Status: 05/2019

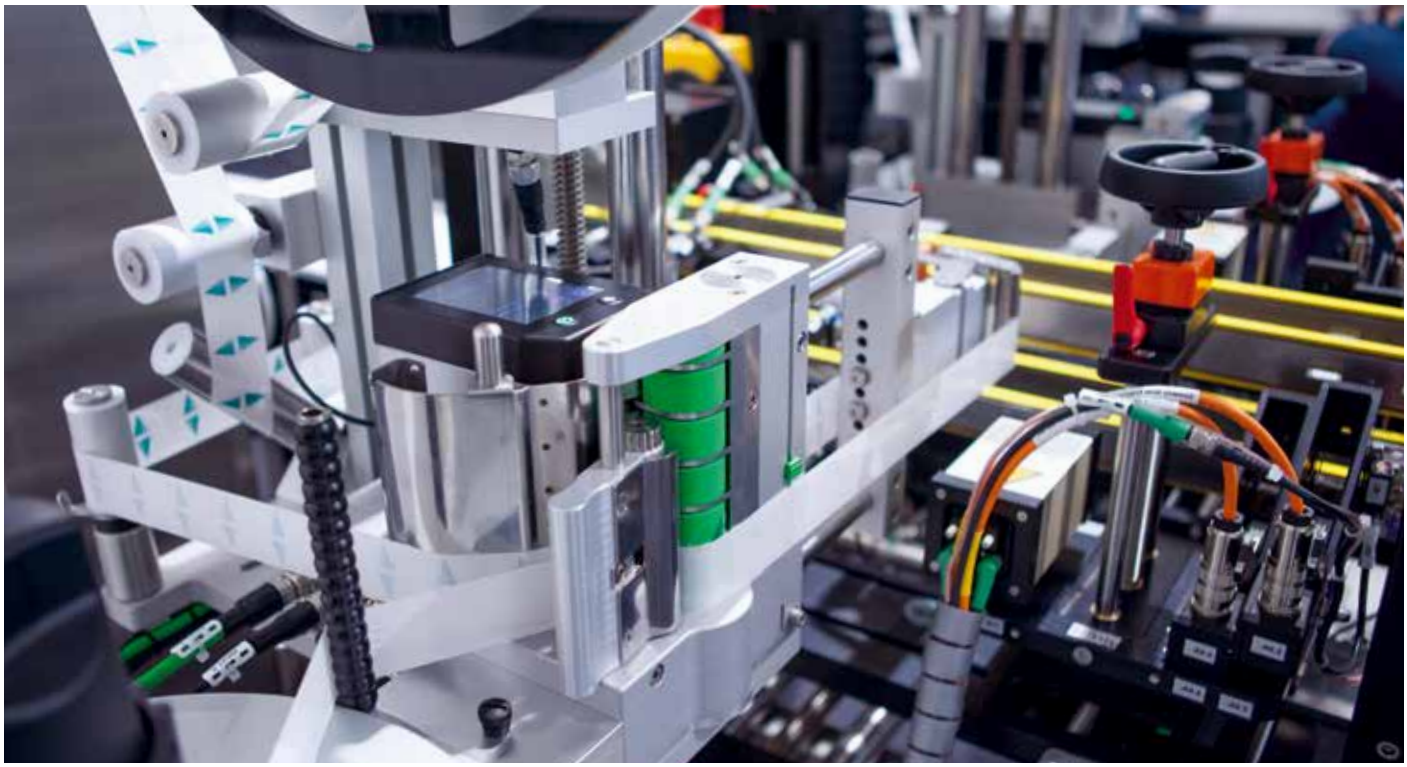
Products need labeling

Labeling heads

IXOR

Made in Germany

Smallest servo-driven labeling head in its performance class



A future-proof investment
In the matter of mechanics, the IXOR can be ideally integrated in fully automatic labeling machines with the help of a modular construction kit. It can also be assembled to the conveyor belt of a production line by means of accessorial stands. Pre-printed labels are applied on products or packaging fast and precisely.

The device has the control unit integrated, a separate control cabinet is not required. The base unit can be selected from four structural widths in right-hand and left-hand designs. Unwinders pick up label rolls with 410 mm maximum outside diameter.

Zero downtime is possible through a redundant system.

The labeling head is a key component for smart production. The LAN and WLAN interfaces enable the device to be connected to the superior control units of machines.

MQTT ensures cross-platform and future-proof communication, while Modbus, OPC UA and Ethernet/IP are available on demand. Protocols are kept simple and lean, machine and plant data can be submitted event-driven. If data values change, updates are possible in real time.

Remote IXOR operation with a smartphone, a tablet or a PC is possible at any time. The intuitive web interface allows backup, restore and updates.

MQTT OPC UA

Scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee.

Information is also available on the Internet:
www.cab.de/en/ixor

Examples of construction

Construction L - left-hand
Assembly V - vertical

Pictured:
1.1 Labeling head 124 L
2.1 Unwinder D310 V 124 L
Outside diameter D: 310 mm

Construction R - right-hand
Assembly V - vertical

Pictured:
1.1 Labeling head 124 R
2.2 Unwinder D410 V 124 R
Outside diameter D: 410 mm

Construction R - right-hand
Assembly V - vertical

Pictured:
1.1 Labeling head 124 R
2.1 Unwinder D410 V 124 R motor-driven
Outside diameter D: 410 mm

Construction L - left-hand
Assembly H - horizontal

Pictured:
1.2 Labeling head 186 L
2.2 Unwinder D410 H 186 L
Outside diameter D: 410 mm

For more examples of construction
see delivery program starting on page 19.

Operation panel

Home screen

1 **Status bar**
Speed, label winding, current label roll diameter, label length, WLAN signal, status of start and stop signal

2 **Operational and warning messages**
in alternation with the cab logo

3 **Counter and diagnostics indication**
Application-specific configuration

4 **Quick menu** for comfortable editing of values
Quick adjustment with a slider, precise adjustment with the help of a button

Speed

Press briefly
Labeling speed adjustment

Press for 3 or more sec.
Masterencoder test

Start delay

Press briefly
Change the label position on the product

Press for 3 or more sec.
Start sensor compensation wizard

Stop delay

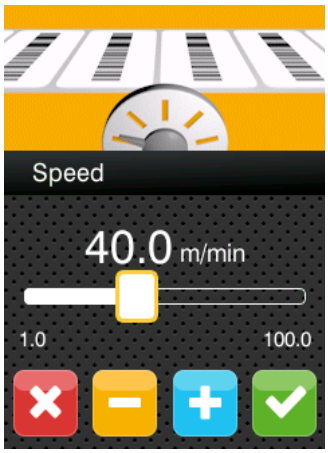
Press briefly
Adjustment of label stop on the peel-off plate

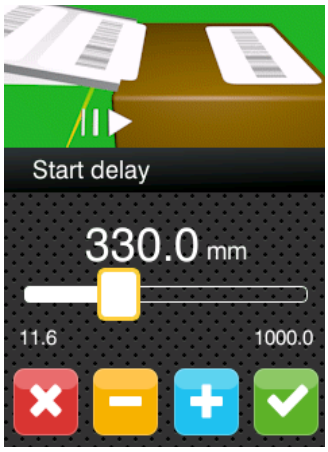
Press for 3 or more sec.
Label sensor AutoTeach feature

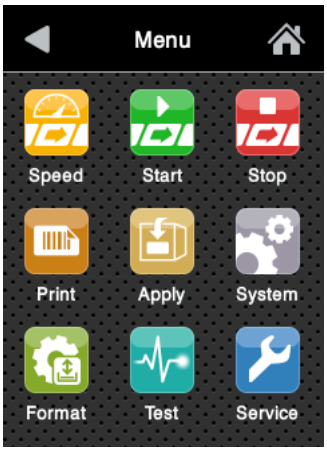
Menu selection

Press briefly
Jump to menu via icons

Press for 3 or more sec.
Password login







Software features

Menu icons one by one


SPEED

Label speed
including synchronized product speed


START

Label position on the product
including multi-labeling;
start condition


STOP

Label stop on the peel-off plate
including detection of labels missing on the liner tape;
stopp condition


PRINT

Print settings
for the control of optional printers;
printing while labels are in motion or not in motion


APPLY

Transfer settings
for the control of optional label transfer units
such as applicators, air-jet box, etc.


SYSTEM

System settings
Display, language
Metric / inch units
Pre-warning to end of label web


FORMAT

Application-specific configuration
a maximum of 100 formats;
backup and restore with the help of a PC


TEST

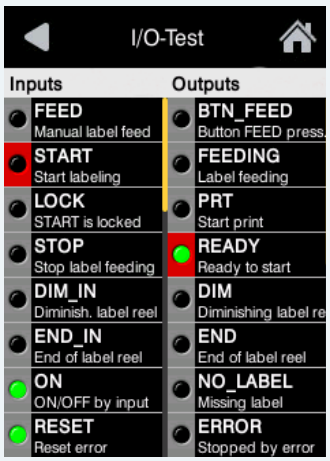
Simulation and testing
Display and setting of inputs and outputs
for service purposes


SERVICE

Service tools
Maintenance wizard
Lot counter
Video tutorials

Sub menu and service features

Sub menu
with more than 150 features



I/O test
Status display of all inputs and outputs;
ideal with initial operation, especially
when the labeling head integrates
in external control units

Video tutorials
Watch feed path schemes on the display. Scan QR code with a mobile device to see more explanatory clips.

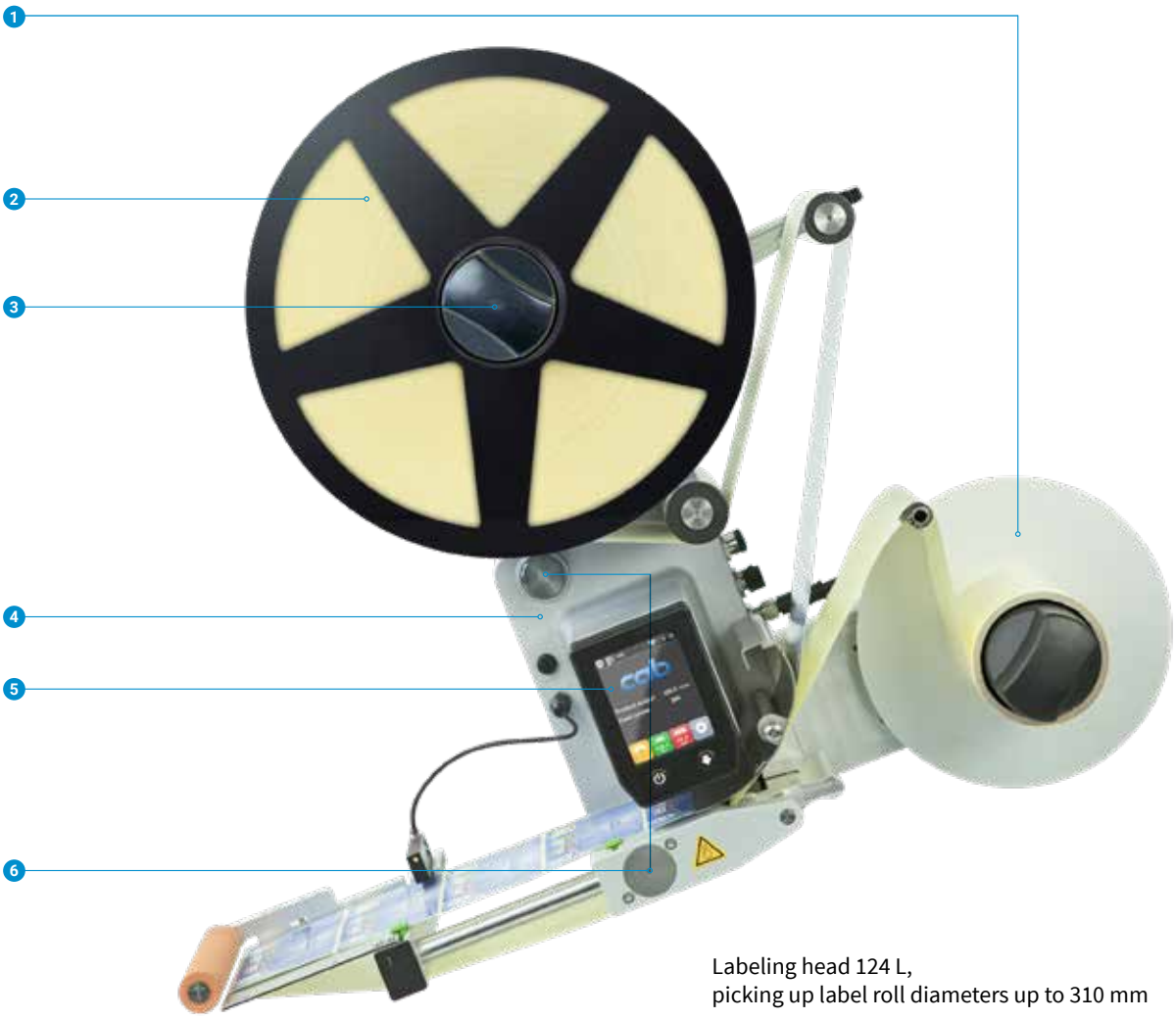
Details - standard labeling head

The subsequent illustration shows a very common IXOR version.

This configuration is characterized by an economic and compact construction.

The unwinder and the rewinder are mounted directly on the base unit and operate without a separate drive.

In contrast, the illustration on the right shows an IXOR with a motor-driven unwinder and a motor-driven rewinder, enabling to process large label rolls.



Labeling head 124 L,
picking up label roll diameters up to 310 mm

1. **Rewinder**
When the labels have been peeled off, the liner tape is rewound. The swing lever and an integrated coupling enable the liner tape to be constantly tensed after passing the drive roller.

2. **Unwinder**
picking up label rolls with 310 mm (optionally 410 mm) maximum outside diameter. The swing lever and an integrated brake mechanism enable constant tension of the label web.

3. **(Label roll) core retainer**
By turning the handle, the core of the label roll is tightened and released again.

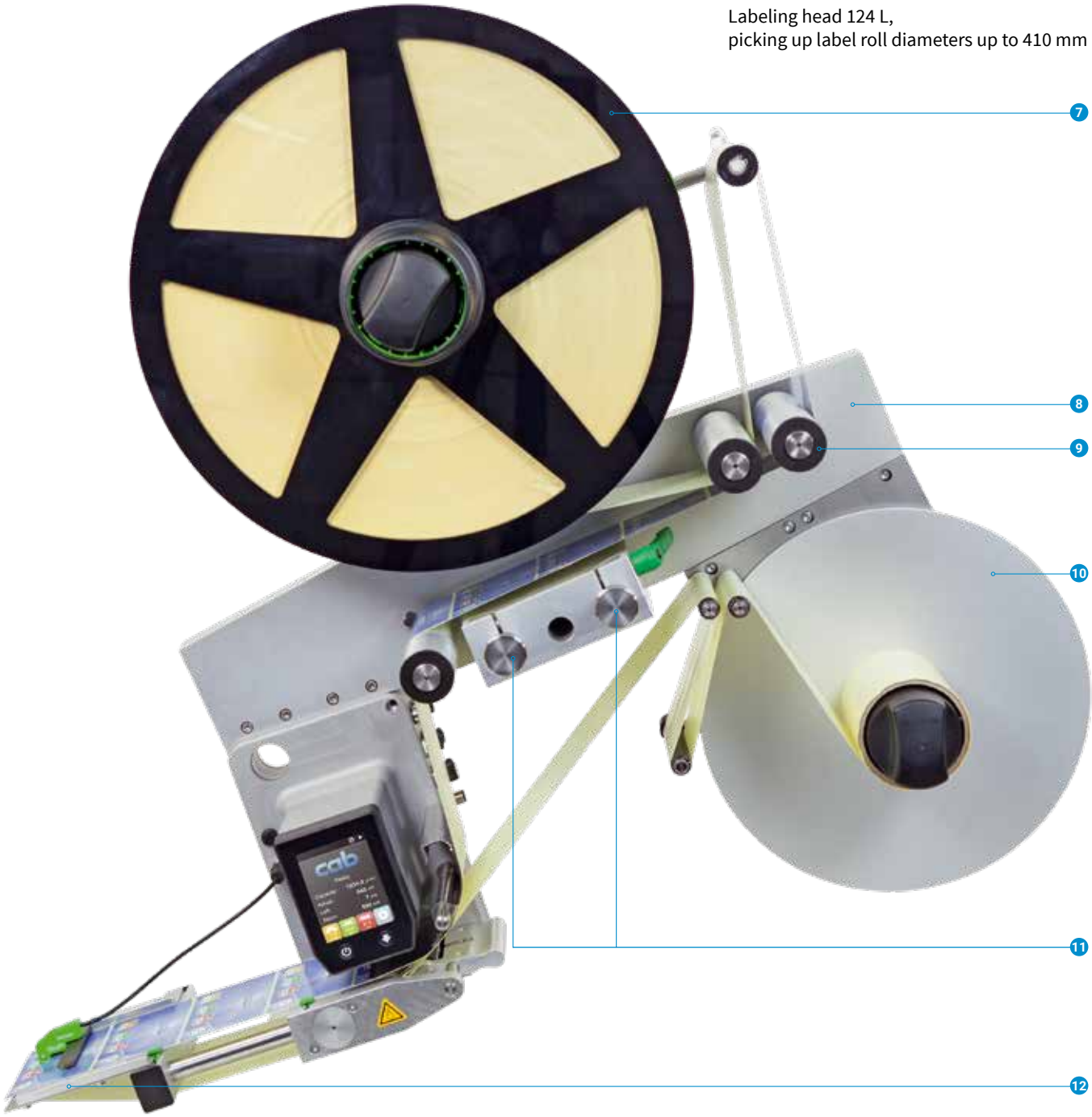
4. **Base unit**
made of cast aluminum. Basis to assemble all the units. The chassis possesses protection class IP66, NEMA 250 type 12. Further included is the drive unit consisting of a highly dynamic and high-torque servo motor.

5. **Operation panel**
Colored 3.5“ LCD touch display. In case of overhead assembly, the display can be rotated by 180°.

6. **Pick-up points**
on bars with 30 mm diameter. By moving the system, the position of the label on the product can be adjusted transverse to its transport direction.

Details - labeling head with motor-driven winders

Labeling head 124 L,
picking up label roll diameters up to 410 mm



7 Motor-driven unwinder
picking up label rolls with 410 mm (optionally 510 mm) maximum outside diameter. An integrated, brushless torque motor rotates the label roll and unwinds the label web according to the swing lever position.

8 Fixing bar
to pick up all the units: base unit and motor-driven winders

9 Deflection rollers
to guide the label web from the motor-driven unwinder to the base unit. Diameter 38 mm as pictured above

10 Motor-driven rewinder
When the labels have been peeled off, the liner tape is rewound. The swing lever and an integrated, brushless torque motor enable the liner tape to be constantly tensed after passing the drive roller.

11 Pick-up points
see position 6

12 Peel-off plate
to be application-specifically configured with the help of a comprehensive construction kit.

Base unit

The base unit can be considered the heart of every labeling head. Included are the drive roller for label web transport, a brushless servo motor and the control unit containing the operation panel.

Interfaces:

1 END/DIM
Inputs
End of label web
Pre-warning to end of label web

2 LAN

3 START
Input
Labeling

4 Digital I/O

Analog inputs
Speed
Start delay
Stop delay

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

Outputs
Labeling head ready
Pre-dispense
Stop label feed
Label feed running
Label missing on liner tape
End of label web
Pre-warning to end of label web
Error
User-defined

5 SYNC
Input
Synchronized label and product speed

6 APPLY
USB
Inputs
Transfer unit in initial position
Transfer unit in operating position
Printer busy

Outputs
Transfer unit
Label blow-off
Start printer

7 POWER

8 PRINT
Input
Printer busy

Outputs
Start printer
Start transfer unit

9 WLAN

10 STOP
Input
Label sensor stop signal

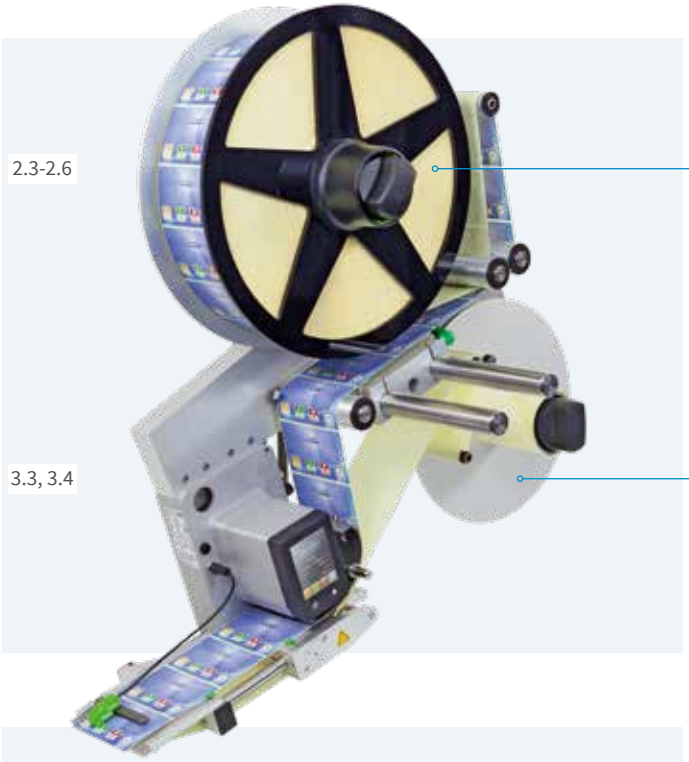
Output
Label sensor Teach signal

Technical data - labeling head

Labeling head	Structural width	124 mm	186 mm	248 mm	310 mm
Performance					
Web speed	up to m/min	25, 50, 100, 200 - depending from device model			
	up to ipm	1,000, 2,000, 4,000, 8,000 - depending from device model			
Material					
Labels on roll		Paper, plastics PET, PE, PP, PVC			
Thickness	mm	0.055 - 1			
Weight	g/m²	60 - 700			
Width Labels[1]	up to mm	120	182	244	306
Liner tape	up to mm	124	186	248	310
Label length	mm	5 - 6,000			
Media roll Outside diameter		310/410 mm (12"/16")			410 mm (16")
Core diameter		76 mm (3")			
Winding		outside or inside			
Weight	up to kg	15			
Labeling head sizes and weights					
Height with media roll 310 mm	min. mm	600 x 600			-
x Width with media roll 410 mm	min. mm	700 x 680			825 x 925
Depth	mm	266	328	390	452
Weight	min. kg	14	14.5	15	32
Device data					
Drive		AC servo motor			
Operation panel		QVGA-resoluted LCD color display			
Masterencoder (option)		24 V HTL, track A + B			
Orientation of assembly		vertical / horizontal			
Label sensor					
Method		Transmitted light, inductive, capacitive[2], ultrasonic[2]			
Function		Detection of label margins and end of materials			
Interfaces					
Digital I/O		17 pin, 24 V PNP to communicate signals with a superior control unit (galvanically isolated)			
Analog		Inputs (0-10 V / 0-24 V) for speed, **START**, **STOP** parameters in conjunction with PLC supplied by the customer or potentiometer (galvanically isolated)			
LAN		MQTT, Modbus, Ethernet/IP[2], OPC UA[2]			
WLAN		WLAN 802.11 b/g/n, 150 MBit/s, 2.4 GHz			
Periphery (**APPLY**)		12 pin, to connect USB warning light and applicator (24 V PNP, galvanically isolated)			
End of web sensor		5 pin, 24 V PNP or end of web sensor by cab			
Start and stop sensor		5 pin each, 24 V PNP (galvanically isolated)			
Synchronized product speed		5 pin, 24 V PNP external synchronization signal or by masterencoder (galvanically isolated), masterencoder is an option			
Serial (option)		RS232/RS485			
Operating data					
Mains I Protection class		primarily TN and TT grids I Protection class I			
Power supply I Power consumption		100 - 240 VAC, 50 - 60 Hz I 100 V - 240 VAC / up to 4 A			
External fusing		120 V: at least 6 A slow, up to 20 A / 230 V: at least 3 A slow, up to 16 A			
Leakage current		EN 60950: 260 V / 60 Hz: 2.6 mA			
Type of protection		IEC 60529: IP 66, UL 50 type 12, NEMA 250 type 12			
Temperature / humidity	Operation	0 - 40 °C / 10 - 85 % not condensing			
	Stock	0 - 60 °C / 20 - 80 % not condensing			
	Transport	–25 - 60 °C / 20 - 80 % not condensing			
Approvals		CE, FCC, IC, ICES-3, CB, cULus			
Operation panel					
LED buttons		ON, FEED			
LCD graphics display	Width x Height mm	54 x 70			
Settings		Language settings, device settings, interfaces, memory for 100 product formats			
On display		Operational and warning messages			
Monitoring / test routines					
Label web		Pre-warning to end of label web, end of label web, label web broken			
Drive		Torque, temperature, power supplies, currents			
Electrical outputs		Overload protection, short circuit, reverse polarity			
System		Diagnostics when device is switched on, I/O test menu integrated			

[1] The label size is further defined by the type of applicator. Limitations may apply to small labels, thin materials or strong adhesive. Such applications need to be tested.
[2] on request

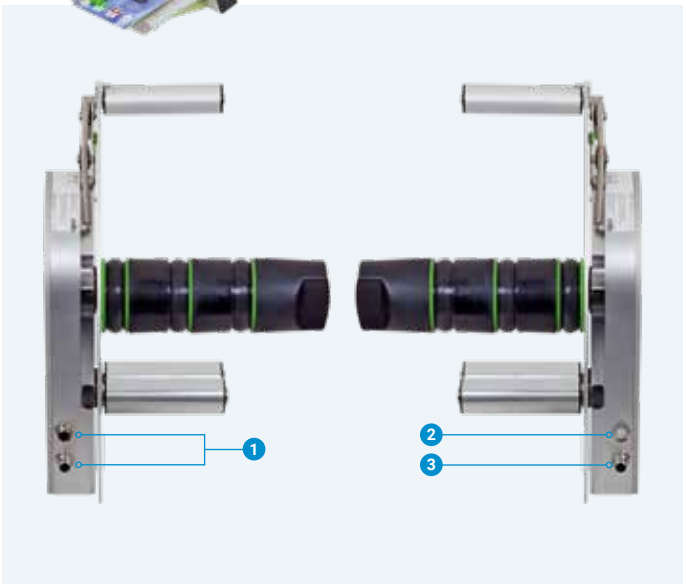
Motor-driven winders



Use is in combination with the base unit.
They are operated via the operation panel of the labeling head.

1 **Motor-driven unwinder**
picking up the label roll and providing the label web;
fitting with large label roll diameters up to 410 / 510 mm
and high labeling performances

2 **Motor-driven rewinder**
picking up the liner tape;
available in diameters 310 and 410 mm;
ideally operated in conjunction with a motor-driven unwinder



Interfaces:

1 **POWER**
Power supply IN/OUT

cab BUS
Data interface to base unit

2 **ON/OFF switch**

2 **Digital I/O** (option)

Inputs
Winder ON
Error reset
User-defined

Outputs
Winder ready
End of label web
Pre-warning to end of label web
Error
User-defined

Technical data - motor-driven winders

Winder motor-driven	Structural width	124 mm	186 mm	248 mm	310 mm
Performance					
Web speed	up to m/min	125			
	up to ipm	5,000			
Material					
Labels on roll		Paper, plastics PET, PE, PP, PVC			
Thickness	mm	0.055 - 1			
Weight	g/m²	60 - 700			
Width Labels	up to mm	120	182	244	306
Liner tape	up to mm	124	186	248	310
Label length	mm	5 - 6,000			
Media roll Outside diameter		410 / 510 mm (16" / 20")			
Core diameter		76 mm (3")			
Winding		outside or inside			
Weight Unwinder	up to kg	30			
Rewinder	up to kg	15			
Winder sizes and weights					
Height with media roll 410 mm	min. mm	430 x 490			
x Width with media roll 510 mm	min. mm	530 x 590			
Depth	mm	266	328	390	452
Weight	min. kg	7			
Device data					
Drive		brushless torque motor			
Orientation of assembly		vertical / horizontal			
Interface					
Digital I/O (option)		12 pin, 24 V PNP to communicate signals with a superior control unit (galvanically isolated)			
Operating data					
Mains I Protection class		primarily TN and TT grids I Protection class I			
Power supply I Power consumption		100 - 240 V~, 50 - 60 Hz I 100 V - 240 V~ / up to 2 A			
External fusing		100 V: at least 3 A slow, up to 20 A / 230 V: at least 1.5 A slow, up to 16 A			
Leakage current		EN 60950: 260 V / 60 Hz: 0.28 A			
Type of protection		IEC 60529: IP 66, UL 50 type 12, NEMA 250 type 12			
Temperature / humidity	Operation	0 - 40 °C / 10 - 85 % not condensing			
	Stock	0 - 60 °C / 20 - 80 % not condensing			
	Transport	–25 - 60 °C / 20 - 80 % not condensing			
Approvals		CE, FCC, IC, ICES-3, CB, cULus			
Monitoring / test routines					
Label web		Pre-warning to end of label web, end of label web, label web broken			
Drive		Torque, temperature, power supplies, currents			
Electrical outputs		Overload protection, short circuit, reverse polarity			
System		Diagnostics when device is switched on			

Peel-off plates

4.1, 4.2

Peel-off plate standard
provided in lengths of 100 mm or 160 mm

pictured with a label sensor CEON and a wipe-down roller

4.4, 4.5

Peel-off plate adjustable 0° to +75°
to be continuously adjusted at angles from 0° to +75°
to the corresponding application field.

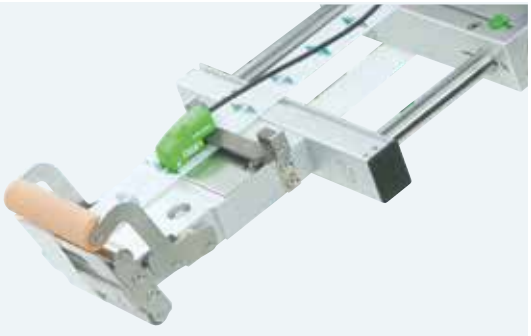
pictured with a label sensor CEON and a wipe-down roller

4.6, 4.7

Peel-off plate pivoted 0° to -30°
swinging downwards by up to -30°. The pneumatic drive
is controlled via the base unit. Uneven products
can be labeled and labels can be dispensed into pockets.

pictured with a label sensor CEON and a wipe-down roller

4.9



Peel-off plate 75° with a wipe-down roller
as a size-optimized unit with a fixed 75° label tape deflection angle.
A spring-mounted wipe-down roller to be adjusted in rest position
is included next to a retainer to fix the label sensor CEON.

pictured with a label sensor CEON

Accessories

5.1

Label sensor CEON

to detect and exactly position all conventional (even particularly thin, transparent or metallized) label materials at any mesh width:

- easy to assemble on the peel-off plate
- precise detection even at very high dispensing speeds up to 200 m/min
- high repeat accuracy
- comfortable AutoTeach sensor balance directly on the labeling head
- Operating voltage 15 to 30 VDC
- Push-pull amplifier output: PNP, NPN, 40mA, short-circuit proof

11.1

I/O box

to extend the programmable inputs and outputs provided with the labeling head. The signals are mainly used for customer-specific label application system control:

1. **Connection to labeling head**
   M12, 12 pin
2. **Connection to further participant**
   M12, 12 pin
3. **Digital inputs/outputs, analog inputs**
   M8, 3 pin

A total of 12 inputs and outputs are available per box.

16.1

External operation panel 4.3"

providing the same functionality as on the labeling head; landscape or portrait mode display

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

1. **LED:** Power ON
2. **USB slot** to connect a memory stick in order to transfer configuration data or the firmware

A maximum of three participants can be connected to the base unit: for example 2 x I/O box, 1 x external operation panel

Accessories

Label margin detection

5.2

Retainer bar
to assemble the label sensor CEON
on the peel-off plates 4.1 to 4.6

5.3

Forked light barrier
to detect translucent labels with
transparent or semi-transparent liner tapes;
optical operation principle (transmitted light)

5.4

Retainer
to assemble the forked light barrier
on the assembly rods 7.1

Software key

6.1

Speed key
to define the maximum labeling speed
for the base units 1.1 to 1.4

Assembly rod

7.1

Rod, diameter 16 mm
to assemble the peel-off plates 4.1 to 4.6
on the base units 1.1 to 1.4

Depending from the orientation of assembly,
users can choose between different lengths.

Distance peel-off plate to base unit 0 to 600 mm

Product detection

8.1

Product sensor
to trigger the labeling process
as soon as the product has been detected.
The maximum scanning range standard is 200 mm,
with transparent products it is 80 mm.

8.2

Product sensor cable
M12-M8, 4 pin, a-coded
Length 2.5 m

Masterencoder

9.1

Rotary encoder
with cable 2.5 m and plug M12, 5 pin, a-coded
A and B tracked
to automatically synchronize the labeling speed

9.2

Extender cable for rotary encoder
M12, 5 pin, a-coded
Lengths 2.5 m, 5 m, 10 m

9.3

Friction wheel for rotary encoder
to drive the master encoder by means of friction;
circumference 200 mm

9.4

Retainer for rotary encoder
The friction wheel is pressed onto the conveyor belt
in a spring-mounted manner.

Power supply cable

10.1

Power supply cable without a SchuKo plug
Lengths 2.5 m, 5 m, 10 m

10.2

Power supply cable with SchuKo plug
Length 2.5 m

Signal cable

10.3

I/O interface cable
Exchange of signals between the labeling head
and a superior control unit; for signal description
see page 8; lengths 2.5 m, 5 m, 10 m

With circular connectors:
1) Cable plug M12, 17 pin, male
2) Cable jack M12, 17 pin, female

10.4, 10.5

Signal cable
Exchange of signals between the labeling head
and label transfer units; for signal description
see page 8; lengths 1 m, 2.5 m

With circular connectors:
1) Cable plug M12, 12 pin, male
2) Cable jack M12, 12 pin, female

LAN cable

10.6

Ethernet cable
M12, 4 pin, d-coded to RJ45
Lengths 2.5 m, 5 m, 10 m

USB cable

10.7

Cable to connect an external operation panel
M12, 12 pin to USB-B
Length 5 m

10.8

USB adapter to connect a memory stick
to IXOR **APPLY** for backup and restore
Cable M12, 12 pin to USB-A
Length 0.2 m

Power cable

10.9

Power cable to connect winders
or winders with the base unit
Lengths 0.3 m, 0.8 m, 2.5 m

Counterholder

12.1

Counterholder 310 mm
to be used with a diameter 310 mm unwinder
in vertically oriented labeling head assembly.
It prevents the label web from accidentally
sliding off the media roll.

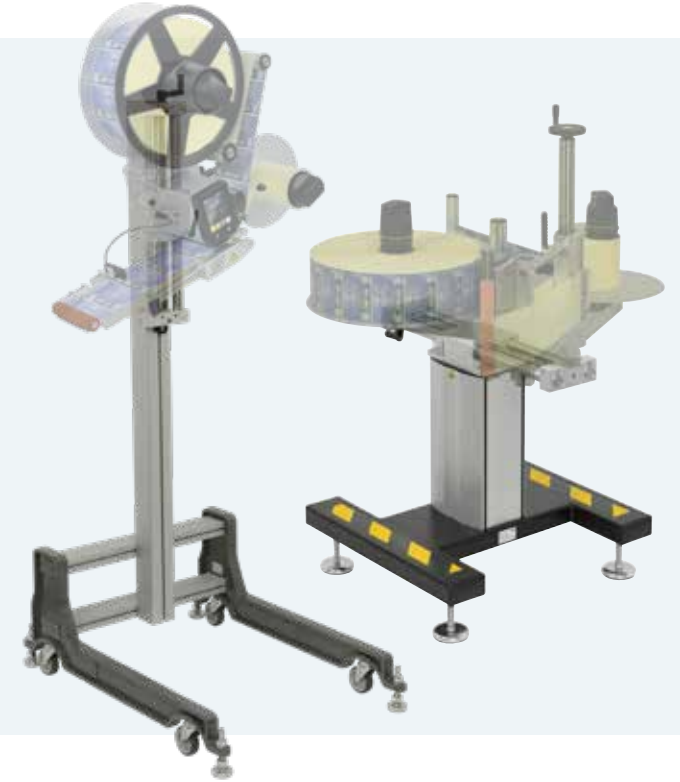
Counterholder 410 mm
to be used with a diameter 410 mm unwinder/
motor-driven unwinder in vertically oriented
labeling head assembly. It prevents the label web
from accidentally sliding off the media roll.

Counterholder 510 mm
to be used with a diameter 510 mm unwinder/
motor-driven unwinder in vertically oriented
labeling head assembly. It prevents the label web
from accidentally sliding off the media roll.

Accessories

Cover plate		
13.1		**Plate** to cover the machanical port on which the rewinder connects to the base unit. It is needed if no mechnical rewinder is assembled directly on the base unit.
Circular connector		
14.1		**Cable plug M12, 5 pin, a-coded, male** It allows to configure connecting cables yourself for the following interfaces: **START** **END/DIM** **PRINT** **STOP** For signal description see page 8
		Cable plug M12, 12 pin, male It allows to configure connecting cables yourself for the following interface: **APPLY** on the side next to the labeling head For signal description see page 8
14.2		**Cable jack M12, 5 pin, a-coded, female** It allows to configure connecting cables yourself for the following interface: **SYNC** For signal description see page 8
		Cable jack M12, 12 pin, female It allows to configure connecting cables yourself for the following interface: **APPLY** on the side next to the label transfer unit For signal description see page 8
Signal		
15.1		**Warning light** In addition to the display, it indicates the status of the device. Red Group error, e. g. end of label web, label web broken Yellow Pre-warning to end of label web Green Device ready It is assembled with the help of the stand included in delivery; length of cable is 2.5 m With 17 pin M12 circular connector to connect to the **digital I/O**
Wipe-down system		
17.1		**Wipe-down roller, wipe-down brush** to tamp labels on products in motion
Assembly aid		
18.1, 18.2		**Fixing bars** to assemble motor-driven winders and the base unit
Deflection roller		
19.1		**Deflection roller** D30 AL, paper guide integrated
		Deflection roller D38 AL, paper guide integrated
		Deflection roller D60 AL, paper guide integrated
Spacer		
20.1		**Spacer** for motor-driven unwinders D510, rewinders D410

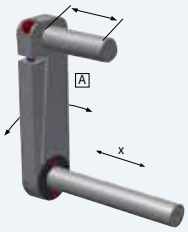
Accessories



Assembly aids
to assemble the labeling head customer-specifically in production lines or integrate it in labeling machines. At this, a construction kit is provided, including

- **device retainers,**
- **column stands,**
- **floor stands.**

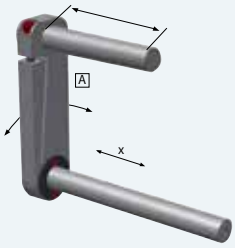
21.1



A **Pivoted device retainer**
to adjust the inclination of the labeling head.
For example, the peel-off angle "label to product" can be set.
Labeling head assembly is possible in three methods.

Method 1: Device fixed to vertically or horizontally assemble the labeling head
The labeling head cannot be adjusted in x-axis direction.

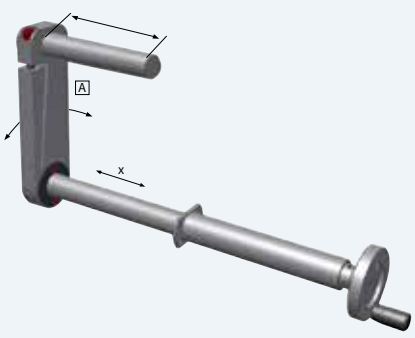
21.2



Method 2: Device moveable to vertically assemble the labeling head
The labeling head can be adjusted in x-axis direction by 200 mm transverse the direction labels are peeled off. In case of wipe-down labeling, the label position on the product may be varied transverse the transport direction of the product.

If no A **pivoted device retainer** is assembled, the adjustable track increases by 26.5 mm.

21.3



Method 3: Device precisely adjustable to vertically or horizontally assemble the labeling head
The labeling head can be precisely adjusted in x-axis direction with the help of a hand crank transverse the direction labels are peeled off. In case of wipe-down labeling, the label position on the product may be varied transverse the transport direction of the product.

Accessories

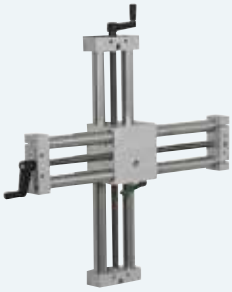
22.1

Column stand, one axis

to assemble the labeling head to a conveyor belt;
position is set with the help of a hand crank

Technical data		Column stand
Column length	mm	400 - 800
Adjustable track	mm	column length in mm - 205 mm
Column diameter	mm	30

22.2



Column stand, two axes

to assemble the labeling head to a conveyor belt;
position is set with the help of a hand crank

Technical data		Column stand
Column length	mm	400 - 800
Adjustable track	mm	column length in mm - 205 mm
Column diameter	mm	30

22.3

Floor stand 1632 vertical

primarily for labeling from the top on a product. It is moveable.
On site, locking and setting is possible with the help of leveling feet.
Preferred use is with applications in various production lines

Technical data		Floor stand 1632
Leveling feet, adjustability	mm	± 15
Load	up to kg	50
Load at protrusion 300 mm	up to kg	25
Distance from lower label margin to the floor	mm	880 - 1,200
Weight	approx. kg	40

22.4

Floor stand 1231 horizontal

primarily for labeling from the side on a product. It is adjustable in height and can be locked and set with the help of leveling feet on site. Preferred use is with applications in various production lines

Technical data		Floor stand 1231
Leveling feet, adjustability	mm	± 15
Load	up to kg	50
Load at protrusion 200 mm	up to kg	20
Distance from lower label margin to the floor	mm	664 - 904
Weight	approx. kg	40

Overview of accessories

■ typical ☐ on request

Pos.	Labeling head / Structural width	124 mm					186 mm					248 mm					310 mm		
Labeling speed	up to m/min	30	40	50	100	200	30	40	50	80	150	30	40	50	80	100	30	40	50
Winder																			
2.1	Unwinder, diameter 310 mm	■	■	■	☐	–	■	■	■	☐	–	■	■	☐	–	–	–	–	–
2.2	Unwinder, diameter 410 mm	■	■	■	–	–	■	■	☐	–	–	■	☐	–	–	–	–	–	–
2.3, 2.4	Unwinder motor-driven, diameters 410, 510 mm[1)]	☐	☐	☐	☐	–	☐	☐	☐	☐	–	☐	☐	☐	☐	–	☐	☐	☐
2.5, 2.6	Unwinder motor-driven with a double pendulum, diameters 410, 510 mm[1)]	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3.1	Rewinder, diameter 210 mm	■	■	■	☐	–	■	■	☐	–	–	■	☐	–	–	–	–	–	–
3.2	Rewinder, diameter 290 mm	■	■	☐	–	–	■	☐	–	–	–	☐	–	–	–	–	–	–	–
3.3, 3.4	Rewinder motor-driven, diameters 310, 410 mm[1)]	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4.1-4.10	Peel-off plates, rollers, installation profiles	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	☐	☐	☐
Label margin detection																			
5.1, 5.2	Label sensor CEON, retainer bar	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
5.3, 5.4	Forked light barrier, retainer	■	■	■	■	☐	■	■	■	■	☐	■	■	■	■	■	■	■	■
Software key																			
6.1	Speed key	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assembly rod																			
7.1	Rod to assemble the peel-off plate	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Product detection																			
8.1, 8.2	Product sensor, cable	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Masterencoder																			
9.1-9.4	Rotary encoder, cable, friction wheel, retainer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Cable																			
10.1-10.9	Power supply cable, signal cable, LAN cable, USB cable, power cable	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Interface																			
11.1	I/O box	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Circular connector																			
14.1, 14.2	Cable plug M12, cable jack M12	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Signal																			
15.1	Warning light	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
External operation panel																			
16.1	External operation panel	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wipe-down system																			
17.1	Wipe-down roller, one-sided	■	■	■	■	■	–	–	–	–	–	–	–	–	–	–	–	–	–
	Wipe-down roller, both-sided	–	–	–	–	–	■	■	■	■	■	■	■	■	■	■	☐	☐	☐
	Wipe-down brush	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assembly aid																			
18.1, 18.2	Fixing bar	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Deflection roller																			
19.1-19.3	Deflection roller	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Spacer																			
20.1	Spacer for motor-driven winder	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Orientation of assembly		vertical		horizontal		vertical		horizontal		vertical		horizontal		vertical	horizontal
Rewinder diameter	up to mm	210 290	310	210 290	310	210 290	310	210 290	310	210 290	310	210 290	310	310	310
Counterholder															
12.1	Counterholder	■	■	–	–	■	■	–	–	■	■	–	–	■	–
Cover plate															
13.1	Cover plate	–	■	–	■	–	■	–	■	–	■	–	■	■	■
Device retainer															
21.1	Device fixed	■	–	■	–	■	–	■	–	■	–	■	–	–	–
21.2	Device moveable	■	–	–	–	■	–	–	–	■	–	–	–	–	–
21.3	Device precisely adjustable	■	–	■	–	■	–	■	–	■	–	☐	–	–	–
Device retainer - special equipment															
21.4-21.6	Pivoted retainer, digital counter, extender	■	–	■	–	■	–	■	–	■	–	■	–	–	–
Stand															
22.1- 22.4	Column stand, floor stand	■	■	■	■	■	■	■	■	■	■	■	■	☐	☐
Stand - special equipment															
22.5-22.7	Angular gear, digital counter, adjusting disc	■	■	■	■	■	■	■	■	■	■	■	■	■	■

[1)] *starting quarter 3/2019*

Delivery program

Left-hand construction

Pos.		Part no.	Base units	
1.1		**6121131**	Base unit	124 L
1.2		**6121133**	Base unit	186 L
1.3		**6121135**	Base unit	248 L
1.4		**6121137**	Base unit	310 L
Pos.		**Part no.**	**Unwinders**	
2.1		**5983300**	Unwinder D310 H 124 L	
		5983302	Unwinder D310 H 186 L	
		5983304	Unwinder D310 H 248 L	
		6122000	Unwinder D310 VH 62 L	
		5983312	Unwinder D310 V 124 L	
		5983314	Unwinder D310 V 186 L	
		5983316	Unwinder D310 V 248 L	
2.2		**5983306**	Unwinder D410 H 124 L	
		5983308	Unwinder D410 H 186 L	
		5983310	Unwinder D410 H 248 L	
		6122002	Unwinder D410 VH 62 L	
		5983318	Unwinder D410 V 124 L	
		5983320	Unwinder D410 V 186 L	
		5983322	Unwinder D410 V 248 L	
Pos.		**Part no.**	**Unwinders motor-driven**	
2.3		**5983501**	Unwinder D410 H 124 L	motor-driven
		5983502	Unwinder D410 H 186 L	motor-driven
		5983503	Unwinder D410 H 248 L	motor-driven
		5983504	Unwinder D410 H 310 L	motor-driven
		5983505	Unwinder D410 V 124 L	motor-driven
		5983506	Unwinder D410 V 186 L	motor-driven
		5983507	Unwinder D410 V 248 L	motor-driven
		5983508	Unwinder D410 V 310 L	motor-driven
2.4		**5983509**	Unwinder D510 H 124 L	motor-driven
		5983510	Unwinder D510 H 186 L	motor-driven
		5983511	Unwinder D510 H 248 L	motor-driven
		5983512	Unwinder D510 V 124 L	motor-driven
		5983513	Unwinder D510 V 186 L	motor-driven
		5983514	Unwinder D510 V 248 L	motor-driven
Pos.		**Part no.**	**Unwinders with a double pendulum**	
2.5		**5983519**	Unwinder D410 H 124 L DP	motor-driven
		5983520	Unwinder D410 H 186 L DP	motor-driven
		5983521	Unwinder D410 H 248 L DP	motor-driven
		5983522	Unwinder D410 V 124 L DP	motor-driven
		5983523	Unwinder D410 V 186 L DP	motor-driven
		5983524	Unwinder D410 V 248 L DP	motor-driven
2.6		**5983525**	Unwinder D510 H 124 L DP	motor-driven
		5983526	Unwinder D510 H 186 L DP	motor-driven
		5983527	Unwinder D510 V 124 L DP	motor-driven
		5983528	Unwinder D510 V 186 L DP	motor-driven

Type code: base unit

Labeling head		**186**	**L**
Label web width	62 mm		
	124 mm		
	186 mm	←	
	248 mm		
	310 mm		
Label application	to the left L		←
	to the right R		

Right-hand construction

Pos.		Part no.	Base units	
1.1		**6121132**	Base unit	124 R
1.2		**6121134**	Base unit	186 R
1.3		**6121136**	Base unit	248 R
1.4		**6121138**	Base unit	310 R
Pos.		**Part no.**	**Unwinders**	
2.1		**5983301**	Unwinder D310 H 124 R	
		5983303	Unwinder D310 H 186 R	
		5983305	Unwinder D310 H 248 R	
		6122001	Unwinder D310 VH 62 R	
		5983313	Unwinder D310 V 124 R	
		5983315	Unwinder D310 V 186 R	
		5983317	Unwinder D310 V 248 R	
2.2		**5983307**	Unwinder D410 H 124 R	
		5983309	Unwinder D410 H 186 R	
		5983311	Unwinder D410 H 248 R	
		6122003	Unwinder D410 VH 62 R	
		5983319	Unwinder D410 V 124 R	
		5983321	Unwinder D410 V 186 R	
		5983323	Unwinder D410 V 248 R	
Pos.		**Part no.**	**Unwinders motor-driven**	
2.3		**5983540**	Unwinder D410 H 124 R	motor-driven
		5983541	Unwinder D410 H 186 R	motor-driven
		5983542	Unwinder D410 H 248 R	motor-driven
		5983543	Unwinder D410 H 310 R	motor-driven
		5983544	Unwinder D410 V 124 R	motor-driven
		5983545	Unwinder D410 V 186 R	motor-driven
		5983546	Unwinder D410 V 248 R	motor-driven
		5983547	Unwinder D410 V 310 R	motor-driven
2.4		**5983548**	Unwinder D510 H 124 R	motor-driven
		5983549	Unwinder D510 H 186 R	motor-driven
		5983550	Unwinder D510 H 248 R	motor-driven
		5983551	Unwinder D510 V 124 R	motor-driven
		5983552	Unwinder D510 V 186 R	motor-driven
		5983553	Unwinder D510 V 248 R	motor-driven
Pos.		**Part no.**	**Unwinders with a double pendulum**	
2.5		**5983558**	Unwinder D410 H 124 R DP	motor-driven
		5983559	Unwinder D410 H 186 R DP	motor-driven
		5983560	Unwinder D410 H 248 R DP	motor-driven
		5983561	Unwinder D410 V 124 R DP	motor-driven
		5983562	Unwinder D410 V 186 R DP	motor-driven
		5983563	Unwinder D410 V 248 R DP	motor-driven
2.6		**5983564**	Unwinder D510 H 124 R DP	motor-driven
		5983565	Unwinder D510 H 186 R DP	motor-driven
		5983566	Unwinder D510 V 124 R DP	motor-driven
		5983567	Unwinder D510 V 186 R DP	motor-driven

Type code: winders

Unwinder, rewinder		**D410**	**H**	**124**	**L**	**DP**
Outside diameter	up to 210 mm					
	290 mm					
	310 mm	←				
	410 mm					
	510 mm					
	610 mm					
Orientation of assembly	vertical V		←			
	horizontal H					
Label web width	62 mm					
	124 mm					
	186 mm	←				
	248 mm					
	310 mm					
Label application	to the left L				←	
	to the right R					
Pendulum	double	←				

Delivery program

Left-hand construction

Pos.		Part no.	Rewinders	
3.1		6122030	Rewinder D210	62 L
		5977688	Rewinder D210	124 L
		5983250	Rewinder D210	186 L
		5983252	Rewinder D210	248 L
3.2		6122032	Rewinder D290	62 L
		5983254	Rewinder D290	124 L
		5983256	Rewinder D290	186 L
		5983258	Rewinder D290	248 L
Pos.		**Part no.**	**Rewinders motor-driven**	
3.3		5983531	Rewinder D310	124 L motor-driven
		5983532	Rewinder D310	186 L motor-driven
		5983533	Rewinder D310	248 L motor-driven
		5983534	Rewinder D310	310 L motor-driven
3.4		5983535	Rewinder D410	124 L motor-driven
		5983536	Rewinder D410	186 L motor-driven
		5983537	Rewinder D410	248 L motor-driven
Pos.		**Part no.**	**Peel-off plates standard**	
4.1		6126000	Peel-off plate 100 mm	62 L
		6126001	Peel-off plate 100 mm	124 L
		6126002	Peel-off plate 100 mm	186 L
		6126003	Peel-off plate 100 mm	248 L
		6126004	Peel-off plate 100 mm	310 L
4.2		6126010	Peel-off plate 160 mm	62 L
		6126011	Peel-off plate 160 mm	124 L
		6126012	Peel-off plate 160 mm	186 L
		6126013	Peel-off plate 160 mm	248 L
		6126014	Peel-off plate 160 mm	310 L
4.3		6127475	Roller enabling smoother web run	62 L
		6127476	Roller enabling smoother web run	124 L
		6127477	Roller enabling smoother web run	186 L
		6127478	Roller enabling smoother web run	248 L
		6127479	Roller enabling smoother web run	310 L
Pos.		**Part no.**	**Peel-off plates adjustable 0° to +75°**	
4.4		6126020	Peel-off plate 100 mm	62 L adjustable
		6126021	Peel-off plate 100 mm	124 L adjustable
		6126022	Peel-off plate 100 mm	186 L adjustable
		6126023	Peel-off plate 100 mm	248 L adjustable
4.5		6126030	Peel-off plate 160 mm	62 L adjustable
		6126031	Peel-off plate 160 mm	124 L adjustable
		6126032	Peel-off plate 160 mm	186 L adjustable
		6126033	Peel-off plate 160 mm	248 L adjustable
Pos.		**Part no.**	**Peel-off plates pivoted 0° to -30°**	
4.6		6126060	Peel-off plate 100 mm	62 L pivoted
		6126061	Peel-off plate 100 mm	124 L pivoted
		6126062	Peel-off plate 100 mm	186 L pivoted
		6126063	Peel-off plate 100 mm	248 L pivoted
4.7		6126070	Peel-off plate 160 mm	62 L pivoted
		6126071	Peel-off plate 160 mm	124 L pivoted
		6126072	Peel-off plate 160 mm	186 L pivoted
		6126073	Peel-off plate 160 mm	248 L pivoted
4.8		5955735	Compressed air regulation unit L	
Pos.		**Part no.**	**Peel-off plates 75° with a wipe-down roller**	
4.9		6127800	Peel-off plate 75°	L x W: 50 x 42 mm
		6127801	Peel-off plate 75°	L x W: 50 x 62 mm
		6127802	Peel-off plate 75°	L x W: 50 x 82 mm
		6127803	Peel-off plate 75°	L x W: 100 x 82 mm
4.10		6120052	Installation profile for a plate 75°	124 L
		6120056	Installation profile for a plate 75°	186 L
		6120060	Installation profile for a plate 75°	248 L

Right-hand construction

Pos.		Part no.	Rewinders	
3.1		6122031	Rewinder D210	62 R
		5983230	Rewinder D210	124 R
		5983251	Rewinder D210	186 R
		5983253	Rewinder D210	248 R
3.2		6122033	Rewinder D290	62 R
		5983255	Rewinder D290	124 R
		5983257	Rewinder D290	186 R
		5983259	Rewinder D290	248 R
Pos.		**Part no.**	**Rewinders motor-driven**	
3.3		5983570	Rewinder D310	124 R motor-driven
		5983571	Rewinder D310	186 R motor-driven
		5983572	Rewinder D310	248 R motor-driven
		5983573	Rewinder D310	310 R motor-driven
3.4		5983574	Rewinder D410	124 R motor-driven
		5983575	Rewinder D410	186 R motor-driven
		5983576	Rewinder D410	248 R motor-driven
Pos.		**Part no.**	**Peel-off plates standard**	
4.1		6126005	Peel-off plate 100 mm	62 R
		6126006	Peel-off plate 100 mm	124 R
		6126007	Peel-off plate 100 mm	186 R
		6126008	Peel-off plate 100 mm	248 R
		6126009	Peel-off plate 100 mm	310 R
4.2		6126015	Peel-off plate 160 mm	62 R
		6126016	Peel-off plate 160 mm	124 R
		6126017	Peel-off plate 160 mm	186 R
		6126018	Peel-off plate 160 mm	248 R
		6126019	Peel-off plate 160 mm	310 R
4.3		6127480	Roller enabling smoother web run	62 R
		6127481	Roller enabling smoother web run	124 R
		6127482	Roller enabling smoother web run	186 R
		6127483	Roller enabling smoother web run	248 R
		6127484	Roller enabling smoother web run	310 R
Pos.		**Part no.**	**Peel-off plates adjustable 0° to +75°**	
4.4		6126025	Peel-off plate 100 mm	62 R adjustable
		6126026	Peel-off plate 100 mm	124 R adjustable
		6126027	Peel-off plate 100 mm	186 R adjustable
		6126028	Peel-off plate 100 mm	248 R adjustable
4.5		6126035	Peel-off plate 160 mm	62 R adjustable
		6126036	Peel-off plate 160 mm	124 R adjustable
		6126037	Peel-off plate 160 mm	186 R adjustable
		6126038	Peel-off plate 160 mm	248 R adjustable
Pos.		**Part no.**	**Peel-off plates pivoted 0° to -30°**	
4.6		6126065	Peel-off plate 100 mm	62 R pivoted
		6126066	Peel-off plate 100 mm	124 R pivoted
		6126067	Peel-off plate 100 mm	186 R pivoted
		6126068	Peel-off plate 100 mm	248 R pivoted
4.7		6126075	Peel-off plate 160 mm	62 R pivoted
		6126076	Peel-off plate 160 mm	124 R pivoted
		6126077	Peel-off plate 160 mm	186 R pivoted
		6126078	Peel-off plate 160 mm	248 R pivoted
4.8		5955736	Compressed air regulation unit R	
Pos.		**Part no.**	**Peel-off plates 75° with a wipe-down roller**	
4.9		6127800	Peel-off plate 75°	L x W: 50 x 42 mm
		6127801	Peel-off plate 75°	L x W: 50 x 62 mm
		6127802	Peel-off plate 75°	L x W: 50 x 82 mm
		6127803	Peel-off plate 75°	L x W: 100 x 82 mm
4.10		6120054	Installation profile for a plate 75°	124 R
		6120058	Installation profile for a plate 75°	186 R
		6120062	Installation profile for a plate 75°	248 R

Delivery program

Pos.		Part no.	Label margin detection
5.1		**5983588**	Label sensor CEON
5.2		**6127425**	Retainer bar label sensor CEON on peel-off plate Label web width 62 mm
		6127426	Retainer bar label sensor CEON on peel-off plate Label web width 124 mm
5.3		**5918670**	Forked light barrier
5.4		**5972608**	Retainer to assemble forked light barrier
Pos.		**Part no.**	**Software keys**
6.1		**5581001** **5581002** **5581003** **5581028** **5581004** **5581005** **5581006**	Speed key 12 m/min Speed key 25 m/min Speed key 50 m/min Speed key 75 m/min Speed key 100 m/min Speed key 150 m/min Speed key 200 m/min
Pos.		**Part no.**	**Rods to assemble a peel-off plate**
7.1		**5972443**	Assembly rod, diameter 16 mm Distance to the device 0 mm
		5972418	Assembly rod, diameter 16 mm Distance to the device 100 mm
		5972703	Assembly rod, diameter 16 mm Distance to the device 150 mm
		5972419	Assembly rod, diameter 16 mm Distance to the device 200 mm
		5972420	Assembly rod, diameter 16 mm Distance to the device 300 mm
		6120067	Assembly rod, diameter 16 mm Distance to the device 400 mm
		5972421	Assembly rod, diameter 16 mm Distance to the device 600 mm
			In case of labeling head structural widths 124 / 186 → 2x 248 / 310 → 3x
Pos.		**Part no.**	**Product detection**
8.1		**5918702**	Product sensor, light switch up to 200 mm
		5918703	Product sensor, light switch with transparent products up to 80 mm
8.2		**5918671**	Product sensor cable M12-M8, 4 pin, a-coded, length 2.5 m
Pos.		**Part no.**	**Masterencoder**
9.1		**5918718**	Rotary encoder with cable 2.5 m
9.2		**5918475**	Extender cable for rotary encoder M12, 5 pin, a-coded, length 2.5 m
		5918942	Extender cable for rotary encoder M12, 5 pin, a-coded, length 10 m
		**5918949**	Rotary extender cable M12, 5 pin, a-coded, length 5 m
9.3		**5918720**	Friction wheel for rotary encoder
9.4		**5918719**	Retainer for rotary encoder

Pos.		Part no.	Power supply cables
10.1		**5918758**	Power supply cable without SchuKo plug Length 2.5 m
		5918947	Power supply cable without SchuKo plug Length 5 m
		5918943	Power supply cable without SchuKo plug Length 10 m
10.2		**5918531**	Power supply cable with SchuKo plug Length 2.5 m
Pos.		**Part no.**	**Signal cables**
10.3		**5918421**	I/O interface extender cable M12, 17 pin, length 2.5 m
		5918941	I/O interface extender cable M12, 17 pin, length 10 m
		**5918948**	I/O interface cable M12, 17 pin, length 5 m
10.4		**5918940**	Signal cable applicator, I/O box, winder I/O M12, 12 pin, length 1 m
10.5		**5918477**	Signal cable applicator, I/O box, winder I/O M12, 12 pin, length 2.5 m
Pos.		**Part no.**	**LAN cables**
10.6		**5918665**	Ethernet cable M12, 4 pin d-coded to RJ45, length 2.5 m
		5918946	Ethernet cable M12, 4 pin d-coded to RJ45, length 5 m
		5918945	Ethernet cable M12, 4 pin d-coded to RJ45, length 10 m
Pos.		**Part no.**	**USB cables**
10.7		**5918955**	Cable to connect an external operation panel, M12, 12 pin to USB-B, length 5 m
10.8		**5918936**	USB adapter to connect a memory stick, cable M12, 12 pin to USB-A, length 0.2 m
Pos.		**Part no.**	**Power cables to connect winders or winders with the base unit**
10.9		**5918944**	Power cable, length 0.3 m
		5918879	Power cable, length 0.8 m
		5918426	Power cable, length 2.5 m
Pos.		**Part no.**	**Interfaces**
11.1		**6121010**	I/O box M12, 12 pin and 12 x M8, 3 pin to connect base unit
		**5551344**	I/O module M12, 12 pin to connect motor-driven winders
Pos.		**Part no.**	**Counterholders**
12.1		**5983324**	Counterholder 310 mm
		5983325	Counterholder 410 mm
		5983586	Counterholder 510 mm
Pos.		**Part no.**	**Cover plate**
13.1		**5983429**	Cover plate

Delivery program

Pos.		Part no.	Circular connectors
14.1		**5918479**	Cable plug M12, 5 pin, a-coded, male
		5918483	Cable plug M12, 12 pin, male
14.2		**5918480**	Cable jack M12, 5 pin, a-coded, female
		5918484	Cable jack M12, 12 pin, female
Pos.		**Part no.**	**Signal**
15.1		**5971223**	Warning light with cable length 2.5 m M12, 17 pin
Pos.		**Part no.**	**External operation panel**
16.1		**6121020**	External operation panel 4.3"
Pos.		**Part no.**	**Wipe-down systems**
17.1			Wipe-down rollers for peel-off plates standard and adjustable
		**6126150**	Wipe-down roller 62
		6126151	Wipe-down roller 124
		6126152	Wipe-down roller 186
		6126153	Wipe-down roller 248
			Wipe-down brushes for peel-off plates standard and adjustable
		**6126160**	Wipe-down brush 62
		6126161	Wipe-down brush 124
		6126162	Wipe-down brush 186
		6126163	Wipe-down brush 248
		6126164	Wipe-down brush 310
Pos.		**Part no.**	**Assembly aids**
18.1		**6120016**	Fixing bar compact to pick up motor-driven winders and base unit
18.2		**6120015**	Fixing bar universal to pick up motor-driven winders and base unit
Pos.		**Part no.**	**Deflection rollers**
19.1		**6127290**	Deflection roller 62 D30 AL
		6127291	Deflection roller 124 D30 AL
		6127292	Deflection roller 186 D30 AL
		6127293	Deflection roller 248 D30 AL
		6127294	Deflection roller 310 D30 AL
		6127295	Deflection roller 62 D38 AL
		6127296	Deflection roller 124 D38 AL
		6127297	Deflection roller 186 D38 AL
		6127298	Deflection roller 248 D38 AL
		6127299	Deflection roller 310 D38 AL
		6127311	Deflection roller 62 D60 AL
		6127312	Deflection roller 124 D60 AL
		6127313	Deflection roller 186 D60 AL
		6127314	Deflection roller 248 D60 AL
		6127315	Deflection roller 310 D60 AL
Pos.		**Part no.**	**Spacer**
20.1		**6120018**	Spacer for motor-driven winder

Pos.		Part no.	Device retainers
21.1		**5983401**	Device 124 fixed
		5983402	Device 186 fixed
		5983403	Device 248 fixed
		5983404	Device 310 fixed
		5983405	Device 124 fixed, pivoted
		5983406	Device 186 fixed, pivoted
		5983407	Device 248 fixed, pivoted
		5983408	Device 310 fixed, pivoted
21.2		**5983409**	Device 124 moveable
		5983410	Device 186 moveable
		5983411	Device 248 moveable
		5983412	Device 310 moveable
21.3		**5983413**	Device 124 precisely adjustable
		5983414	Device 186 precisely adjustable
		5983415	Device 248 precisely adjustable
		5983416	Device 310 precisely adjustable
Pos.		**Part no.**	**Device retainers - special equipment**
21.4		**5971614**	Pivoted retainer
21.5		**5983431**	Digital counter, vertical axis
		5983432	Digital counter, horizontal axis
21.6		**5983428**	Digital counter extender (for device retainers and stands)
Pos.		**Part no.**	**Stands**
22.1		**5983420**	Column stand diameter 30 mm, one axis, height 400 mm
		5983421	Column stand diameter 30 mm, one axis, height 600 mm
		5983422	Column stand diameter 30 mm, one axis, height 800 mm
22.2		**5983423**	Column stand diameter 30 mm, two axes, height 600 mm, width 400 mm
		5983424	Column stand diameter 30 mm, two axes, height 600 mm, width 600 mm
22.3		**5983425**	Floor stand 1632 vertical column stand included diameter 30 mm, height 800 mm
22.4		**5983426**	Floor stand 1231 horizontal column stand included diameter 30 mm, height 600 mm
Pos.		**Part no.**	**Stands - special equipment**
22.5		**5983427**	Angular gear
22.6		**5983417**	Digital counter, vertical axis
		5983418	Digital counter, horizontal axis
22.7		**5972532**	Adjusting disc

cab product overview

Label printers MACH1, MACH2
in the lower price segment

Label printers MACH 4S
where little space is available

Label printers EOS2
Desktop device for label rolls
up to diameter 152 mm

Label printers EOS5
Desktop device for label rolls
up to diameter 203 mm

Label printers SQUIX 2
Industrial device for print widths
up to 57 mm

Label printers SQUIX 4
Industrial device for print widths
up to 108 mm

Label printers SQUIX 6.3
Industrial device for print widths
up to 168 mm

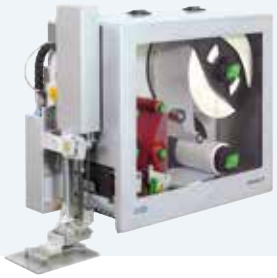
Label printers A8+
Industrial device for print widths
up to 216 mm

Label printers XD4T
for double-sided printing

Label printers XC
for two-color printing

Print and apply systems HERMES Q
for automation

Print and apply systems Hermes C
for two-color printing and applying



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