	60
	SP 100/120L	**SP 160/120L**	**SP 100/120R**	**SP 160/120R**	120
	SP 100/180L	**SP 160/180L**	**SP 100/180R**	**SP 160/180R**	180

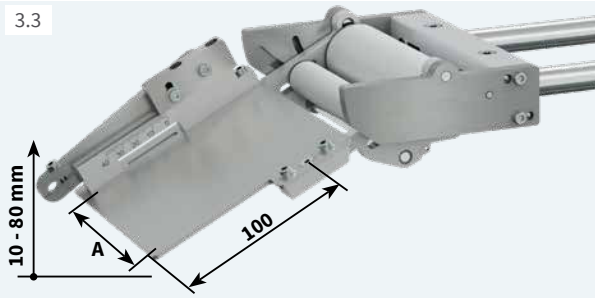
3.2



SPE demand modules, adjustable
For better operation or when space is limited, a labeling head may be installed rotated in vertical direction. Applying labels then requires a dispenser tongue continuously adjustable from -10° to 100°.

	Direction to which labels are provided		Dimensions A mm
	Types left	Types right	
Demand module	**SPE 100/ 60L**	**SPE 100/60R**	60
	SPE 100/120L	**SPE 100/120R**	120
	SPE 100/180L	**SPE 100/180R**	180

3.3



SPFA demand modules, spring-forced, pivotable
When labeling insert onto curved surfaces, demand modules may adapt to the surfaces and heights of items by spring force.
Pivoting heights can be adjusted from 10 mm to 80 mm.
Use requires a wipe-down roller.

	Direction to which labels are provided		Dimensions A mm
	Types left	Types right	
Demand module	**SPFA 100/60L**	**SPFA 100/60R**	60
	SPFA 100/120L	**SPFA 100/120R**	120
	SPFA 100/180L	**SPFA 100/180R**	180

3.4

upon request

SPEA demand modules, electrically pivotable
The dispenser tongue can be pivoted electrically when dealing with sensitive surfaces, when labeling onto cylindrical items or into pockets.
Pivoting heights are 10 mm to 20 mm.
Use requires a wipe-down roller.

	Direction to which labels are provided		Dimensions A mm
	Types left	Types right	
Demand module	**SPEA 100/60L**	**SPEA 100/60R**	60
	SPEA 100/120L	**SPEA 100/120R**	120
	SPEA 100/180L	**SPEA 100/180R**	180

3.5

upon request

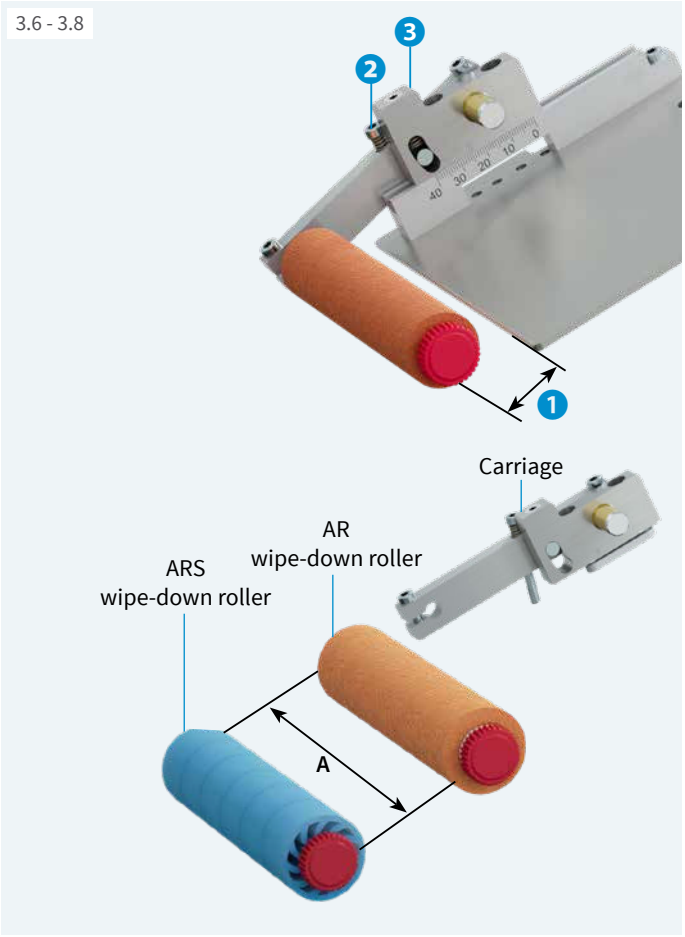
ARE wipe-down rollers, electrically pivotable
A wipe-down roller can be pivoted electrically when dealing with sensitive surfaces, when labeling onto cylindrical items or into pockets.
Pivoting heights as high as 10 mm

	Direction to which labels are provided		Dimensions A mm
	Types left	Types right	
Wipe-down roller	**SPEA 100/60L**	**SPEA 100/60R**	60
	SPEA 100/120L	**SPEA 100/120R**	120
	SPEA 100/180L	**SPEA 100/180R**	180

Carriages, wipe-down rollers and brush

ROXI

3.6 - 3.8



Carriages
The carriage is installed on the guide of a demand module.

Three-part adjustment of wipe-down roller:
1 Distance 5 mm to 40 mm to a peel-off plate
2 Lower end position of roller to an item
3 Wipe-down force onto an item by spring preload

Direction to which labels are provided	Type left	Type right
Carriage	**AL**	**AR**

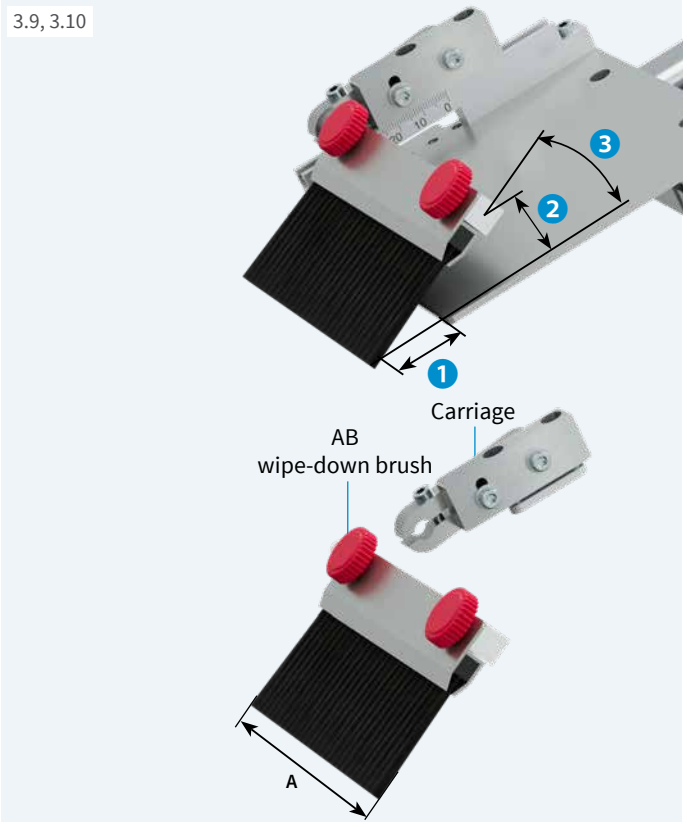
AR wipe-down rollers
Material: open-cell foam for standard applications
The roller is installed on the lever.
It can be replaced without tools when worn.

	Types	Dimensions A mm
Wipe-down roller	**AR 60**	62
	AR 120	124
	AR 180	186

ARS wipe-down rollers
Material: FDA approved silicone
10 times longer service life compared to open-cell foam
Suitable for food applications and clean rooms
The roller is installed on the lever.
It can be replaced without tools when worn.

	Types	Dimensions A mm
Wipe-down roller	**ARS 40**	41
	ARS 60	62
	ARS 120	124
	ARS 180	186

3.9, 3.10



Carriage
The carriage is installed on the guide of a demand module.

Three-part adjustment of wipe-down brush:
1 Distance 1 mm to 35 mm to a peel-off plate
2 Height to a peel-off plate
3 Angle of 15° to 45°

	Type left and right
Carriage	**B**

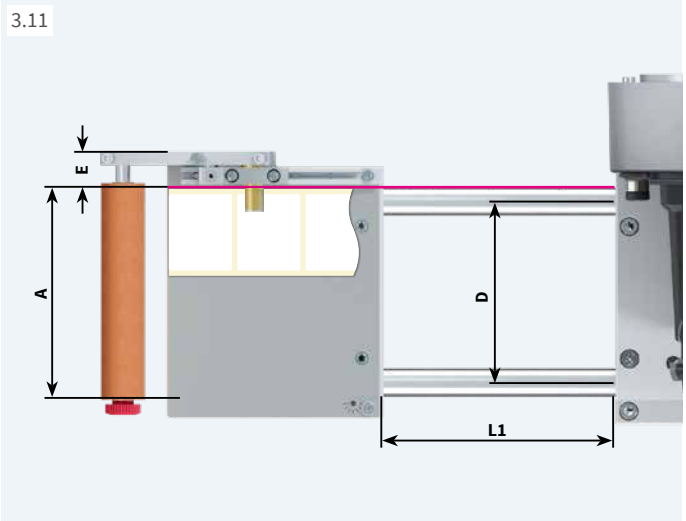
AB wipe-down brushes
Use with standard labels at least 20 mm wide and 20 mm high.
The brush is installed directly on the carriage using a square shaft.
It can be replaced without tools when worn.

	Types	Dimensions A mm
Wipe-down brush	**AB 60**	62
	AB 120	124
	AB 180	186

Mounting rods

ROXI

3.11



Mounting rods
Material: stainless steel, diameter 16 mm
They are assembled both to the profiles
of a demand module and a labeling head.

	Types	Dimensions L1 mm
Mounting rod	**MS 25**	25
	MS 100	100
	MS 200	200
	MS 300	300
	MS 400	400

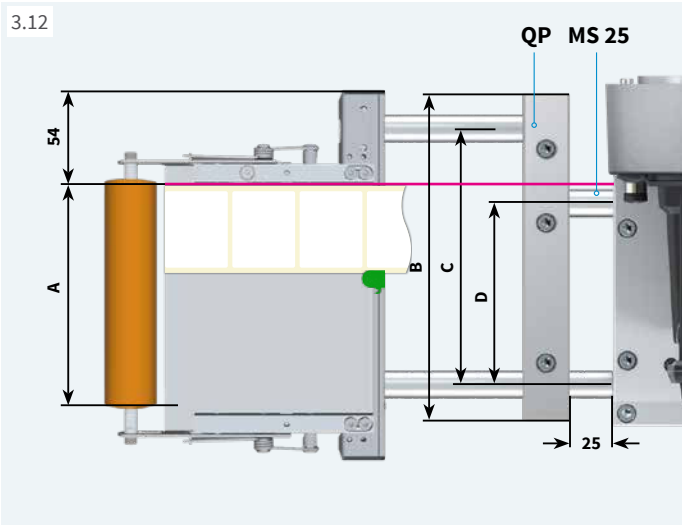
Further lenghts upon request

	Dim. E mm
SP demand module	20
SPE demand module	24
SPFA demand module	20

	Dim. A mm	Dim. D mm
SPxx 60 demand module	60	104
SPxx 120 demand module	120	104
SPxx 180 demand module	180	166

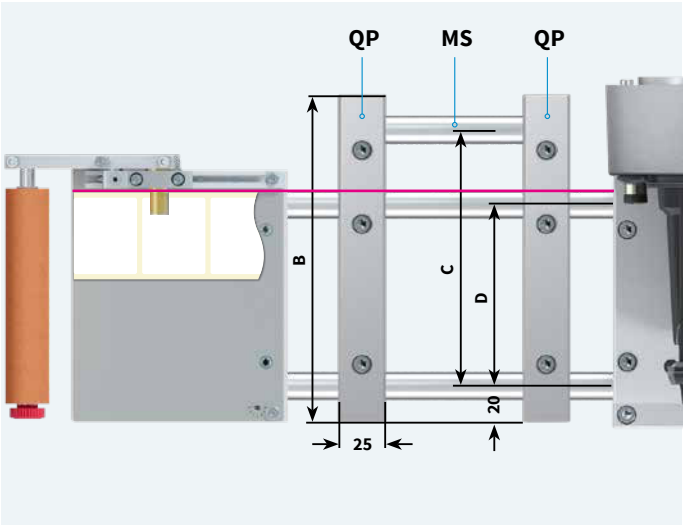
Cross-section profiles

3.12



Assembly of IXOR peel-off plates and wipe-down rollers
Dimension D is adjusted to C using a QP cross-section profile
and MS 25 mounting rods.

	Types	Dispenser tongue Dimensions A mm	Dim. B mm	Dim. C mm	Dim. D mm
Profile	**QP 180**	60	186	146	104
	QP 180	120	186	146	104
	QP 248	180	248	208	166
Rod	**MS 25**	–	–	–	–



A third MS mounting rod and further QP cross-section profiles
may be added for reinforcing long mounting rods
or attaching accessories.

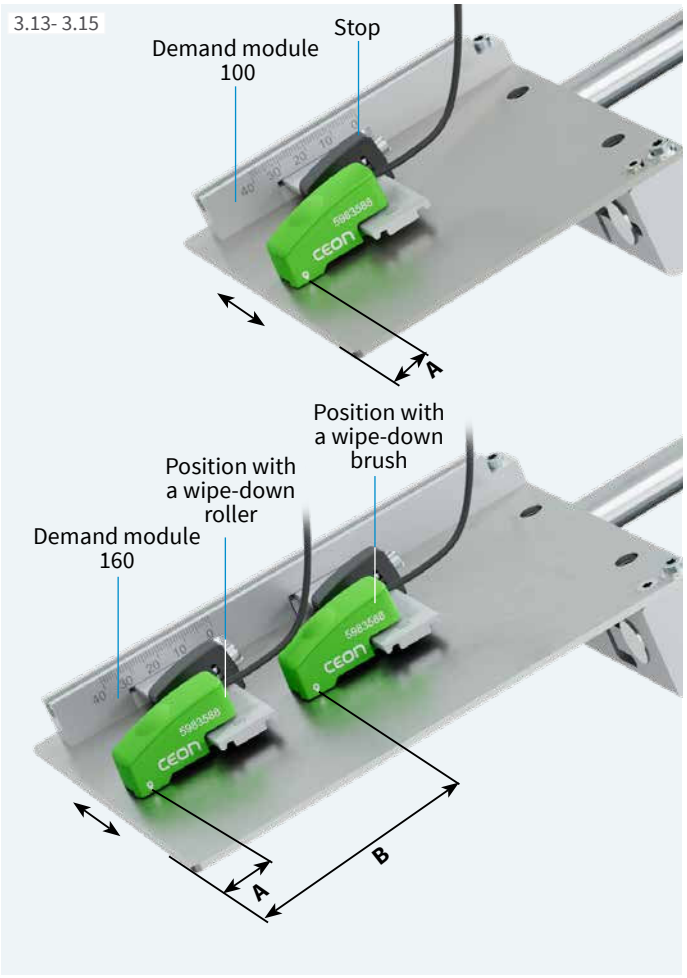
	Types	Dimensions B mm	Dimensions C mm	Dimensions D mm
Profile	**QP 186**	186	146	104
	QP 248	248	208	166

Lengths of mounting rods as required

Sensors

ROXI

3.13- 3.15



CEON label sensor
It is connected to the labeling head via a smart communication interface. Teaching is performed on the operation panel.
Entire calibration takes just two labels.

A ceramic probe inductively detects the difference in height from a liner to the top of a label. The sensor can be aligned along the retainer bar. Distances can be easily set using a scale.

		CEON label sensor
Functional method		inductive, using a ceramic probe
Material Label		paper, synthetics, opaque or transparent
Liner		opaque, transmissive or transparent
Thickness of a label	mm	0.05 - 1.0
Gap between labels	mm	>2
Accuracy of repetition	mm	± 0,05

Retainer bar
Three lengths are provided. It is assembled in conjunction with a stop onto the dispenser tongue.
Distance A is optimized for wipe-down rollers and brushes.

Stop
It is adjustable for accurate spotting after sensor disassembly.

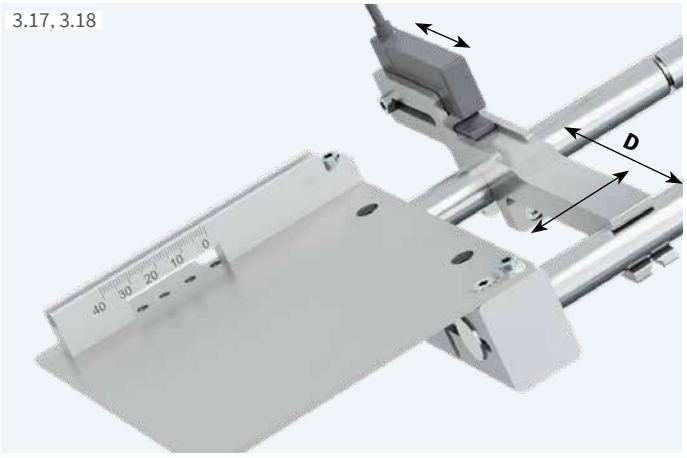
	Types	Sensor distant to locating edge mm	With stop in use mm
Retainer bar	**CEON 30**	10 - 30	20 - 30
	CEON 60	10 - 60	20 - 60
	CEON 90	10 - 90	20 - 90
Distance to locating edge	Dimension A is alignable from 14 mm to 24 mm A wipe-down roller is recommended with 14 mm, 24 mm prefers a wipe-down brush.		
	Dimension B 74 mm prefers a wipe-down brush.		

3.16

GAB 500-1 forked light barrier
Assembled onto a demand module
Sensor distances to the locating edge are 7.5 mm to 17.5 mm

		GAB 500-1 forked light barrier
Functional method		optical, transmitter receiver
Material Label		paper, synthetics, opaque
Liner		transmissive, transparent
Material gap	mm	3
Gap between labels	mm	>2
Accuracy of repetition	mm	± 0.05
Range of adjustable distance to locating edge	mm	7.5 - 17.5

3.17, 3.18



GAB 500-2 forked light barrier
Assembled onto a retainer
Sensor distances to the locating edge are 8.0 mm to 40 mm.

		GAB 500-2 forked light barrier
Functional method		optical, transmitter receiver
Material Label		paper, synthetics, opaque
Liner		transmissive, transparent
Material gap	mm	5
Gap between labels	mm	>2
Accuracy of repetition	mm	± 0.05
Range of adjustable distance to locating edge	mm	8.0 - 40

Retainer for assembly at any spot to mounting rods, fixed by screws

	Types	Dimensions D mm
Retainer	**GAB 500-2/124**	104
	GAB 500-2/186	166

Accessories

4.1, 4.2

Product sensor
Dispensing a label is triggered as soon as an item has been detected. 200 mm maximum detectable track

Cable M12-M8, 5 pins, a-coded, 2.5 m included

4.3

4.4

4.5

Rotary encoder
Incremental, resolution 0.1 mm, tracked A and B
Connecting cable M12, 5 pins, a-coded, 2.5 m
for automatically synchronizing the speed of labeling
Unlocked by key

Friction wheel
Circumference 200 mm, diameter 63.7 mm

Retainer
It presses a friction wheel by spring force onto a conveyor.
Assembly to a conveyor requires a mounting bracket.

4.6

4.7

External operation panel
Same functionality as on a labeling headunit

Users are free to decide whether to operate
an external panel or the one integral to a dispenser.

1. **USB slot**, transmitting configuration or firmware transfer
2. **LED:** Power ON

Connecting USB cables 1.8 m, 3 m, 5 m (11 m upon request)

4.8

Warning light
Plugged to a labeling head

Red Collective error, e.g. label web ending, broken liner
Yellow Prior warning to a label web ending
Green Unit ready

Connecting USB cable 1 m

Cables and plugs

4.15

4.16

I/O interface cable, wire-end-ferruled
M12, 17 pins, 5 m

Extending I/O cable
M12, 17 pins, 2.5 m, 10 m

4.17

Cable plug M12, 5 pins, a-coded, male
Circular connector to base unit START, PRINT & APPLY, STOP

Cable jack M12, 5 pins, a-coded, female
Circular connector to base unit SYNC

4.18

4.19

4.20

Distributor / adapter Ethernet for redundant operations

The product sensor and the rotary encoder
each are provided once for both labeling heads.
Signals are transmitted to both labeling heads via a distributor.

Distributor M12, 5 pins, a-coded:
1 x female → 2 x male for a product sensor
1 x male → 2 x female for a rotary encoder

Ethernet connection requires a **RJ45 adapter**.

Assembly assistance

ROXI

Labeling heads may be installed user-specific into production lines or labeling systems. Retainers, columns and floor stands make up a construction kit.

See current data on the Internet

Unit retainers

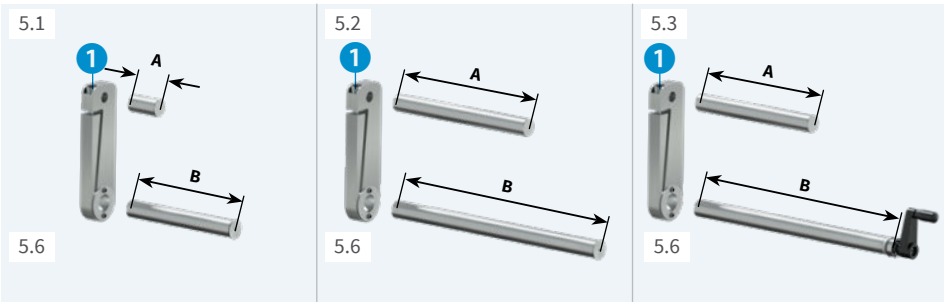
Mounted on two columns, a labeling head may be installed upright or horizontal.

Dispensing angles are set by a ① tie rod. In addition, the spot of dispensing a label can be aligned on the columns.

The upper column is attached to the tie rod, the lower one along with a bearing bush to a plate, a profile or a column stand.

Swivel-mounted, the tie rod is fixed by a clamping screw.

Both columns may also be attached directly to a plate or a profile. At this, the dispensing angle (inclination) remains fixed.



		Unit retainer fixed		Unit retainer alignable		Unit retainer fine adjustable	
Installation	upright	■		■		■	
	horizontal	■		-		■	
On axis	alignable	-		■		-	
	fine adjustable	-		-		■	
		120	**180**	**120**	**180**	**120**	**180**
Dimension A	mm	56	26	270	270	236	236
Dimension B	mm	223	285	417.5	479.5	417 + 135	479 + 135
Range of adjustability	mm	-		200		135	

Assembly assistance

ROXI

Column stands

Assembly of a labeling head to a base plate or a conveyor
Position setting using a hand crank

Column stand		600	400
Column length	mm	600	400
Adjustable track	mm	395	195
Column diameter	mm	30	30

5.7

Adjusting disc

It is assembled to the column stand guide.
Another column stand is attached to it rotatable
in perpendicular direction. Adjustable angles are 0° to 45°

5.11

1632 floor stand

Primarily suggested when **applying labels from the top.**
As a mobile tool, it can be locked and set on-site by leveling feet.

		1632 floor stand
Leveling feet	adjustable by mm	± 15
Load	kg max.	50
Load at offset 300 mm	kg max.	25
Distance from lower margin of a label to the floor	mm	880 - 1.200
Column stand 600		■
Column length	mm	600
Adjustable track	mm	395
Weight	kg approx.	40

5.12

1231 floor stand

Primarily suggested when **applying labels from the side.** It can be adapted to heights and be locked and set on-site by leveling feet.

		1231 floor stand
Leveling feet	adjustable by mm	± 15
Load	kg max.	50
Load at offset 200 mm	kg max.	20
Distance from lower margin of a label to the floor	mm	664 - 904
Column stand 600		■
Column length	mm	600
Adjustable track	mm	395
Tie rod		■
Unit retainer fine adjustable		■
Dimension of adjustability	mm	135
Weight	kg approx.	40

5.13

Delivery program

ROXI

Labeling heads

Labels provided to the left

Pos.		Item no.	Designation
1.1		**6130760.xxx**	ROXI 60 L labeling head
1.2		**6130120.xxx**	ROXI 120 L labeling head
1.3		**6130180.xxx**	ROXI 180 L labeling head

Labels provided to the right

Pos.		Item no.	Designation
1.1		**6130765.xxx**	ROXI 60 R labeling head
1.2		**6130125.xxx**	ROXI 120 R labeling head
1.3		**6130185.xxx**	ROXI 180 R labeling head

xxxxxxx.250 additional software unlocked GAB 500-2 installed

Scope of delivery
ROXI labeling head Knowledge Base

Labeling heads and demand units are delivered unassembled in one package.

Provided online
Assembly instructions DE / EN / FR Configuration manuals DE / EN / FR Service manuals DE / EN Spare parts lists DE / EN Programming manual EN

https://setup.cab.de/en

Additional software

If order implies additional software been unlocked ex factory, item numbers are added by .250. In cases of separate delivery .001 is added.

Pos.		Item no.	Designation
1.4		**5581022.xxx**	FQ MQTT
			FM ModBus
			FP Profinet (in preparation)
			FO OPC UA Server
1.5		**5581023.xxx**	FR MQTT redundancy
1.6		**5581020.xxx**	ME Masterencoder

xxxxxxx.250 unlocked on a labeling head
.001 separate delivery

Options

Pos.		Item no.	Designation
1.7		**5908002.xxx**	UR D60/62 deflection roller
		5907996.xxx	UR D60/124 deflection roller
		5907995.xxx	UR D60/186 deflection roller
1.8		**6130629.xxx**	FR D60 guide
1.9		**6130766.xxx**	URT D38/62 deflection roller
		6130636.xxx	URT D38/124 deflection roller
		6130637.xxx	URT D38/186 deflection roller
1.10		**6130767.xxx**	URT D60/62 deflection roller
		6130632.xxx	URT D60/124 deflection roller
		6130633.xxx	URT D60/186 deflection roller
1.11		**6130698.xxx**	BRT 124/186 brake

xxxxxxx.250 assembled to a labeling head
.001 separate packing resp. spare part

See current data also on the Internet:
www.cab.de/en/roxi

Delivery program

ROXI

Demand units

If order implies demand units and its components been assembled ex factory, item numbers are added by .250. In cases of separate delivery .001 is added.

Labels provided to the left

Pos.		Item no.	Designation
3.1		**6130656.xxx**	SP 100/60L demand module
		6130657.xxx	SP 100/120L demand module
		6130658.xxx	SP 100/180L demand module
		**6130650.xxx**	SP 160/60L demand module
		6130651.xxx	SP 160/120L demand module
		6130652.xxx	SP 160/180L demand module
3.2		**6130662.xxx**	SPE 100/60L demand module
		6130663.xxx	SPE 100/120L demand module
		6130664.xxx	SPE 100/180L demand module
3.3		**6130468.xxx**	SPFA 100/60L demand module
		6130304.xxx	SPFA 100/120L demand module
		6130553.xxx	SPFA 100/180L demand module
3.4	upon request	**6130478.xxx**	SPEA 100/60L demand module
		6130479.xxx	SPEA 100/120L demand module
		6130555.xxx	SPEA 100/180L demand module
3.5	upon request	**6130531.xxx**	ARE 100/60L wipe-down roller
		6130532.xxx	ARE 100/120L wipe-down roller
		6130533.xxx	ARE 100/180L wipe-down roller

Labels provided to the right

3.1		**6130659.xxx**	SP 100/60R demand module
		6130660.xxx	SP 100/120R demand module
		6130661.xxx	SP 100/180R demand module
		**6130653.xxx**	SP 160/60R demand module
		6130654.xxx	SP 160/120R demand module
		6130655.xxx	SP 160/180R demand module
3.2		**6130665.xxx**	SPE 100/60R demand module
		6130666.xxx	SPE 100/120R demand module
		6130667.xxx	SPE 100/180R demand module
3.3		**6130477.xxx**	SPFA 100/60R demand module
		6130310.xxx	SPFA 100/120R demand module
		6130554.xxx	SPFA 100/180R demand module
3.4	upon request	**6130481.xxx**	SPEA 100/60R demand module
		6130482.xxx	SPEA 100/120R demand module
		6130556.xxx	SPEA 100/180R demand module
3.5	upon request	**6130536.xxx**	ARE 100/60R wipe-down roller
		6130537.xxx	ARE 100/120R wipe-down roller
		6130538.xxx	ARE 100/180R wipe-down roller

xxxxxxx.250 demand module assembled
.001 separate packing
resp. spare part

Labels provided to the left and right

Pos.		Item no.	Designation
3.6		**6130648.xxx**	AL carriage
		6130649.xxx	AR carriage
3.7		**6130460.xxx**	AR 60 wipe-down roller
		6130461.xxx	AR 120 wipe-down roller
		6130462.xxx	AR 180 wipe-down roller
3.8		**6130620.xxx**	ARS 40 wipe-down roller
		6130621.xxx	ARS 60 wipe-down roller
		6130622.xxx	ARS 120 wipe-down roller
		6130623.xxx	ARS 180 wipe-down roller
3.9		**6130616.xxx**	B carriage
3.10		**6130463.xxx**	AB 60 wipe-down brush
		6130464.xxx	AB 120 wipe-down brush
		6130551.xxx	AB 180 wipe-down brush
3.11		**6120069.xxx**	MS 25 mounting rod
		5972418.xxx	MS 100 mounting rod
		5972419.xxx	MS 200 mounting rod
		5972420.xxx	MS 300 mounting rod
		6120067.xxx	MS 400 mounting rod
3.12		**6130520.xxx**	QP 186 cross-section profile
		6130521.xxx	QP 248 cross-section profile
3.13		**5983588.xxx**	CEON label sensor
3.14		**6130600.xxx**	CEON 30 retainer bar, stop included
		6130601.xxx	CEON 60 retainer bar, stop included
		6130602.xxx	CEON 90 retainer bar, stop included
3.15		**6130582.xxx**	CEON stop
3.16		**6130452.xxx**	GAB 500-1 forked light barrier
3.17		**5918670.xxx**	GAB 500-2 forked light barrier
3.18		**6130690.xxx**	500-2/124 retainer
		6130704.xxx	500-2/186 retainer

Wear parts

Pos.		Item no.	Designation
3.19		**6130560.001**	60 wipe-down roller
		6130557.001	120 wipe-down roller
		6130563.001	180 wipe-down roller
3.20	 S 20 wipe-down roller **6127710.001**	2 x for	ARS 40 wipe-down roller
		3 x for	ARS 60 wipe-down roller
		6 x for	ARS 120 wipe-down roller
		9 x for	ARS 180 wipe-down roller
3.21		**6130572.001**	60 wipe-down brush
		6130580.001	120 wipe-down brush
		6130573.001	180 wipe-down brush
3.22		**5983437.001**	CEON probe

Delivery program

ROXI

Accessories

Pos.		Item no.	Designation
4.1		**5918702.001**	Product sensor
4.2		**5918703.001**	Product sensor cable 2.5 m
4.3		**5918979.001**	Rotary encoder Connecting cable 2.5 m included
4.4		**5918981.001**	Friction wheel
4.5		**5918980.001**	Retainer
4.6		**6010186**	External operation panel
4.7		**5907718.001**	ROXI: Connecting USB cable 1.8 m
		5907730.001	ROXI: Connecting USB cable 3 m
		5907750.001	ROXI: Connecting USB cable 5 m
4.8		**6010560**	ROXI: Warning light Connecting USB cable 1 m included

Plugs

Pos.		Item no.	Designation
4.17		**5918483**	Cable plug M12, 5 pins, a-coded, male
		**5918480**	Cable jack M12, 5 pins, a-coded, female
4.18		**5918797**	Distributor for product sensor M12, 5 pins, a-coded 1 x female → 2 x male
4.19		**5918485**	Distributor for rotary encoder M12, 5 pins, a-coded 1 x male → 2 x female
4.20		**5918732**	RJ45 Ethernet adapter

Cables

Pos.		Item no.	Designation
4.15		**5918948**	I/O interface cable, wire-end-ferruled M12, 17 pins, 5 m
4.16		**5918421**	Extending I/O cable M12, 17 pins, 2.5 m
		5918941	Extending I/O cable M12, 17 pins, 10 m

Assembly assistance

Pos.		Item no.	Designation
5.1		**5983401.xxx**	Unit retainer 120 fixed
		5983402.xxx	Unit retainer 180 fixed
		**5983405.xxx**	Unit retainer 120 fixed, pivotable
		5983406.xxx	Unit retainer 180 fixed, pivotable
5.2		**5983409.xxx**	Unit retainer 120 alignable
		5983410.xxx	Unit retainer 180 alignable
5.3		**5983413.xxx**	Unit retainer 120 fine adjustable
		5983414.xxx	Unit retainer 180 fine adjustable
5.4		**5983431.xxx**	Mechanical digital display, vertical axis
		5983432.xxx	Mechanical digital display, horizontal axis
5.5		**5983428.xxx**	Mechanical digital display extender
5.6		**5971614.xxx**	Tie rod
5.7		**5983420.xxx**	400 column stand
		5983421.xxx	600 column stand
5.8		**5983427.xxx**	Angular gear
5.9		**5983417.xxx**	Mechanical digital display, vertical axis
		5983418.xxx	Mechanical digital display, horizontal axis
5.10		**5983428.xxx**	Mechanical digital display extender
5.11		**5972532.xxx**	Adjusting disc
5.12		**5983425.xxx**	1632 floor stand 600 column stand included
5.13		**5983426.xxx**	1231 floor stand

xxxxxxx.250 **assembled to a labeling head**
.001 **separate packing**
resp. spare part

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

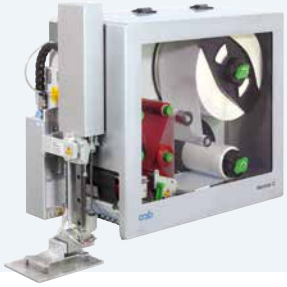
Label printers
SQUIX 8.3

Label printers
XD Q double-sided

Label printers
XC Q 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

Labeling heads
HS, VS

Labeling heads
IXOR

Marking lasers
XENO 4

Laser marking systems

See product information on **www.cab/en**