Status: 01/2026

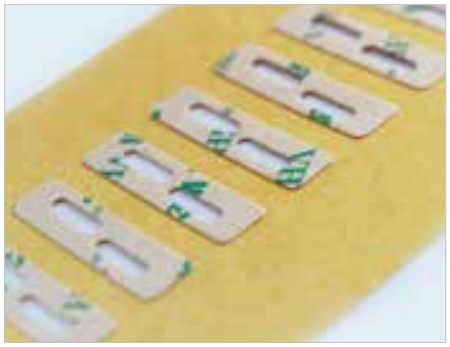
ROXI

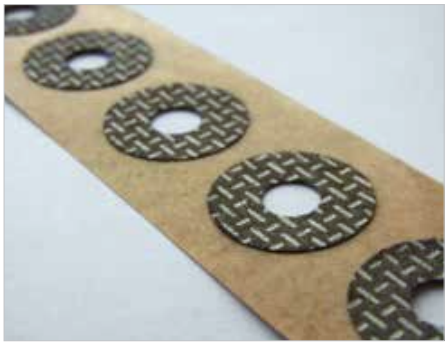
with HERMES applicators

Labeling systems for industrial use

Made in Germany

Sample applications





ROXI labeling head with a HERMES Q applicator

ROXI

Precise application of labels and molded parts:

- **Protective films**
- **GORE-TEX membranes**
- **Gaskets**
- **Heat conduction pads**
- **Shields**

Products of variable heights

Labeling onto objects at rest; insert labeling using a blow-on / roll-on pad

Solid construction, perfect in every way

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

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

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

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.

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

System settings
Display, language, label web ending, interfaces

FORMAT

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

CHARGE

Charge counter
Automatic stop subsequent to a specified number of items

SERVICE

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

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

Compatibility of labeling heads

- Same codebase on ROXI and IXOR+
- Identical firmware file in preparation
- 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 quarter 1/2026
- 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

1 Power plug

2 Cold device 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 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

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

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

Analog inputs
Speed
Start delay
Stop delay

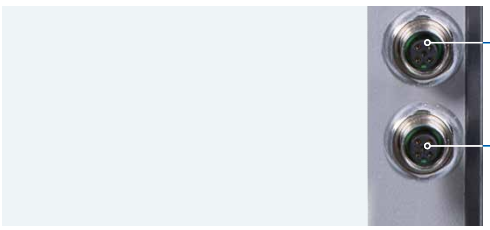
Digital PNP outputs
Labeling head ready
Pre-dispense
Stop label feed
Label feed running
Label missing on liner
End of label web
Prior warning to label web ending
Error
User-defined

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

Width of a roll		**mm max.**	**60**	**120**	**180**
Label web speed		m/min max.	30	30	30[2]
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 - 250 (from 4 on request)		
	Gap	mm at least	2		
	Thickness	mm	0.055 - 3		
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		
Current consumption			100 VAC up to 2 A / 240 V up to 1 A		
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.
[2] Calculated using a roll as wide as 180 mm and labels 98 mm long. Other dimensions 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

Mounting rod	Dimension L1 mm
MS 25	25

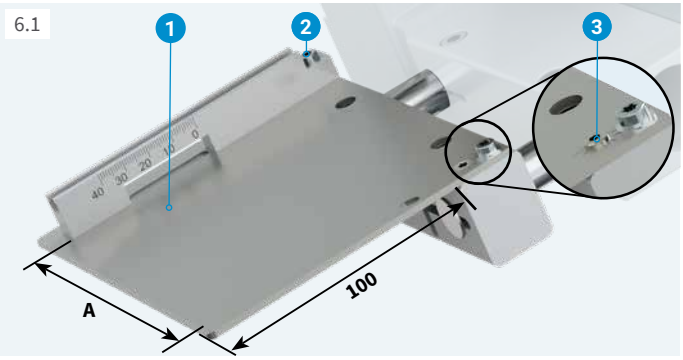
Scopes of delivery, designs and technical data correspond to the date of this publication. They are subject to change. Catalogue data do not represent any warranty or guarantee.

Demand modules, mounting rods, sensors

ROXI

A demand module consists of a dispenser tongue 1 and a guide 2.

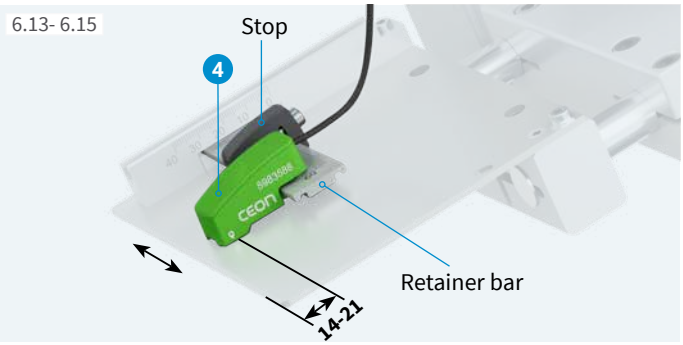
6.1



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.

6.13- 6.15



6.16

6.17, 6.18

SP demand modules

The path of a label web can be aligned even during labeling using an extender 3.

	Direction to which labels are provided Types left	Types right	Dimensions A mm
Demand module	**SP 100/60L**	**SP 100/60R**	62
	SP 100/120L	**SP 100/120R**	124
	SP 100/180L	**SP 100/180R**	186

Mounting rods

Two mounting rods are required per unit.

Mounting rod	Dimension L1 mm
MS 25	25

CEON label sensor 4

		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
Connecting cable	length mm	600

Stop

It is adjustable for accurate spotting after sensor disassembly.

Retainer bar

Three lengths are provided. It is assembled in conjunction with a stop onto the dispenser tongue.

	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

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 C to locating edge	mm	7.5 - 17.5

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 C 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

Options

5.1

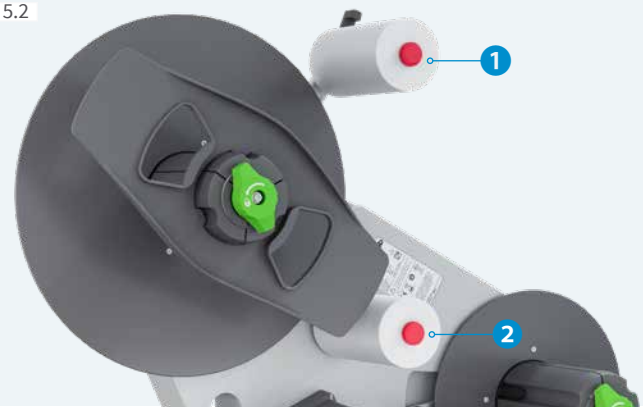
Front Back

ATP carrier plate
The applicator is assembled to the carrier plate and can be pivoted for material changeover and servicing.

The unit to regulate compressed air provides a pressure control valve, a display and a fine filter. It is attached to the back.

The carrier plate can be mounted for providing labels either to the left or right.

5.2



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.

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

Anti-stick-coated deflection rollers can be provided upon request.

Accessories

7.1, 7.2

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

7.6

7.7

External operation panel
Same functionality as on a labeling head

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)

7.8

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

7.14

7.15

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

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

Assembly assistance

ROXI

Labeling heads may be installed user-specific into production lines or labeling systems.

Unit retainers with tie rods and column stands with accessories make up a construction kit.

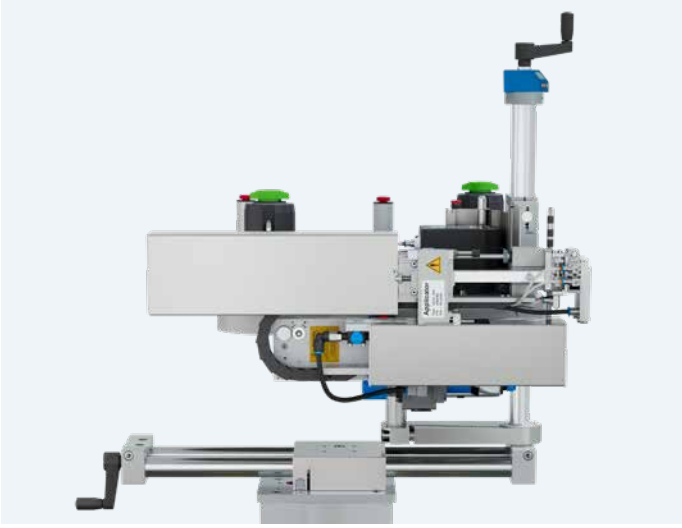
Movable unit retainers

A labeling head is mounted on two columns.
On these, dispensing spots can be adjusted transversely to the direction of product transport.

Fixation ROXI: on chassis using a knurled screw

Preferred with vertical installation of a labeling head.

Operating the crank when assembling onto a column frame requires a minimum distance of 40 mm between the tie rod and the chassis.



Unit retainers adjustable by spindle

They enable precise dispensing spots.
Adjustments by spindle are possible with labeling heads been installed either vertically or horizontally.
The hand crank enables a dispensing spot shifted by 3 mm per rotation.

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.

1231 floor stand

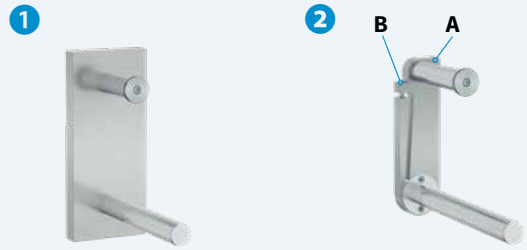
Primarily suggested when **applying labels from the side.** It can be adapted to heights and be locked and set on-site by leveling feet.

See ROXI / IXOR catalog

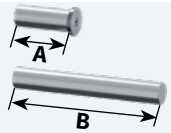
Unit retainers

ROXI

8.1



8.2



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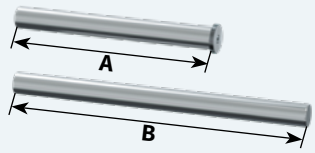
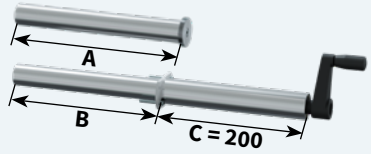


8.5



1 Plate / profile assembly

Both rods can be assembled directly onto a plate or a profile.

2 Assembly by tie rod

It allows adjusting the dispensing angle to a product.
The upper rod is clamped to the tie rod and secured by screw A.
The lower rod and the collar bearing are screwed
to the column stand or a plate.

	Types	Adjustable track		Column length	
		Tie rod mm	Plate mm	Dim. A mm	Dim. B mm
Unit retainers fixed	**GHF 120**	0	20	80	226
	GHF 180	0	20	80	288
Unit retainers movable	**GHV 120/100**	100	120	180	325
	GHV 180/100	100	120	180	390
	GHV 120/200	200	220	280	425
	GHV 180/200	200	220	280	490
Unit retainers adjustable by spindle	**GHS 120/150**	150	150	230	225 - 375
	GHS 180/150	150	150	230	286 - 498

Column stands, base plate

8.6

8.7

Column stands

Assembly of a labeling head onto a base plate or a conveyor
Position setting using a hand crank. Column diameter 30 mm

	Types	Column length mm	Adjustable track mm
Column stands	**SST 400**	400	195
	SST 600	600	395
	SST 800	800	595

Base plate – xy stop and product sensor included

Use with labels provided either to the left or right.
Standard dimensions are 400 mm x 500 mm

Position indicator

8.9 - 8.10

8.11

1 EPOS electronic position indicator

Display settings
- counting up or down
- reset display value
- offset value
- mm or inch
- absolute or incremental

Adapter kit

The position indicator can be aligned to optimum display regardless of the orientation of assembly of a labeling head.

2 GHS adapter kit for unit retainers

3 SST adapter kit for column stands

HERMES Q applicators

Easy to configure
The applicator can be fully set on the ROXI control panel, configurations be stored and called up.
Automatic calibration features speed up the setup.

Process control
Detailed statistical values are provided, so are sophisticated error messages.
Constant control enables response right away in events of errors.

Updates
Applicator firmware can be updated via ROXI interfaces.

1. **Long product life**
   by a precise and low-wear linear guide
2. **Products of variable heights**
   Labels can be applied on different heights using a stroke cylinder. Its standard lengths are 200, 300, 400 and 600 mm. Further lengths can be provided upon request
3. **Protective chassis**
   to protect the cylinder and the guide
4. **Highly reliable processes**
   Support air and intake air can be defined,so can stroke speed. Sensor control
5. **Label sizes**
   Small or large labels, 4 to 250 mm high and 4 to 174 mm wide, can be processed using an applicator.
6. **Pivoting applicator**
   The print mechanics can be accessed quickly and easily in cases of maintenance or if materials have to be replaced.

Options

Pressure-reducing valve
It reduces the pressure exerted by the stroke cylinder to a product.

Pressure-reduced applicator
It has been designed for manual workstations missing a protective cover. The cylinder diameter is reduced to 12 mm. To prevent from injuries, a safety valve limits compressed air to a maximum of 4.8 bar.

Accessory

Blow tubes
to provide support air. To assist label transfer, the label is blown from below to the pad.

Provided for 2", 4" or 6" label applications

5.13

Applicators, transfer modules and options

Overview

	Applicators	Page	ROXI 60	ROXI 120	ROXI 180	Universal pad	Tamp-on pad	Tamp-on pad, damping layer	Tamp-on pad, label stop	Blow-on pad	Form pad	Tamp-on pad, spring-mounted	Universal pad, spring-mounted	Tamp-on pad, spring-mounted	Roll-on pad	Corner-wrap pad	Brush	Pressure-reducing valve	Pressure-reduced applicator
			Order code			Transfer modules												Options	
						11	11	12	61	21	88	30	31	31	41	51		.212	.220
Product marking	Stroke applicator	14	HQ 4114	HQ 4114			F	F	F	☐	☐							☐	☐
		14			HQ 4116		F	F	F		☐							☐	
	Stroke turn applicator	15	HQ 4214	HQ 4214			F	F	F	☐								☐	☐
	Stroke applicator	16	HQ 4414	HQ 4414			F	F	F									☐	☐
	Swing stroke applicator	17	HQ 4514	HQ 4514						☐									
	Flag applicator	18		HQ 4712							☐								
Package marking	Stroke applicator	20/21		HQ 4014		☐	F			☐			☐	☐	☐	☐		☐	☐
		20/21			HQ 4016		☐							☐	☐			☐	
	Stroke applicator	19		HQ 4024								☐							☐
	Stroke blow applicator	22		HQ 4614						☐									
	Air jet box	23		HQ 6114													☐		

Applicator type code index

HQ 4414L-200

Type		**HQ 441**
Labeling head	ROXI LS 60	**2**
	ROXI LS 120	**4**
	ROXI LS 180	**6**
Labels provided	to the left	**L**
	to the right	**R**
Cylinder stroke		**200**
		300
		400
		600
		800 → upon request

Transfer module type code index

4014R-1100

Applicator (see applicator type codes)			**4014R**
Type	Universal / tamp-on pad	with sliding foil	**11**
	Tamp-on pad	providing a damping layer	**12**
	Tamp-on pad, label stop	with sliding foil	**61**
	Blow-on pad	with sliding foil	**21**
	Form pad		**88**
	Tamp-on pad, spring-mounted	no sliding foil	**30**
	Universal / tamp-on pad, spring-mounted	with sliding foil	**31**
	Roll-on pad	with sliding foil	**41**
	Corner-wrap pad	with sliding foil	**51**
F	Depth of a pad immersing in mm		**00**

A pad dips into a surface in the range of a label. See specified depths of immersion in the technical data of an applicator.

HQ 4114, HQ 4116 stroke applicators

Labels very small or midsized can be applied in real time from all sides.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a short stroke cylinder, the pad is brought into position in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.

Accessory

5.13 **Blow tube**

Options

5.17 **Pressure-reducing valve**

5.18 **Pressure-reduced applicator**

4.2

Stroke applicators			HQ 4114 L/R-200	HQ 4114 L/R-300	HQ 4114 L/R-400	HQ 4114 L/R-600	HQ 4116 L/R-200	HQ 4116 L/R-300	HQ 4116 L/R-400
Label applications			from the top, from below, from the side			from the side	from the top, from below, from the side		
State of a product		at rest	■						
at the moment a label is applied		in motion	blow-on pad only						
Product heights		uniform	blow-on pad only						
		variable	all tamp-on pads						
Short stroke cylinder, horizontal		mm	10						
Distance of a product to the bottom of the unit		mm max.	135	235	335	535	135	235	335
Weight of applicator	packaging excluded	kg	5	6	7	9	5	6	7.5
Consumption of power		W max.	15						
Compressed air		bar	4.5						
Cycle rate[1)]		labels/min approx.	30 (20 if using a form pad)						

[1)] calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

Tamp-on pad
Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Blow-on pad
It benefits when labels have to be applied to sensitive surfaces or products in motion. Labels are blown on by a blast of air. Stroke cylinder adjustment enables bridging distances of 5 to 10 mm to the surface of a product.

Tamp-on pad, providing a damping layer
When applying labels to hard surfaces, the noise level is reduced. It benefits also in cases of rough structures or little unevenness.

Tamp-on pad, providing a label stop
It enables small labels be applied exactly on spot to a product.

Form pad
Labels are precisely applied to cylindric objects, inclined or curved surfaces. Curved form pads prevent from blistering on very smooth and plane surfaces. 200° maximum label wrapping on cylindric objects.

			Tamp-on pad	Blow-on pad	Tamp-on pad, providing a damping layer	Tamp-on pad, providing a label stop	Form pad
Transfer modules			**4114, 4116 L/R 11 F**	**4114 L/R 2100**	**4114, 4116 L/R 12 F**	**4114, 4116 L/R 61 F**	**4114, 4116 L/R 8800**
Label widths	ROXI 60	mm	4 - 56	10 - 56	10 - 56	10 - 56	10 - 56
	ROXI 120	mm	10 - 116	10 - 116	10 - 116	10 - 116	10 - 116
	ROXI 180	mm	50 - 176	-	50 - 176	50 - 176	50 - 176
Label heights	ROXI 60	mm	4 - 80	10 - 80	8 - 80	4 - 80	8 - 80
	ROXI 120	mm	8 - 80	10 - 80	8 - 80	8 - 80	8 - 80
	ROXI 180	mm	8 - 80	-	8 - 80	8 - 80	8 - 80
Depth F of a pad immersing		mm max.	130	-	130	130	-

HQ 4214 stroke turn applicators

Labels very small or midsized can be applied in real time from all sides whenever the unit is difficult to install.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a rotary cylinder, the pad pivots into position by at most 180° in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.

4.3

Accessory

5.13 **Blow tube**

Options

5.17 **Pressure-reducing valve**

5.18 **Pressure-reduced applicator**

Stroke turn applicators		HQ 4214 L/R-200	HQ 4214 L/R-300	HQ 4214 L/R-400
State of a product	at rest	■		
at the moment a label is applied	in motion	blow-on pad only		
Label applications		from the top, from below, from the side		
Product heights	uniform	blow-on pad only		
	variable	all tamp-on pads		
Rotary angle, horizontal	90°, 0°	■		
180° if labels are no more than 15 mm high				
Distance of a product to the bottom of the unit	mm max.	135	235	335
Weight of applicator	packaging excluded kg	4	5.5	7.5
Consumption of power	W max.	15		
Compressed air	bar	4.5		
Cycle rate[1)]	labels/min approx.	20		

[1)] calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

Tamp-on pad
Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Tamp-on pad, providing a damping layer
When applying labels to hard surfaces, the noise level is reduced. It benefits also in cases of rough structures or little unevenness.

Tamp-on pad, providing a label stop
It enables small labels be applied exactly on spot to a product.

Blow-on pad
It benefits when labels have to be applied to sensitive surfaces or products in motion. Labels are blown on by a blast of air. Stroke cylinder adjustment enables bridging distances of 5 to 10 mm to the surface of a product.

			Tamp-on pad	Tamp-on pad, providing a damping layer	Tamp-on pad, providing a label stop	Blow-on pad
Transfer modules			**4214 L/R 11 F**	**4214 L/R 12 F**	**4214 L/R 61 F**	**4214 L/R 2100**
Label widths	ROXI 60	mm	4 - 56	10 - 56	10 - 56	10 - 56
	ROXI 120	mm	10 - 80	10 - 80	10 - 80	10 - 80
Label heights	ROXI 60	mm	4 - 40	8 - 40	4 - 40	10 - 40
	ROXI 120	mm	8 - 40	8 - 40	8 - 40	10 - 40
Depth F of a pad immersing		mm max.	90	90	90	-

HQ 4414 stroke applicators

Labels very small or midsized can be applied in real time from all sides. Positions to which labels shall be applied can be adjusted in directions x and y.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by two short stroke cylinders, the pad is brought into position. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.

4.4

Accessory

5.13 **Blow tube**

Option

5.18 **Pressure-reduced applicator**

Stroke applicators		HQ 4414 L/R-200	HQ 4414 L/R-300	HQ 4414 L/R-400
State of a product at the moment a label is applied	at rest	■		
Label applications		from the top, from below, from the side		
Product heights	variable	■		
Short stroke cylinder, horizontal	direction x mm	3 - 7		
	direction y mm	11 - 15		
Distance of a product to the bottom of the unit	mm max.	135	235	335
Weight of applicator	packaging excluded kg	5	5.5	6
Consumption of power	W max.	15		
Compressed air	bar	4.5		
Cycle rate[1]	labels/min approx.	25		

[1] calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

Tamp-on pad
Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Tamp-on pad, providing a damping layer
When applying labels to hard surfaces, the noise level is reduced. It benefits also in cases of rough structures or little unevenness.

Tamp-on pad, providing a label stop
It enables small labels be applied exactly on spot to a product.

			Tamp-on pad	Tamp-on pad, providing a damping layer	Tamp-on pad, providing a label stop
Transfer modules			**4414 L/R 11 F**	**4414 L/R 12 F**	**4414 L/R 61 F**
Label widths	ROXI 60	mm	4 - 56	10 - 116	10 - 56
	ROXI 120	mm	10 - 116		
Label heights		mm	4 - 80	8 - 80	4 - 80
Depth F of a pad immersing		mm max.	120		

HQ 4514 swing stroke applicators

Labels can be applied in real time from all sides on inner surfaces of profiles and pipes. Stroke cylinder adjustment enables labels be transferred exactly to their dedicated spots.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a rotary cylinder, the pad pivots to the level on which the label shall be applied. The label is moved to the point of transfer by a stroke cylinder.

4.5

Accessory

5.13 **Blow tube**

Swing stroke applicators		HQ 4514 L/R-200	HQ 4514 L/R-300	HQ 4514 L/R-400
State of a product at the moment a label is applied	at rest	■		
Label applications		from the top, from below, from the side		
Product heights	uniform	■		
Pivot angle, vertical		120°		
Distance between the bottom of the unit and the upper label ending	mm max.	150[2)]	250[2)]	350[2)]
Weight of applicator	packaging excluded kg	6	6.5	7
Consumption of power	W max.	15		
Compressed air	bar	4.5		
Cycle rate[1)]	labels/min approx.	20		

[1)] calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s
[2)] depending from the height of a label

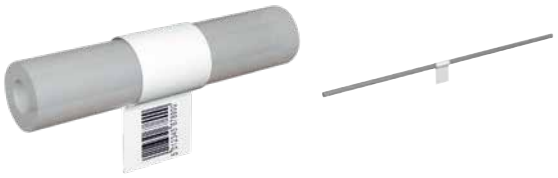
Blow-on pad
Labels are blown on a product surface by a blast of air, bridging a distance of 5 to 10 mm.

			Blow-on pad
Transfer module			**4514 L/R 2100**
Label widths	ROXI 60	mm	10 - 56
	ROXI 120	mm	10 - 80
Label heights		mm	10 - 60

HQ 4712 flag applicator

Labels can be applied in real time from all sides precisely on round materials such as cables, hoses or pipes.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. The label is transferred to the spot of application by a stroke cylinder. A further cylinder guides the material all around the material using cam control. First, both endings of a label are stuck together. Then the label is tamped to the round material. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.



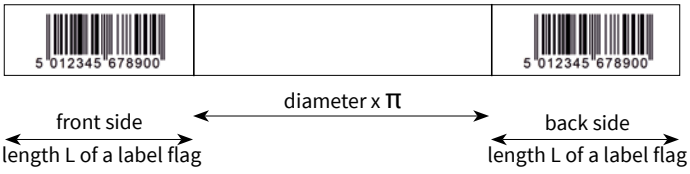
Accessory

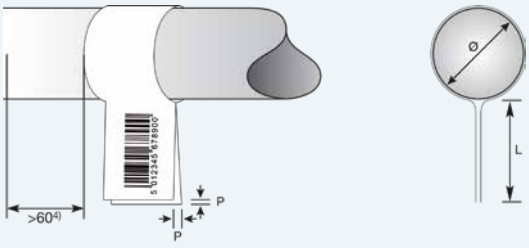
5.13 **Blow tube**

4.6

Flag applicator		**HQ 4712 L-300**
State of a product at the moment a label is applied	at rest	■
Label applications		from the top, from below, from the side rotated vertically: 0 - 180° clockwise (request in cases of other rotations)
Product heights	uniform	■
Distance of a product to the bottom of the unit	mm at least	70
using a cylinder stroke of 300	mm max.	260
Depth of pliers immersing	mm	55
Offset P	mm max.	1.0 [1]
Weight of applicator	packaging excluded kg	8
Consumption of power	W max.	15
Compressed air	bar	4.5
Cycle rate, printing and applying only[2]	labels/min approx.	15

[1] depending from the quality of a label
[2] calculated using a print speed of 100 mm/s





			Form pad
Transfer module			**4712 L 300**
Label widths	ROXI 120	mm	50 [3] - 100
Label heights		mm	10 - 50
Diameters		mm	3 - 16

[3] Processing labels 50 to 58 mm wide requires a spacer.
[4] Flag on product requires >60 mm clearance on one side without components, bend or step

HQ 4024 stroke applicators

- As much as 90 percent savings of compressed air
- Labels applied onto variable heights using one tamp pad

Labels are applied in real time onto packages of different heights.

A spring-mounted tamp pad enables labels be applied reliably even onto inclined surfaces. Three types are provided for labels as high as 40 mm to 100 mm, 150 mm and 200 mm. Labels may be 50 mm to 105 mm wide in each case.

Labels are sucked by an electrically driven fan.
Only the stroke cylinder requires compressed air.

4.9

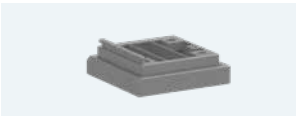
Option

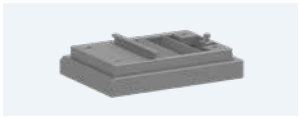
5.17 **Pressure-reducing valve**

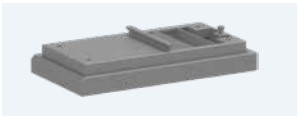
Stroke applicators		HQ 4024 L/R-200	HQ 4024 L/R-300	HQ 4024 L/R-400	HQ 4024 L/R-600
Distance of a package to the bottom of the unit	mm max.	135	235	335	535
Package heights	variable	■			
Alternation in the heights of packages	mm max.	100	200	300	500
Label applications		from the top, from below, from the side			from the top
State of a package at the moment a label is applied	at rest	■			
Controls	Sensor 1	initial / upper end position			
	Sensor 2	label on tamp-on pad			
	Sensor 3	label application / lower end position			
Consumption of power	W max.	30			
Compressed air	bar	4,5			
Cycle rate[1)]	labels/min approx.	30			

[1)] calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

Tamp-on pad, spring-mounted
Labels are precisely tamped onto plane surfaces.







Tamp-on pad, spring-mounted			4024-3000 105 x 100	4024-3000 105 x 150	4024-3000 105 x 200
Label widths	ROXI 120	mm	50 - 105	50 - 105	50 - 105
Label heights		mm	40 - 100	80 - 150	120 - 200
Label thickness		µm	110	110	110

HQ 4014, HQ 4016 stroke applicators

Labels can be applied in real time from all sides to packages. The type of pad defines whether a package has to be at rest or can be in motion at the time a label is applied.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. The label is transferred to a package with the help of a stroke cylinder. The package is detected by a sensor and the pad returned to its initial position.

The length of the stroke cylinder defines the maximum distance of a package to the peel-off plate.

4.8

Accessory

5.13 **Blow tube**

Options

5.17 **Pressure-reducing valve**

5.18 **Pressure-reduced applicator**

Stroke applicators		HQ 4014L/R-200	HQ 4014L/R-300	HQ 4014L/R-400	HQ 4014L/R-600	HQ 4016L/R-200	HQ 4016L/R-300	HQ 4016L/R-400	HQ 4016L/R-600
Package heights	variable	■							
State of a package at the moment a label is applied	in Ruhe	■							
Label applications		from the top, from below, from the side			from the top, from below	from the top, from below, from the side			from the top, from below
Distance of a package to the bottom of a unit	mm max.	130	230	330	530	130	230	330	530
Weight of applicator	packaging excluded kg	5	5	7	9	5	5.5	7.5	9.5
Consumption of power	W max.	15							
Compressed air	bar	4.5							
Cycle rate[1)]	labels/min approx.	25							

[1)] calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s

Tamp-on pad
Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Universal pad
Labels can be tamped on plane surfaces. Drilled holes are provided in gaps of 5 mm to suck a label. The holes are covered by a sliding foil, but can be opened according to the size of a label using a punching tool.
Delivery includes two extra foils.

Tamp-on pad, spring-mounted
Labels can be applied to surfaces inclined by a maximum of 15°. Heights witin the area of a label may vary by 10 mm at most

Universal pad, spring-mounted
Labels can be applied to surfaces inclined by a maximum of 15°. Heights in the area of a label may vary by 10 mm at most.
To suck a label, drilled holes are provided in gaps of 5 mm and covered by a sliding foil.
Delivery includes two extra foils.

			Tamp-on pad	Universal pad	Tamp-on pad, spring-mounted	Universal pad, spring-mounted
Transfer modules			**4014, 4016 L/R 11 F**	**4014 L/R 1100**	**4014, 4016 L/R 3100**	**4014 L/R 3100**
Label widths	ROXI 120	mm	20 - 116	75 / 90	80 - 116	116 / 116
	ROXI 180	mm	50 - 176	-	80 -176	-
Label heights	ROXI 120	mm	20 - 210	60 / 90	80 - 210	102 / 152
	ROXI 180	mm	25 - 210	-	80 - 210	-
Depth F of a pad immersing		mm max.	140	–	–	–

HQ 4014, HQ 4016 stroke applicators

Labels can be applied in real time from all sides to packages. The type of pad defines whether a package has to be at rest or can be in motion at the time a label is applied.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. The label is transferred to a package with the help of a stroke cylinder. The package is detected by a sensor and the pad returned to its initial position.

The length of the stroke cylinder defines the maximum distance of a package to the peel-off plate.

4.8

Accessory

5.13 **Blow tube**

Options

5.17 **Pressure-reducing valve**

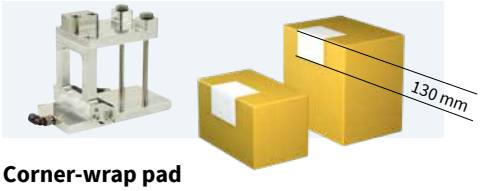
5.18 **Pressure-reduced applicator**

Stroke applicators			HQ 4014L/R-200	HQ 4014L/R-300	HQ 4014L/R-400	HQ 4014L/R-600	HQ 4016L/R-200	HQ 4016L/R-300	HQ 4016L/R-400	HQ 4016L/R-600
State of a package at the moment a label is applied		at rest	Blow-on pad, corner-wrap pad							
		in motion	Blow-on pad, roll-on pad							
Label applications		from the top	Blow-on pad, roll-on pad, corner-wrap pad							
		from below	Blow-on pad, roll-on pad							
		from the side	Blow-on pad, roll-on pad			-	Blow-on pad, roll-on pad			-
Distance of a package to the bottom of the unit	Blow-on pad	mm max.	140	240	340	540	-	-	-	-
	Roll-on pad	mm max.	160	260	360	560	160	260	360	560
	Corner-wrap pad	mm max.	100	200	300	500	-	-	-	-
Package heights		uniform	Blow-on pad							
		variable	Blow-on pad, corner-wrap pad							
Weight of applicator	packaging excluded	kg	5	5	7	9	5.5	5.5	7.5	9.5
Consumption of power		W max.	15							
Compressed air		bar	4.5							
Cycle rate[1]		labels/min approx.	25							

[1] calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s

Blow-on pad
It benefits when labels have to be applied to sensitive surfaces or packages in motion. Labels are blown on by a blast of air. Stroke cylinder adjustment enables bridging distances of 5 to 10 mm to the surface of a package.

Roll-on pad
Labels are rolled on plane surfaces while these packages are in motion.



Corner-wrap pad
Labels are applied to a package on two sides adjacent to one another. One half of a label is applied to the top of a package. Then the other half of the label is rolled on.

			Blow-on pad	Roll-on pad	Corner-wrap pad
Transfer modules			**4014 L/R 2100**	**4014, 4016 L/R 4100**	**4014 L/R 5100**
Label widths	ROXI 120	mm	20 - 114	25 - 114	20 - 114
	ROXI 180	mm	provided upon request	50 - 174	-
Label heights	ROXI 120	mm	20 - 100	80 - 250	60 - 210
	ROXI 180	mm	provided upon request	80 - 250	-

HQ 4614 stroke blow applicators (HQ 4616 upon request)

Labels can be applied in real time from all sides on packages of various heights in motion.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a stroke cylinder and detected by a sensor, the pad moves to a spot approx.. 10 mm above a package. The length of the stroke cylinder defines the maximum difference in terms of package heights.

4.10

Accessory

5.13 **Blow tube**

Stroke blow applicator			HQ 4614 L/R-200	HQ 4614 L/R-300	HQ 4614 L/R-400
Distance of a packageto the bottom of the unit		mm max.	140	240	340
Package heights		variable	■		
Etikettierung auf die Verpackung			from the top, from below, from the side		
State of a package		at rest	■	■	■
at the moment a label is applied		in motion	■	■	■
Weight of applicator	packaging excluded	kg	n.a.	5.5	6.5
Consumption of power		W max.	15		
Compressed air		bar	4.5		
Cycle rate[1)]		labels/min max.	25		

[1)] calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s

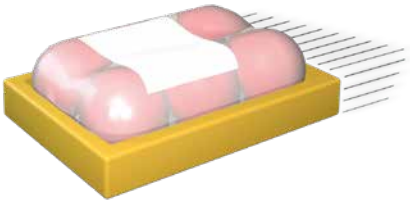
Blow-on pad
Labels are blown on a package surface by a blast of air, bridging a distance of 5 to 10 mm.

Blow-on pad			4614L/R-2100 B x H
Label widths	ROXI 120	mm	20 - 116
	ROXI 180	mm	provided upon request
Label heights	ROXI 120	mm	20 - 100
	ROXI 180	mm	provided upon request

HQ 6114 air jet box

Labels can be applied to packages in motion or at rest.
Each label is sucked by a fan and blown off by a powerful blast of air coming through aligned nozzles. Depending from the size of a label, a maximum distance of 200 mm can be bridged between a package and the peel-off plate.

A particular regulation unit is required for compressed air.



4.15

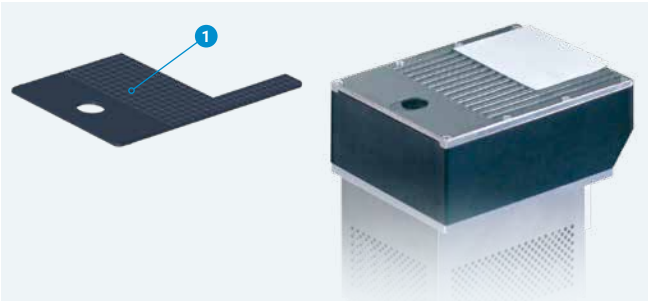
Accessories

5.13 **Blow tube**

5.16 **Unit to regulate compressed air, providing a shut-off valve**

Air jet box			HQ 6114 L/R
Label widths	ROXI 120	mm	50 -114 smaller sizes can be provided upon request
Label heights		mm	50 -125 smaller sizes can be provided upon request
State of a package		at rest	■
at the moment a label is applied		in motion	■
Label applications			from the top, from below, from the side
Package heights		variable	■
Distance of a package to the peel-off plate		mm max.	200
Weight of air jet box		packaging excluded kg	4
Consumption of power		W max.	90
Compressed air		bar	4.5
Cycle rate[1)]		labels/min max.	100

[1)] calculated using labels 50 mm high, a print speed of 250 mm/s, a blast of air lasting 100 ms, with p ackages located 100 mm to the peel-off plate



1 Template
to cover all the holes sucking or blo wing off air outside a label

By holes pre-scored on an 8 x 8 mm p attern, a template can be adapted easily to the size of a label. By sliding in a template between the suction block and rails, the surface outside a label is covered. Scope of delivery includes five templates.

5.16

Unit to regulate compressed air, providing a shut-off valve
to vent a hose line subsequent to the unit

Provided in a left-hand or right-hand design

Delivery program

ROXI

Labeling heads

If order implies protocols and encoders been unlocked and / or options been assembled ex factory, item numbers are added by .250.

ROXI as fast as 30 m/min

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

ROXI labeling head type code index — 60 L

Maximum width of a roll: 60 mm / 120 mm / 180 mm

L to the left / R to the right — Labels provided

Protocols and encoders

If order implies unlocking ex factory, item numbers are added by .250.
In cases of separate unlocking, .001 is added.

Pos.		Item no.	Designation
4.1		**5581022.xxx**	FQ MQTT
			FM ModBus
			FP Profinet (in preparation)
			FO OPC UA Server

Scope of delivery
ROXI labeling head Type E+F power cable, 1.8 m 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

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

Delivery program

ROXI

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.

Demand units

Labels provided to the left

Pos.		Item no.	Designation
6.1		**6130656.xxx**	SP 100/60L demand module
		6130657.xxx	SP 100/120L demand module
		6130658.xxx	SP 100/180L demand module

Labels provided to the right

Pos.		Item no.	Designation
6.1		**6130659.xxx**	SP 100/60R demand module
		6130660.xxx	SP 100/120R demand module
		6130661.xxx	SP 100/180R demand module

Pos.		Item no.	Designation
6.11		**6120069.xxx**	MS 25 mounting rod
6.13		**5983588.xxx**	CEON label sensor
6.22		**5983437.001**	CEON probe – wear part
6.14		**6130600.xxx**	CEON 30 retainer bar, stop included
		6130601.xxx	CEON 60 retainer bar, stop included
		6130602.xxx	CEON 90 retainer bar, stop included
6.15		**6130582.xxx**	CEON stop

Pos.		Item no.	Designation
6.16		**6130452.xxx**	GAB 500-1 forked light barrier
6.17		**5918670.xxx**	GAB 500-2 forked light barrier
6.18		**6130690.xxx**	500-2/124 retainer
		6130704.xxx	500-2/186 retainer

Options

Pos.		Item no.	Designation
5.1		**6130681.001**	ATP L carrier plate
		6131070.001	ATP R carrier plate
5.2		**5908002.xxx**	UR D60/62 deflection roller
		5907996.xxx	UR D60/124 deflection roller
		5907995.xxx	UR D60/186 deflection roller
5.3		**6130629.xxx**	FR D60 guide

Accessories

Pos.		Item no.	Designation
7.1		**5918702.001**	Product sensor
7.2		**5918671.001**	Product sensor cable M12-M8, 4 pins, a-coded, 2.5 m
7.6		**6010186**	External operation panel
7.7		**5907718.001**	Connecting USB cable 1.8 m
		5907730.001	Connecting USB cable 3 m
		5907750.001	Connecting USB cable 5 m
7.8		**6010560**	Warning light Connecting USB cable 1 m included

Cables

Pos.		Item no.	Designation
7.14		**5918948.001**	I/O interface cable, wire-end-ferruled M12, 17 pins, 5 m
7.15		**5918421.001**	Extending I/O cable M12, 17 pins, 2.5 m
		5918941.001	Extending I/O cable M12, 17 pins, 10 m

Assembly assistance

Pos.		Item no.	Designation
8.1		**6130411.001**	Tie rod
8.2		**6130737.001**	GHF 120 unit retainer
		6130754.001	GHF 180 unit retainer
8.3		**6130741.001**	GHV 120/100 unit retainer
		6130756.001	GHV 180/100 unit retainer
8.4		**6130744.001**	GHV 120/200 unit retainer
		6130758.001	GHV 180/200 unit retainer
8.5		**6130747.001**	GHS 120/150 unit retainer
		6130762.001	GHS 180/150 unit retainer
8.6		**5983420.xxx**	SST 400 column stand
		5983421.xxx	SST 600 column stand
		5983422.xxx	SST 800 column stand
8.7		**6130501.xxx**	Base plate, xy stop, product sensor - labels provided to the left
		6131101.xxx	Base plate, xy stop, product sensor - labels provided to the right
8.9		**5919809.xxx**	EPOS electronic position indicator
8.10		**6131010.xxx**	Adapter kit for GHS unit retainers
8.11		**6131015.xxx**	Adapter kit for SST column stands

Delivery program

Applicators L

Pos.		Item no.	Designation		Item no.	Transfer modules	
4.2		**5987549** **5987550** **5987551** **5989352**	Stroke applicator Stroke applicator Stroke applicator Stroke applicator	HQ 4114L-200 HQ 4114L-300 HQ 4114L-400 HQ 4114L-600	**xxxxxxx** **xxxxxxx** **xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Tamp-on pad, providing a damping layer Tamp-on pad, providing a label stop Blow-on pad Form pad	4114L-11 F W x H 4114L-12 F W x H 4114L-61 F W x H 4114L-2100 W x H 4114L-8800 W x H
		5987802 **5987803** **5987804**	Stroke applicator Stroke applicator Stroke applicator	HQ 4116L-200 HQ 4116L-300 HQ 4116L-400	**xxxxxxx** **xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Tamp-on pad, providing a damping layer Tamp-on pad, providing a label stop Form pad	4116L-11 F W x H 4116L-12 F W x H 4116L-61 F W x H 4116L-8800 W x H
4.3		**5987557** **5987558** **5987559**	Stroke turn applicator Stroke turn applicator Stroke turn applicator	HQ 4214L-200 HQ 4214L-300 HQ 4214L-400	**xxxxxxx** **xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Tamp-on pad, providing a damping layer Tamp-on pad, providing a label stop Blow-on pad	4214L-11 F W x H 4214L-12 F W x H 4214L-61 F W x H 4214L-2100 W x H
4.4		**5987573** **5987574** **5987575**	Stroke applicator Stroke applicator Stroke applicator	HQ 4414L-200 HQ 4414L-300 HQ 4414L-400	**xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Tamp-on pad, providing a damping layer Tamp-on pad, providing a label stop	4414L-11 F W x H 4414L-12 F W x H 4414L-61 F W x H
4.5		**5987724** **5987726** **5987728**	Swing stroke applicator Swing stroke applicator Swing stroke applicator	HQ 4514L-200 HQ 4514L-300 HQ 4514L-400	**xxxxxxx**	Blow-on pad	4514L-2100 W x H
4.6		**5987548**	Flag applicator	HQ 4712L-300	**xxxxxxx**	Form pad	..... W x H
4.8		**5987534** **5987535** **5987536** **5987537**	Stroke applicator Stroke applicator Stroke applicator Stroke applicator	HQ 4014L-200 HQ 4014L-300 HQ 4014L-400 HQ 4014L-600	**5966147** **5966148** **5966149** **5966150**	Universal pad Universal pad Universal pad, spring-mounted Universal pad, spring-mounted	4014L-1100 75 x 60 4014L-1100 90 x 90 4014L-3100 116 x 102 4014L-3100 116 x 152
					xxxxxxx **xxxxxxx** **xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Blow-on pad Tamp-on pad, spring-mounted Roll-on pad Corner-wrap pad	4014L-11 F W x H 4014L-2100 W x H 4014L-3100 W x H 4014L-4100 W x H 4014L-5100 W x H / H
		5987541 **5987542** **5987543** **5989344**	Stroke applicator Stroke applicator Stroke applicator Stroke applicator	HQ 4016L-200 HQ 4016L-300 HQ 4016L-400 HQ 4016L-600	**xxxxxxx** **xxxxxxx** **xxxxxxx**	Tamp-on pad Tamp-on pad, spring-mounted Roll-on pad	4016L-11 F W x H 4016L-3100 W x H 4016L-4100 W x H
4.9		**5989285** **5989286** **5989287** **5989288**	Stroke applicator Stroke applicator Stroke applicator Stroke applicator	HQ 4024L-200 HQ 4024L-300 HQ 4024L-400 HQ 4024L-600	**5989301** **5989302** **5989303**	Tamp-on pad, spring-mounted Tamp-on pad, spring-mounted Tamp-on pad, spring-mounted	4024-3000 105 x 100 4024-3000 105 x 150 4024-3000 105 x 200
4.10		**5987736** **5987738** **5987740**	Stroke blow applicator Stroke blow applicator Stroke blow applicator	HQ 4614L-200 HQ 4614L-300 HQ 4614L-400	**xxxxxxx**	Blow-on pad	4614L-2100 W x H
4.15		**5987564**	Air jet box 5 templates are included	HQ 6114L	**5984709.001**	Template 5 items are included in a pack unit	6114 L/R

xxxxxxx - customer-specific part no. subsequent to request

Accessories provided for applicators

Pos.		Item no.	Designation
5.13		**5964277.001** **5964095.001** **5964614.001**	Blow tube 2“ Blow tube 4“ Blow tube 6“
5.16		**5984805** **5984795**	Unit L to regulate compressed air, providing a shut-off valve Unit R to regulate compressed air, providing a shut-off valve

Options provided for applicators

Pos.		Item no.	Designation
5.17		**xxxxxxx.212**	Pressure-reducing valve
		xxxxxxx - applicator part no.	
5.18		**xxxxxxx.220**	Pressure-reduced applicator suitable for HQ 4014, HQ 4114, HQ 4414, HQ 4214 / stroke 300
		xxxxxxx - applicator part no.	

Delivery program

Applicators R

Pos.		Item no.	Designation		Item no.	Transfer modules	
4.2		**5987553**	Stroke applicator	HQ 4114R-200	**xxxxxxx**	Tamp-on pad	4114R-11 F W x H
		5987554	Stroke applicator	HQ 4114R-300	**xxxxxxx**	Tamp-on pad, providing a damping layer	4114R-12 F W x H
		5987555	Stroke applicator	HQ 4114R-400	**xxxxxxx**	Tamp-on pad, providing a label stop	4114R-61 F W x H
		5989353	Stroke applicator	HQ 4114R-600	**xxxxxxx**	Blow-on pad	4114R-2100 W x H
					xxxxxxx	Form pad	4114R-8800 W x H
		5987812	Stroke applicator	HQ 4116R-200	**xxxxxxx**	Tamp-on pad	4116R-11 F W x H
		5987813	Stroke applicator	HQ 4116R-300	**xxxxxxx**	Tamp-on pad, providing a damping layer	4116R-12 F W x H
		5987814	Stroke applicator	HQ 4116R-400	**xxxxxxx**	Tamp-on pad, providing a label stop	4116R-61 F W x H
					xxxxxxx	Form pad	4116R-8800 W x H
4.3		**5987561**	Stroke turn applicator	HQ 4214R-200	**xxxxxxx**	Tamp-on pad	4214R-11 F W x H
		5987562	Stroke turn applicator	HQ 4214R-300	**xxxxxxx**	Tamp-on pad, providing a damping layer	4214R-12 F W x H
		5987563	Stroke turn applicator	HQ 4214R-400	**xxxxxxx**	Tamp-on pad, providing a label stop	4214R-61 F W x H
					xxxxxxx	Blow-on pad	4214R-2100 W x H
4.4		**5987577**	Stroke applicator	HQ 4414R-200	**xxxxxxx**	Tamp-on pad	4414R-11 F W x H
		5987578	Stroke applicator	HQ 4414R-300	**xxxxxxx**	Tamp-on pad, providing a damping layer	4414R-12 F W x H
		5987579	Stroke applicator	HQ 4414R-400	**xxxxxxx**	Tamp-on pad, providing a label stop	4414R-61 F W x H
4.5		**5987730**	Swing stroke applicator	HQ 4514R-200			
		5987732	Swing stroke applicator	HQ 4514R-300	**xxxxxxx**	Blow-on pad	4514R-2100 W x H
		5987734	Swing stroke applicator	HQ 4514R-400			
4.8		**5987538**	Stroke applicator	HQ 4014R-200	**5966140**	Universal pad	4014R-1100 75 x 60
		5987539	Stroke applicator	HQ 4014R-300	**5966141**	Universal pad	4014R-1100 90 x 90
		5987540	Stroke applicator	HQ 4014R-400	**5966142**	Universal pad, spring-mounted	4014R-3100 116 x 102
		5989363	Stroke applicator	HQ 4014R-600	**5966143**	Universal pad, spring-mounted	4014R-3100 116 x 152
					xxxxxxx	Tamp-on pad	4014R-11 F W x H
					xxxxxxx	Blow-on pad	4014R-2100 W x H
					xxxxxxx	Tamp-on pad, spring-mounted	4014R-3100 W x H
					xxxxxxx	Roll-on pad	4014R-4100 W x H
					xxxxxxx	Corner-wrap pad	4014R-5100 W x H / H
		5987545	Stroke applicator	HQ 4016R-200	**xxxxxxx**	Tamp-on pad	4016R-11 F W x H
		5987546	Stroke applicator	HQ 4016R-300	**xxxxxxx**	Tamp-on pad, spring-mounted	4016R-3100 W x H
		5987547	Stroke applicator	HQ 4016R-400	**xxxxxxx**	Roll-on pad	4016R-4100 W x H
		5989356	Stroke applicator	HQ 4016R-600			
4.9		**5989295**	Stroke applicator	HQ 4024R-200			
		5989296	Stroke applicator	HQ 4024R-300	**5989301**	Tamp-on pad, spring-mounted	4024-3000 105 x 100
		5989297	Stroke applicator	HQ 4024R-400	**5989302**	Tamp-on pad, spring-mounted	4024-3000 105 x 150
		5989298	Stroke applicator	HQ 4024R-600	**5989303**	Tamp-on pad, spring-mounted	4024-3000 105 x 200
4.10		**5987742**	Stroke blow applicator	HQ 4614R-200			
		5987744	Stroke blow applicator	HQ 4614R-300	**xxxxxxx**	Blow-on pad	4614R-2100 W x H
		5987746	Stroke blow applicator	HQ 4614R-400			
4.15		**5987565**	Air jet box 5 templates are included	HQ 6114R	**5984709.001**	Template 5 items are included in a pack unit	6114 L/R

xxxxxxx - customer-specific part no. subsequent to request

Germany
cab Produkttechnik GmbH & Co KG
Karlsruhe
Phone +49 721 6626 0
www.cab.de

France
cab Technologies S.à.r.l.
Niedermodern
Phone +33 388 722501
www.cab.de/fr

USA
cab Technology, Inc.
Chelmsford, MA
Phone +1 978 250 8321
www.cab.de/us

Mexico
cab Technology, Inc.
Juárez
Phone +52 656 682 4301
www.cab.de/es

Taiwan
cab Technology Co., Ltd.
Taipei
Phone +886 (02) 8227 3966
www.cab.de/tw

China
cab (Shanghai) Trading Co., Ltd.
Shanghai
Phone +86 (021) 6236 3161
www.cab.de/cn

Singapore
cab Singapore Pte. Ltd.
Singapore
Phone +65 6931 9099
www.cab.de/en

South Africa
cab Technology (Pty) Ltd.
Randburg
Phone +27 11 886 3580
www.cab.de/za

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