

# **Assembly Instructions**



Stroke Applicator

HQ 4014 / HQ 4016

## 2 Assembly Instructions

## for the following products

Family	Туре
Stroke Applicator	HQ 4014L-200
	HQ 4014L-300
	HQ 4014L-400
	HQ 4014L-600
	HQ 4014R-200
	HQ 4014R-300
	HQ 4014R-400
	HQ 4014R-600
	HQ 4016L-200
	HQ 4016L-300
	HQ 4016L-400
	HQ 4016L-600
	HQ 4016R-200
	HQ 4016R-300
	HQ 4016R-400
	HQ 4016R-600
	HQ 401200 Pressure reduced
	HQ 401300 Pressure reduced

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#### 1.1 Instructions

Important information and instructions in this documentation are designated as follows:



#### Danger!

Draws attention to an exceptionally great, imminent danger to your health or life due to hazardous voltages.



### Danger!

Draws attention to a danger with high risk which, if not avoided, may result in death or serious injury.



### Warning!

Draws attention to a danger with medium risk which, if not avoided, may result in death or serious injury.



#### Caution!

Draws attention to a danger with low risk which, if not avoided, may result in minor or moderate injury.



#### Attention!

Draws attention to potential risks of property damage or loss of quality.



#### Note!

Advice to make work routine easier or on important steps to be carried out.



#### **Environment!**

Gives you tips on protecting the environment.

- ► Handling instruction.
- Reference to section, position, illustration number or document.
- \* Option (accessories, peripheral equipment, special fittings).

Time Information in the display.

### 1.2 Intended Use

- The device is manufactured in accordance with the current technological status and the recognized safety rules. However, danger to life and limb of the user or third parties and/or damage to the device and other tangible assets can arise during use.
- The device may only be used for its intended purpose and if it is in perfect working order, and it must be used with regard to safety and dangers as stated in the manual.
- The device is designed to use on a cab printer of the HERMES Q series. Any other use or use going beyond this shall be regarded as improper use. The manufacturer/supplier shall not be liable for damage resulting from unauthorized use; the user shall bear the risk alone.
- Usage for the intended purpose also includes complying with the manual, including the manufacturer's maintenance recommendations and specifications.



#### Note!

The complete and current version of the documentation can be found in the Internet.

### 1.3 Safety Instructions



### Attention!

Initiation, adjustments and changing of parts are to be performed by qualified service personnel only.



### Warning!

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

1 Introduction 5

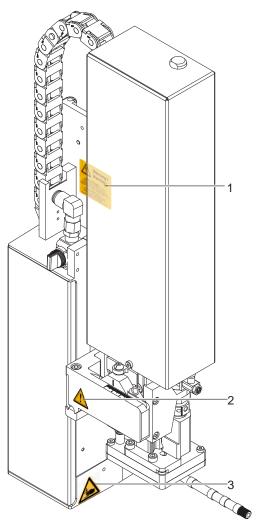
Before mounting the delivered components disconnect the printer from the power supply and close the shutoff valve of the
applicator.

- Only connect the device to other devices which have a protective low voltage.
- · Switch off all affected devices (computer, printer, accessories) before connecting or disconnecting.
- In operation, moving parts are easily accessible.

This applies especially for the zone, where the pad is moved between the starting and the labelling position. During operation do not reach into that zone and keep long hair, loose clothes, and jewelry distant. Before any manipulations in those areas, close the shutoff valve.

- The device may only be used in a dry environment, do not expose it to moisture (sprays of water, mists, etc.).
- · Do not use the device in an explosive atmosphere.
- Do not use the device close to high-voltage power lines.
- Perform only those actions described in this manual.
  - Work going beyond this may only be performed by trained personnel or service technicians.
- Unauthorized interference with electronic modules or their software can cause malfunctions.
- · Other unauthorized work on or modifications to the device can also endanger operational safety.
- Always have service work done in a qualified workshop, where the personnel have the technical knowledge and tools required
  to do the necessary work.
- There are various warning stickers on the device. They draw your attention to dangers. Warning stickers must therefore not be removed, as then you and other people cannot be aware of dangers and may be injured.

### 1.4 Safety Markings





Risk of injuries by moving parts!



The cylinder is under pressure also if the printer is switched off. Possibility of residual energy!



Danger of crushing hands and fingers by the moving pad!



#### Attention!

Never remove or cover safety markings! Replace it in case of damage!

Fig. 1 Safety marking

### 1.5 Environment



Obsolete devices contain valuable recyclable materials that should be sent for recycling.

▶ Send to suitable collection points, separately from residual waste.

The modular construction of the print module enables it to be easily disassembled into its component parts.

Send the parts for recycling.

## 6 2 Product Description

## 2.1 Important Features

- The supporting air and the vacuum as well as the speed of the cylinder is adjustable. Thus the applicator can be adjusted to different label materials and sizes.
- To avoid contamination within the vacuum channels they are cleaned by an air pressure pulse at the end of each application.
- For operation in a system the I/O interface of the printer can be used.

### 2.2 Technical Data

#### **Tamp-on and Universal Pads**

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 ap	at rest oplied								
Label applications		from the top	o, from below, fr	rom the side	from the top, from below	from the to	p, from below, f	rom the side	from the top, from below
Distance of a package to the b	ottom of the unit up to mm	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.				1	5			
Compressed air	bar				4	,5			
Cycle rate <sup>1)</sup>	labels/min approx.				2	5			

<sup>1)</sup> calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s

			Tamp-on pad	Universal pad	Tamp-on pad, spring-mounted	Universal pad, spring-mounted
Transfer modu	les		4014, 4016 L/R 11 F	4014 L/R 1100	4014, 4016 L/R 3100	4014 L/R 3100
Label widths	HERMES Q4/Q4.3	mm	20-114	75 / 90	80-114	116 / 116
	HERMES Q6.3	mm	50 - 174	-	80-174	-
Label heights	HERMES Q4/Q4.3	mm	20-210	60 / 90	80-210	102 / 152
	HERMES Q6.3	mm	25-210	-	80-210	-
Depth of a pad immersing F <sup>2)</sup> up to mm		140	-	_	_	

 $<sup>^{2)}</sup>$  On the cover HERMES Q2/Q4/Q4.3 cut-out dimension F standard 60 mm, optional 100 mm, on request up to 120 mm On the cover HERMES Q6.3 cut-out dimension F standard 25 mm, on request up to 120 mm

### Blow-on, Roll-on and Corner-wrap Pads

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 rest			Blow-on pad, Corner-wrap pad							
at the moment a label is applied in motion						Blow-on pac	l, Roll-on pad			
Label applications from the top from below from the side				Blow-	on pad, Roll-on	pad, Corner-wr	ap pad			
		from below	Blow-on pad, Roll-on pad							
		from the side	Blow	ı-on pad, Roll-oı	n pad	-	Blow	ı-on pad, Roll-o	n pad	-
Distance of a package	Blow-on pad	up to mm	140	240	340	540	-	-	-	-
to the bottom of the unit	Roll-on pad	up to mm	160	260	360	560	160	260	360	560
	Corner-wrap p	ad up to mm	100	200	300	500	-	-	-	-
Package heights		uniform	Blow-on pad							
		variable				Blow-on pad, C	orner-wrap pad			
Weight of applicator	packaging	g 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 <sup>1)</sup>	labels	/min approx.				2	.5			

 $<sup>^{1)}</sup>$  calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s

			Blow-on pad	Roll-on pad	Corner-wrap pad
Transfer modul	es		4014 L/R 2100	4014, 4016 L/R 4100	4014 L/R 5100
Label widths	HERMES Q4/Q4.3	mm	20-114	25-114	20-114
	HERMES Q6.3	mm	provided upon request	50-174	-
Label heights	HERMES Q4/Q4.3	mm	20-100	80-250	60 - 210
	HERMES Q6.3	mm	provided upon request	80-250	-

# 2 Product Description

# 2.3 Overview

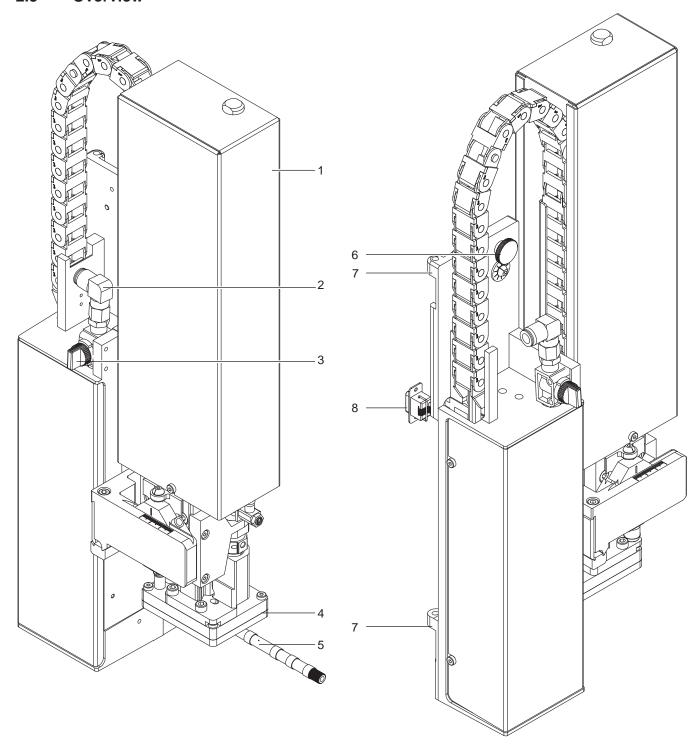


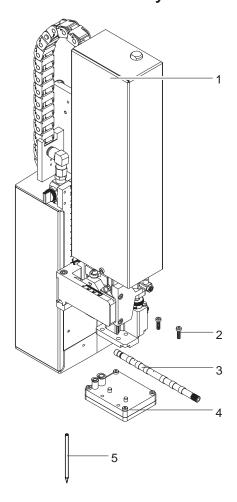
Fig. 2 Device overview - front view

- 1 Cover
- 2 Compressed air connector
- 3 Shutoff valve
- 4 Pad (customized)

- 5 Blow tube for supporting air
- 6 Knurled screw for attaching the applicator to the printer
- 7 Hinges
- 8 SUB-D 15 interface to the printer

## 2 Product Description

# 2.4 Contents of Delivery



- 1. Applicator
- 2. Screws as part of the pad
- 3. Blow tube as ordered
- 4. Pad as ordered
- 5. Pen to make holes (only for universal pads)
- 6. Documentation

Fig. 3 Contents of delivery



#### Note!

Please keep the original packaging in case the applicator must be returned.



### Attention!

The device and printing materials will be damaged by moisture and wetness.

▶ Set up label printer with applicator only in dry locations protected from splash water.

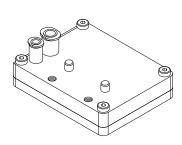
## 2 Product Description

### 2.5 Pads

### 2.5.1 Universal Pads

### Universal pad 4014L/R-1100

Standard size: 70x60, 90x90



### Universal Pad 4014L/R-3100, spring-loaded

Standard size : 116x102, 116x152

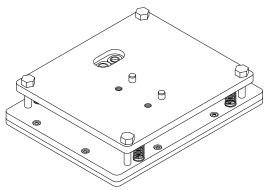


Fig. 4 Universal pad 70x60

Fig. 5 Universal spring-loaded pad 116x152

Universal pads are available in different standard sizes.

According to the size of the label the holes may be pierced by the customer. For that purpose a piercing pin is included in the delivery contents.

On request, tamp pads customized to the label sized are delivered.

## 2.5.2 Roll-on pad 4014L/R-4100/4016L/R-4100 2.5.3 Blow pad 4014L/R-21xx

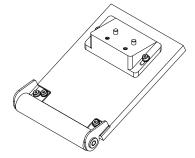


Fig. 6 Roll-on pad

Fig. 7 Blow Pad

Roll-on pads are only produced on request customized to the label size.

Blow pads are only produced on request customized to the label size.

### 2.5.4 Corner pad 4014L/R-5100

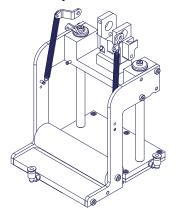


Fig. 8 Corner pad

Corner pads are only produced on request customized to the label size.

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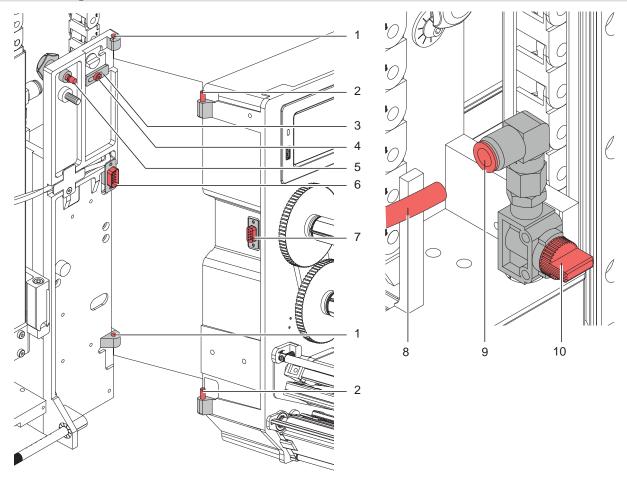


Fig. 9 Mounting applicator on printer

1

### Attention!

Initiation, adjustments and changing of parts is only for qualified service personal only. ▷ Service Manual

### Mount the applicator

- 1. Hang the applicator with the female part of hinges (1) at the printer mounted hinges parts (2).
- 2. Connect SUB-D 15 male connector (6) to the female connector (7) of the printer.
- 3. To prevent the applicator from slipping out of the hinges loosen screw (4) and move the locking plate (3) under the hinges and tighten screw (4).
- 4. Swing the applicator to the printer and tighten the thumbscrew (5).
- 5. Keep the external compressed air supply closed and close the shut-off valve (10) on the applicator ▷ see illustration
- 6. Insert external compressed air supply (8) into the plug connector (9) on the shut-off valve (10).
- 7. Switch on compressed air and open shut-off valve (10) by turning 90 °.

For cleaning the applicator and printer it's sometime necessary to turn away or/and dismount the applicator. Don't change the adjustments of setting screws, throttle valves or other.

### Turn away/Dismount the applicator

- 8. To turn away the applicator loosen thumbscrew (5) and swing the applicator aside.
- 9. Disconnect SUB-D 15 male connector (6) to the female connector (7) of the printer.
- 10. Loosen screw (4) and move off the locking plate (3) from the hinges.
- 11. Lift the applicator upward.

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## 3.1 Mounting the Blow Tube

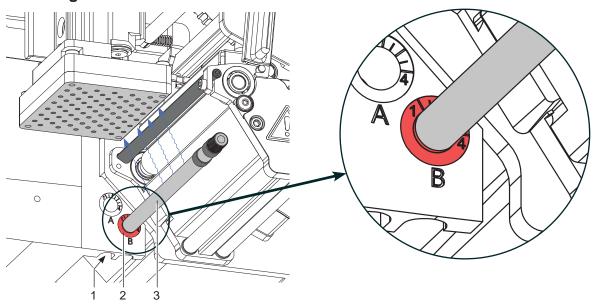


Fig. 10 Mounting the blow tube

It is possible to rotate the blow tube (4) to optimize the direction of the supporting air for the take over procedure of the label from printer to applicator.

- 1. Loosen screw (1).
- 2. Place the blow tube (3) into the blow tube hole B (2).
- 3. Tighten screw (1) lightly to secure the blow tube (3).

### 3.2 Piercing the Universal Pad Sliding Foil

On the bottom of the pad there are holes for holding the labels in place by vacuum. The universal pad is delivered with these holes are covered by a sliding foil and must be punctured according to used the label size. For that purpose a piercing pin is included in the contents of delivery.



#### Attention!

Danger of stabbing injuries in case of inappropriate use.

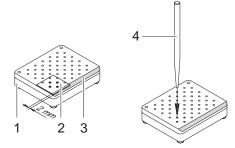


Fig. 11 Piercing the sliding foil of the universal pad

- Place a label (1) on the bottom of the pad
   Note the position of the slanted edge (3).
- 2. Align the label so that it protrudes about 2 mm over the slanted edge.
- 3. Pierce holes into the sliding foil with the piercing pin (4) that are clearly covered by the label as illustrated. Ensure the holes are free of sliding foil by twisting the piercing pin.

## Y

### Attention!

Do not pierce holes into the sliding foil which are located less than 1 mm from the label's edge as this will compromise the vacuums efficiency.

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### 3.3 Preparing the Applicator for the Spring Mounted Pad 401x-4x00

# 1

### Attention!

Ensure the cylinder assembly does not get damaged or cause injury when loosening screws to perform adjustments.

Depending on the type of pad being used the cylinder assembly can be mounted at different heights.

When delivered, the pad assembly is mounted in the lowest position as this is suited for most pads.

In case of using a larger pad (e.g. 116x102/116x152) with the applicator 4014/4016 it is necessary to change the position of the pads z-direction.

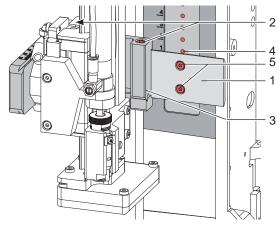


Fig. 12 Changing the base height of the cylinder unit

- 1. Loosen screws (2) and move the pad assembly with the girder (3) along the adapter profile (1) until the screws (5) can be reached.
- 2. Loosen screws (5).
- 3. Move pad assembly with adapter profile (1) up one snap point position (4).
- 4. Fix the cylinder assembly in new position with screws (5).
- 5. Tighten screws (2).

## 3.4 Mounting the Pad

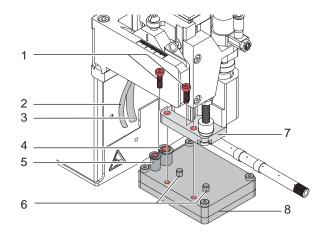


Fig. 13 Mounting the pad

- 6. Insert the pins (6) of the pad (8) into the holes on the bottom of the pad holder (7).
- 7. Fix the pad (8) to the pad holder (7) with the screws (1).
- 8. Insert the vacuum tube (2) and the air blowing tube (3) into their appropriate push-in-fittings (4 & 5) of the pad.



### Attention!

► To avoid possible collisions of the pad with other parts of the printer-applicator system, please roughly align the pad in all directions before connecting the applicator to the compressed air supply!

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## 3.5 Adjusting the Pad

For the perfect application of labels it is necessary that the pad is placed precisely above the dispensed label.

### Aligning the pad parallel to the dispensing plate

The edge of the pad should be positioned parallel to the dispensing plate of the printer in order to position the label exactly on the pad.

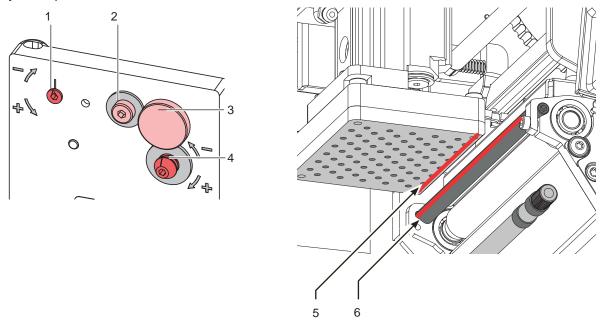
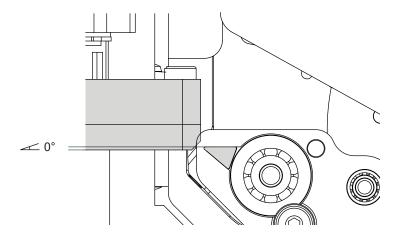


Fig. 14 Aligning the pad to the dispensing plate

- 1. Loosen the knurled screw (3) and the set screw (4).
- 2. Screw in the knurled screw (3) until the pad edges (5) are aligned parallel to the dispensing edge (6) of the printer.
- 3. Tighten the set screw (4) until it touches the printer.

### Aligning the pad at an angle to the dispensing plate



- 4. If the angle between the pad surface and the dispensing edge support surface is not 0 ° loosen screw (2).
- 5. Correct the angle of attack by turning the eccentric (1).
- 6. Tighten screw (2).

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## 3.5.1 Moving the Pad in Y-Direction

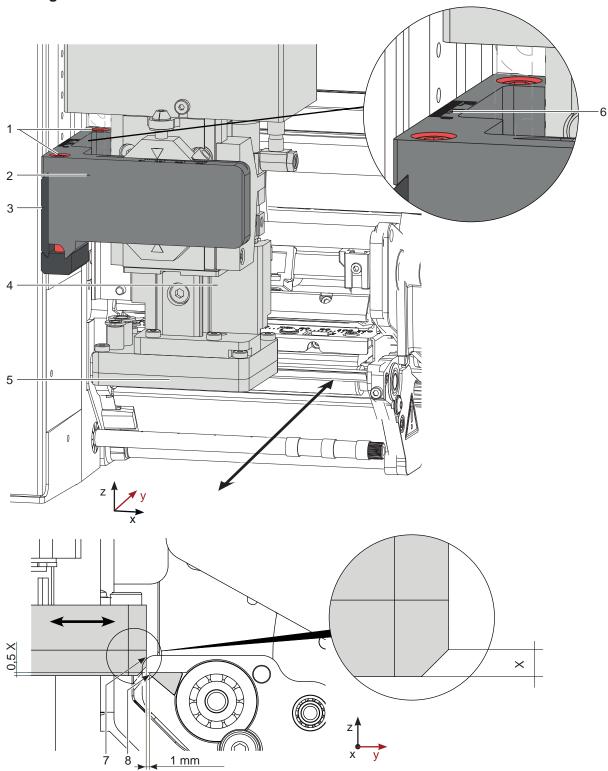


Fig. 15 Displacement in the Y direction

### Displacement in the Y direction (printing direction)

- 1. Loosen screws (1) on the cross beam (2).
- 2. Move cylinder assembly (4) with the pad (5) and crossbeam (2) along the guiding rail (3) that the distance from the edge of the pad (7) to the edge of the dispensing plate (8) of the printer is approximately 1 mm. Orientation: Graduation (6)
- 3. Tighten screws (1).

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# 3.5.2 Moving the Pad in Z-Direction

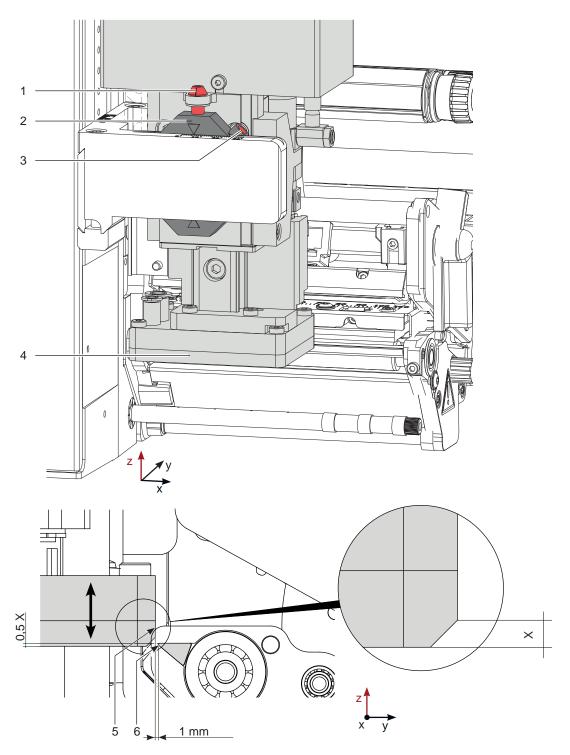


Fig. 16 Displacement in the Z direction

- 1. Loosen screw (3) on the binder (2).
- 2. Turn the setting screw (1) so that the bottom side of the pad (4) is 1 mm over the top of the dispensing plate (6) of the printer.
- 3. Tighten screw (3).

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## 3.5.3 Moving the Pad in X-Direction

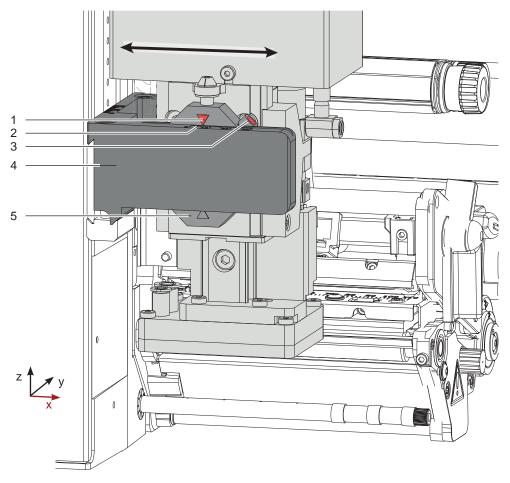


Fig. 17 Displacement in the Y direction

### Displacement in the X direction (Side)

- 1. Loosen screw (3) on the binder (5).
- 2. Move cylinder assembly with the pad along the crossbeam (4) so that the dispensed label is aligned centrally to the pad. As reference use the provided graduation/ruler on the crossbeam.

  Orientation: Graduation (2) and Marking (1)
- 3. Tighten screw (3).

4 Operation 17

### 4.1 Standard Operation

- Check all external connections.
- ▶ Load the material. Ensure that the locking system is locked ▷ "Operator's Manual" of the printer.
- Open the shutoff valve.



# Attention! Ensure that the pad is not covered by a label when switching on the printer-applicator system.

Otherwise the vacuum sensor may be calibrated faultily.

- Switch on the printer.
- f Note

In case the pad is outside the start position in the moment of switching on it will interrupted the procedure and give notice an error message on the display of the printer.

If you push the button pause on the printer is receipt the error and the applicator will move into the start position.

The Applicator is ready for work.

▶ Press the at the printer.

A synchronization feed is released. The processed labels have to be removed manually. After a few seconds the printer carries out a short backfeed to position the front edge of the next label at the printing line.

Note!

This synchronizing also has to be carried out when the print job has been interrupted with the cancel key. Synchronizing is not necessary when the print head was not lifted between print jobs. This also applies if the printer was powered off between print jobs.

- Start a print job
- ► Start the labelling process via PLC interface.

Error messages during labelling process are shown in the display of the printer ▷ Error Messages.

### 4.2 Cleaning



### Attention!

Never use solvent and abrasive.

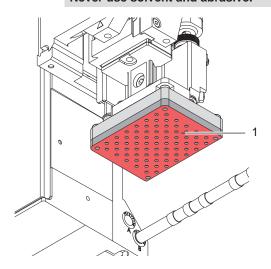


Fig. 18 Cleaning pad with slide foil

- ▶ Clean the outside surfaces with multi purpose cleaner.
- ► In regularly function it's possible that accrue dust particles and label splits. Remove that by a soft brush or/and a vacuum cleaner.
- ► Especially at slide foil (1) it's possible that fouling deposit. To receive an ideal takeover and handling of the label it's necessary to clean the surface of slide foil at regular intervals.

Configuration 18 5



#### Note!

The settings in the printer configuration are basic settings for the specific printer-applicator combination. If the applicator or printer is changed, a new setting is required.

Adaptation to the respective print job must be carried out primarily via the software. Additional offset values are available here. The offset values from the device settings and the software add up during operation.

For detailed information about printer configuration  $\triangleright$  Printer configuration manual

#### 5.1 Setting in the printer menu



### Note!

This guide only describes the specific contents of the Labeling menu. More information about configuration  $\triangleright$  Printer configuration manual.

▶ Start menu.





Param	neter	Meaning	Default
$\overline{\Omega}$	Cycle sequence	Setting the application mode <i>Print-Apply / Apply-Print Print-Apply</i> :	Print-Apply
		An external start signal releases the print of a label and following the application of the label. After a cycle is complete, the pad without label waits in the start position.	
		Apply-Print:	
		An extra signal FSTLBL starts the print of the first label and the transfer of the label to the pad. The external start signal releases the application of the label and following the print and transfer of the next label.  After a cycle is complete, the pad with a label is in the waiting position.	
П	Automatic FSTLBL	* only with Cycle sequence = Apply-print	Off
FSTLBL		The FSTLBL signal is triggered automatically in subsequence to a print job been started.	
	Peel-off position	Shift the position of the dispensed label relative to the dispensing edge.	0.0 mm
		The setting can also be adjusted by the software. The settings of configuration and software are added together.	
Ċï	Support delay on	Setting the switch-on delay (max. 2,5 s) for the supporting air between print start and switching on the supporting air. The delay prevents swirling at the front of the label and, consequently, avoids faults when the label is being picked up from the printer.	0 ms
đi	Support delay off	Setting the switch-off delay (max. 2,5 s) for the supporting air between the end of label forwarding and switching on the supporting air. The delay can be useful to separate the rear edge of the label from the carrier to avoid errors and to improve the accuracy of label positioning	270ms
©r	Start delay	Delay (max. 2,5 s) between start signal and the start of an labelling cycle. Allows e.g. the use of product sensors at conveyors.	0 ms
©a	Lock time	All start signals coming in following the first start signal are ignored when they arrive within the lock time (max. 2,5 s).	0 ms
	Roll-on time	* Only at Transfer mode = Roll on  Dwell time (max. 5 s) of the pad in the labelling position	1000 ms
<b>6</b> "	Blow time	* Only at Transfer mode = Blow on Switch-on time (max. 2,5 s) of the blowing air for the label transfer	1000 ms
TULE U	Transfer mode	Setting the operation mode Stamp on, Roll on, Blow on	Stamp on

Paran	neter	Meaning	Default
	Vacuum control	Setting the label transfer check from printer to pad and from pad to product by the vacuum sensor	On
1	Cleaning blow	Activation of a short blow impulse after the application of the label to clean the suction channels.	On
<b>6</b> 11	Vacuum delay	On - The vacuum will be switched on after the label feed is completed. Off - The vacuum will be switched on when the label feed starts.	Off
<b>₽</b> ∏	START Mode	Define the condition for triggering the START signal.  Edge: from low to high  Level: high	Edge
	Pad empty delay	Delay after the start of the backward movement of the cylinder movement before checking whether the label has been deposited.	100 ms

Table 2 Menu Labelling

## 5.2 Special JScript Commands



#### Note!

Some parameters of the menu Setup > Labelling can be changed or overridden by JScript commands in a print job. Numerical entries must be entered in increments of ten.

These changes are valid for the current print job only.



### Attention!

The meaning of the commands O Ax=y in the following table are valid for SQ 3200 only. For other applicators the meaning of these commands are different.

### Command O Ax=y

х	Meaning	Value range y	Default	Example
0	Support delay on in ms	0-2500	0	O A0=500
1	Support delay off in ms	0-2500	270	O A1=500
2	Start delay in ms	0-2500	0	O A2=500
3	Lock time in ms	0-5000	0	O A3=500
4	Blow time in ms	0-2500	1000	O A4=500
5	Roll-on time in ms	0-5000	1000	O A5=1500
6	Transfer mode	Stamp on / Roll on / Blow on	Stamp on	O A6=Stamp on
8	Vacuum control	on / off	on	O A8=on
10	Cleaning blow	on / off	on	O A10=on
11	Vacuum delay	on / off	off	O A11=off
18	START Mode	Edge / Level	Edge	O A18=Edge
19	Pad empty delay in ms	0-1000	100	O A19=200

Table 3 O Ax commands



### Attention!

The y-values must be set as shown in the table regarding blanks and case sensitivity.

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## 6.1 Error Messages of the Printer

For detailed information about printer errors (e.g. 'Paper out', 'Ribbon out', etc.)  $\triangleright$  Check the operator's manual of the printer. Error treatment:

- ► Clearing the error results.
- Press the to synchronize the label feed, remove the left over labels manually.

To quit the error state press Repeat .

After error correction, the label causing the error will be reprinted.

## 6.2 Error messages of the applicator

The following table contains an overview of error messages and their possible causes. It also suggests methods to resolve the problem :

Error message english	Cause	Error treatment
Air Pressure to low: <value> bar</value>	Pressure is too low < 4 bar	Increase pressure 4 to 6 bar
Air Pressure to high: <value> bar</value>	Pressure is too high > 6 bar	Reduce pressure 4 to 6 bar
Label not deposited	Label was not applied to product and is still on the stamp when the cylinder moves back.	Check the product position Check the lift length of the cylinder (Stopper)
Not in home position after power on	Stamp is outside the starting position.	Acknowledge error, applicator moves to the starting position.
Home position not reached within <value> sec</value>	Stamp does not reach the starting position of the cylinder movement within the specified time.	Increase cylinder speed (throttle valve) Check the sensor → adjust or replace sensor
Home position left unauthorized	Stamp has left the starting position uncontrollably	Acknowledge error, applicator moves to the starting position.
External stop	Process was interrupted externally via I/O STOP.	Eliminate cause of external stop
Label not taken	Label was not transfered by the stamp.	Check stamp position Check vacuum
Label lost during transport	Label fell off the stamp before it could be applied to the product.	Stempel reinigen Vakuum überprüfen
End position not reached within <value> sec</value>	Stamp does not reach the end position of the cylinder movement within the specified time	Increase cylinder speed (throttle valve) Check the sensor → adjust or replace sensor
Sensor information inot plausible	Sensors are activated that should not be activated.	Check the sensor → adjust or replace sensor Check the applicator type in the setup

Table 4 Error messages of the applicator

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Error treatment:

► Clear the error state.

▶ In order to clear the error state press **continue**, **repeat** or **cancel**.

Continue with the next label in the printing queue.

Repeat repeat the print of the label causing the error.

Only applicable with error Vac. plate empty.

Cancel the current print job.



### Warning!

After the error has been resolved the pad will immediately move back to the starting position! Danger of injury to hands and fingers by the moving pad!

▶ Do not reach into the area of the moving pad and keep long hair, loose clothes, and jewelry away.

Reprinting a label, interrupted by an error, is not possible without a new printing job.

▶ In the mode "apply/print" before the standard cyclic operation can commence the signal "print first label" must be sent or push to send a printed label to the pad.

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## 7.1 Declaration of Incorporation



cab Produkttechnik GmbH & Co KG Wilhelm-Schickard-Str. 14 D-76131 Karlsruhe Germany

## **EC Declaration of Incorporation**

We declare herewith that the following "partly completed machinery" as a result of design, construction and the version put in circulation complies with the essential requirements of the Directive 2006/42/EC on machinery:

Annex I, Article 1.1.2, 1.1.3, 1.1.5, 1.1.6, 1.2.1, 1.3.2, 1.5.2, 1.5.8, 1.6.3, 1.7

In the event of any alteration which has not been approved by us being made to any device as designated below, this statement shall thereby be made invalid.

Device	Applicator
Туре	HQ 4014 / HQ 4016
Applied EU Regulations	Applied Standards
Directive 2006/42/EC on machinery	EN ISO 12100:2010
	EN ISO 13849-1:2015
	EN 62368-1: 2014/AC:2015
Other Relevant Directives	
• Directive 2014/30/EU relating to electromagnetic com	npatibility
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• Directive 2011/65/EU on the restriction of the use of o	· · · · · · · · · · · · · · · · · · ·
• Directive 2011/65/EU on the restriction of the use of o	· · · · · · · · · · · · · · · · · · ·
Directive 2011/65/EU on the restriction of the use of delectronic equipment	certain hazardous substances in electrical and
Directive 2011/65/EU on the restriction of the use of a electronic equipment	certain hazardous substances in electrical and  Marcel Michalski
Directive 2011/65/EU on the restriction of the use of delectronic equipment  Person authorised to compile the technical file	Marcel Michalski Am Unterwege 18/20 99610 Sömmerda
Directive 2011/65/EU on the restriction of the use of a electronic equipment	Marcel Michalski Am Unterwege 18/20 99610 Sömmerda  Karlsruhe, 12,09,2024
Directive 2011/65/EU on the restriction of the use of delectronic equipment  Person authorised to compile the technical file  Signed for, and on behalf of the Manufacturer	Marcel Michalski Am Unterwege 18/20 99610 Sömmerda  Karlsruhe, 12,09,2024
Directive 2011/65/EU on the restriction of the use of celectronic equipment  Person authorised to compile the technical file  Signed for, and on behalf of the Manufacturer  cab Produkttechnik GmbH & Co KG	Marcel Michalski Am Unterwege 18/20 99610 Sömmerda  Karlsruhe, 12,09,2024
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The product must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of the Directive on machinery.

The documents according annex VII part B from the incomplete machinery are created and will commit to state agencies on request in electronic kinds.

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# 7.2 EU Declaration of Conformity



cab Produkttechnik GmbH & Co KG Wilhelm-Schickard-Str. 14 D-76131 Karlsruhe Germany

# **EU Declaration of Conformity**

We declare herewith that the following device as a result of design, construction and the version put in circulation complies with the relevant fundamental regulations of the EU Rules for Safety and Health. In the event of any alteration which has not been approved by us being made to any device as designated below, this statement shall thereby be made invalid.

Device	Applicator
Туре	HQ 4014 / 4016
Applied EU Regulations	Applied Standards
Directive 2014/30/EU relating to electromagnetic	EN 55032:2015+A11:2020
compatibility	EN 55035:2017+A11:2020
	EN 61000-6-2:2005/AC:2005
Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment	EN IEC 63000:2018
Commission delegated directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances	
	·
Signed for, and on behalf of the Manufacturer	Karlsruhe, 12.09.2024
cab Produkttechnik GmbH & Co KG Wilhelm-Schickard-Str. 14	Badning
D-76131 Karlsruhe	Klaus Bardutzky Managing Director