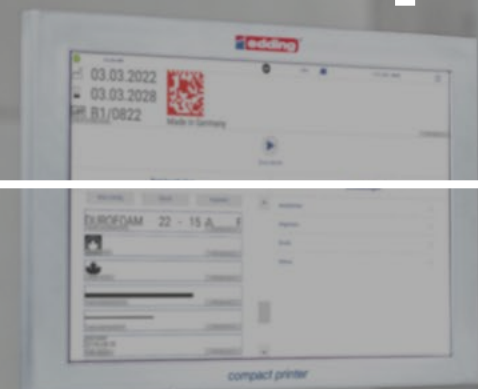


# edding + elried

## compact printer





# So compact and yet full of innovation:

## *The new edding compact printers*

The edding compact printer series revolutionises industrial coding. Never before such a wide variety of innovations has been packed into such a compact housing. Clunky, expensive-to-maintain, and error-prone printing systems are now a thing of the past. With the integrated communication capabilities, it is ensured that the correct

coding is automatically applied to the appropriate product, eliminating errors or non-codings. At the same time, the systems are extremely user-friendly and can be installed and put into operation without prior technical knowledge. Reliability and user-friendliness in one, developed and manufactured in Germany.

- Made in Germany - developed and manufactured in Germany
- High reliability - guaranteed by a 24-month warranty
- User-friendly - easy operation directly on the device or via app/web browser
- Greater cost control - transparent costs per print without hidden maintenance costs
- Remote support solution - hassle-free support from distance
- Sustainable - thanks to minimal solvent requirement and durability



# Which printing system suits my needs?



## in-line

Print height in mm

12 25

The new standard for industrial production

4,3"

Color-LCD Touchscreen

78

Prints per second

600 dpi

Print resolution

123 x 77 x 83 mm

Measurements

All details on the in-line **from page 4**

## in-line IP67

Print height in mm

12

The solution for dusty or damp environments

IP67

protected

1,8"

Color-LCD Touchscreen

78

Prints per second

600 dpi

Print resolution

215 x 98 x 160 mm

Measurements

All details on the in-line IP67 **from page 10**

## in-line

Print height in mm

12 25 50

The system for... especially large packages

10"

Color-LCD Touchscreen

78

Prints per second

600 dpi

Print resolution

237 x 53 x 67 mm

Measurements

All details on the in-line **from page 10**



## Pro

Print height in mm

50 75 100

For complex or  
special print requirements

10,2"  
Color-LCD Touchscreen

78  
Prints per second

600 dpi  
Print resolution

170 x 145 x 60 mm (1" printhead)  
Measurements

All details on the Pro from page 16

## in-line Pro IP67

Print height in mm

12 25 50 75 100

Our most powerful printer for all  
applications -  
IP67-protected

IP67  
protected

10,2"  
Color-LCD Touchscreen

78  
Prints per second

600 dpi  
Print resolution

170 x 145 x 60 mm (1" printhead)  
Measurements

All details on the in-line Pro IP67 from page 22

## portable

Print height in mm

12 25 50

The new standard for mobile ap-  
plications away from the produc-  
tion line

up to 12 hours  
Battery capacity

4,3"  
Color-LCD Touchscreen

600 dpi  
Print resolution

297 x 152 x 104 mm  
Measurements

All details on the portable from page 28



# Combining our best ideas: **edding in-line**



# High-end in every detail

## **edding in-line 12 / 25**

The edding in-line compact printer impresses with its outstanding reliability, which is guaranteed by the robust aluminum housing and the high-quality production and development in Germany. The printer is easy to install and operate - without the need for technical support or special training.

In addition, the device is characterised by its advanced communication capabilities, which enable effortless and efficient integration into existing IT systems.

The availability of the printers with print heights of 12 mm or 25 mm offers versatile application possibilities.

Another key benefit of this printer is that it is completely maintenance-free, ensuring a consistently high level of production reliability, which is of great value to companies in various industries. This combination of reliability, ease of use and technical innovation makes the edding in-line compact printer an essential addition to any modern production environment.





## Special features of the in-line:

- Installation and start-up in minutes: compact design and animated user guide
- Ethernet and Wifi-capable for connection to ERP systems
- Serialised printing
- Support for all relevant barcodes, including EAN, QR, Datamatrix and GS1
- Large selection of digital and analogue inputs and outputs incl. digital Multi-I/O
- Robust industrial design with high-quality Yamaichi accessory connections
- Extremely durable and high-quality aluminum housing
- Large selection of special inks

# All-in-One Set

*with all necessary accessories*



## Scope of delivery

- Printing system edding in-line with 0.5" (12 mm) or 1.0 "(25 mm) print height
- Complete mounting material: stainless steel rods in lengths 20, 25 and 35 cm, two cross clamps, one base clamp, one printer clamp, hex wrench and screws
- Wireless keyboard
- USB stick
- edding 8850 carpenter pen
- Power supply unit 110 – 240V and grounding cable

Article number: LO-G-I-12-1 / LO-G-I-25-1

Scan & Discover



# Specifications

## *edding in-line*

<b>Printing process</b>	High-res TIJ (Thermal Inkjet) printing technology up to 600 dpi
<b>Print height</b>	Up to 20 lines, between 1.0 mm and 12.7 mm (0.5"), respectively 25 mm (1.0")
<b>Print speed</b>	240 m (787 feet) per minute maximum print speed Up to 78 prints per second
<b>Print distance</b>	Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink
<b>Print surfaces</b>	Extensive ink portfolio for almost any materials and surfaces in multiple colours
<b>Print options</b>	Text, logos, date/time, counter, batch/box number, 1D and 2D barcodes
<b>Memory capacity</b>	Internal memory for over 100 000 texts and logos
<b>Connectivity</b>	RJ 45 Ethernet connection incl. DHCP Communication interfaces via MQTT, OPC UA, http request and TCP-Server Web server for access from every workstation Prebuilt program code for Siemens PLC control App for iOS and Android
<b>User interface</b>	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
<b>Input devices</b>	On-screen keyboard, wireless keyboard, any tablet, smartphone or PC, designated app iOS/Android
<b>Display</b>	Capacitive 4.3" colour LCD touchscreen with LED technology
<b>6 LED displays</b>	On/Off, print, low ink level, alarm, print direction right/left
<b>Input / Output</b>	Specific industry connection for encoder, alarm, relay and photoelectric cells 1 and 2 Two inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc. Two high-speed USB 2.0 inputs
<b>Language selection</b>	Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Arabic, Chinese, Polish, Russian
<b>Housing / Structure</b>	Very robust and impact-resistant aluminum housing Stainless steel deflector on the front of the printer for food environments Fully integrated 4-in-1 design (control unit, screen, print head and ink cartridge) Stand-alone unit, can be used with or without PC
<b>Power supply</b>	AC 100-240 V, 50/60 Hz, 2.5 A, automatic switching
<b>Dimensions (L/W/H)</b>	123x 77 x 83 mm
<b>Weight</b>	0.8 kg – without ink cartridge
<b>Operating environment</b>	5-40 °C (41-104 °F) at 10-90% humidity (non-condensing)
<b>Quality</b>	Made in Germany



Where ideas and needs  
converge:  
**edding in-line IP67**



# Taking a stand against the harshest industrial environments: **edding in-line IP67**

The edding in-line IP67 system is resistant to dust and moisture. It is designed for high pressure cleaning and can be submerged up to 1 meter under water. Its remarkable durability makes it the ultimate solution for environments with strict cleaning requirements or high levels of moisture and dust.

The comprehensive edding ink portfolio ensures consistent, high-quality printing on a wide range of surfaces. In addition, special food-certified inks are

available to meet the stringent requirements of food industry. The system is available with a print height of 12 mm.

The edding in-line IP67 system effortlessly combines reliability, innovative simplicity and advanced connectivity. It increases production efficiency, facilitates precise marking, brings you into the age of Industry 4.0 and thus becomes an indispensable component.





## Special features of the in-line IP67:

- Complete functionality of an in-line compact printer
- Waterproof up to 1 meter immersion depth, also for high-pressure cleaning
- Completely dustproof
- Tested according to industry standard IP67
- Support for all relevant barcodes, including EAN, QR, Datamatrix and GS1
- Integrated Wifi and waterproof network connection
- Large selection of special inks

# All-in-One Set

*with all necessary accessories*



## Scope of delivery

- Printing system edding in-line IP67 with 12 mm print height
- Complete mounting material: stainless steel rods in lengths 20, 25 and 35 cm, two cross clamps, one base clamp, one printer clamp, hex wrench and screws
- Relay cable
- USB stick
- edding 8850 carpenter pen
- Power supply unit 110 – 240V IP67

Article number LO-G-I-IP-1

Scan & Discover







# The masterpiece: **edding in-line Pro**



# The ultimate Next-Gen Printing Solution: **edding in-line Pro**

The edding in-line Pro is characterised by performance and versatility. Its exceptional print height of up to 100 mm enables it to handle complex and extensive printing projects with ease.

The in-line Pro also boasts an impressive print speed of up to 78 prints per second. This feature makes it the ideal choice for high-speed production environments where time is of the essence.

The controller with its convenient 10.2" touchscreen can control up to 4 print heads, which can be used individually or as a 2-head or 4-head configuration. The compact print heads are available in 12 mm or

25 mm variants, allowing print heights ranging from 12 mm to 100 mm depending on the configuration.

Its adaptability is also reflected in the installation options, which offer flexibility with cable lengths of up to 100 m and ensure easy setup even in difficult environments.

In addition, the extensive interfaces enable seamless integration into existing machines and IT systems, making the implementation of Industry 4.0 reality.





## Special features of the in-line Pro:

- Operation via high-resolution 10.2" touchscreen or external access via PC, smartphone, tablet
- Support up to four individual print heads with 12 mm or 25 mm print height
- Use of print heads individually as 2 heads or 4 heads
- Connection of print heads and accessories through robust industrial connectors
- Robust construction made of aluminum and stainless steel
- Excellent printing with up to 100 mm height
- Sustainable replacement of expensive labels thanks to variable print height
- Cartridge locking mechanism "IronLock" for optimal cartridge positioning even under strong vibrations

# All-in-One Set

*with all necessary accessories*



## Scope of delivery

- Printing system edding in-line Pro: Control unit
- Complete mounting material: stainless steel rods in lengths 20 and 25 cm, one cross clamp, one base clamp, one joint clamping piece, hex wrench and screws
- USB stick
- edding 8850 carpenter pen
- Power supply 110–240 V
- Per printhead: 12 mm or 25 mm print height
- Complete mounting material: stainless steel rods in lengths 20, 25 and 35 cm, two cross clamps, one base clamp, one printer clamp, hex wrench and screws
- Power supply 110–240 V and grounding cable

Scan & Discover



Article number LO-G-ILP-CU (Control unit) / LO-G-ILP-DK\* (Printhead)

# Specifications

## *edding in-line Pro*

<b>Printing process</b>	High-Res TIJ (Thermal Inkjet) printing technology up to 600 dpi
<b>Print height</b>	Full-surface printing with up to 100 mm print height (with full extension of 4 heads)
<b>Print speed</b>	240 m (787 feet) per minute maximum print speed Up to 78 prints per second
<b>Print distance</b>	Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink
<b>Print surfaces</b>	Extensive ink portfolio for almost any materials and surfaces in multiple colors
<b>Print options</b>	Text, logos, date/time, counter, batch/box number, 1D and 2D barcodes
<b>Memory capacity</b>	Internal memory for over 100 000 texts and logos
<b>Connectivity</b>	Ethernet connection RJ 45 incl. DHCP Communication interfaces via MQTT, OPC UA, http request and TCP-Server Web server for access from every workstation Module for serialized printing Prebuilt program code for Siemens PLC control App for iOS and Android
<b>User interface</b>	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
<b>Input devices</b>	On-screen keyboard, wireless keyboard, any tablet, smartphone or PC, designated app iOS/Android
<b>Display</b>	Capacitive 10,2" colour LCD touchscreen with LED technology
<b>Input / Output</b>	Four connectors for print head, specific industry connectors for encoder, alarm, relay and photoelectric cells 1 & 2 Two inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc. Two high-speed USB 2.0 inputs
<b>Language selection</b>	Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Arabic, Chinese, Polish, Russian
<b>Housing / Structure</b>	Very robust and impact-resistant aluminum housing Stainless steel deflector on the front of the printer for food environments Print head and control unit separated (up to 4 heads per control unit) Stand-alone unit, can be used with or without PC
<b>Power supply</b>	AC 100-240 V, 50/60 Hz, 5.0 A, automatic switching
<b>Dimensions (L/W/H)</b>	166 x 250 x 55 mm (control unit), 237 x 53 x 67 mm (1"-print head)
<b>Weight</b>	1,3 kg (control unit), 0,4 kg (1"-print head) - without ink cartridge
<b>Operating environment</b>	5-40 °C (41-104 °F) at 10-90% humidity (non-condensing)
<b>Quality</b>	Made in Germany



# The next generation: **edding in-line Pro IP67**



# Built for Performance. Protected for Life: **edding in-line Pro IP67**

The edding in-line Pro IP67 defines the new standard for industrial coding: high-resolution printing in 600 dpi on up to 4 production lines with a print height of up to 100 mm, with extensive software interfaces for integration into existing systems and the first real IP67 protection. Thanks to the latter, these systems can remain on the machine even during high-pressure cleaning.

The control unit with its 10.2-inch touchscreen controls up to four print heads (12 mm or 25 mm each) and enables flexible installation even in difficult envi-

ronments thanks to cable lengths of up to 100 m. Extensive software interfaces ensure seamless integration into machines and IT systems.

Combined with the unique edding inks for unprecedented performance data in industrial printing and the proven Elried reliability Made in Germany, the edding in-line Pro IP67 defines a new class of industrial marking.

A system that is equipped for all current and future requirements.





## Special features of the in-line Pro IP67:

- Print heads with IP67 protection against dust and water (immersion depth 1 meter)
- Maximum print height of up to 100 mm (depending on type and number of print heads)
- Support for up to four individual print heads with 12 mm or 25 mm print height
- Use of the print heads individually or as a 2, 3 or 4 heads
- Operation via high-resolution 10.2" touchscreen or external access via PC, smartphone, tablet
- Comprehensive options for software and machine integration
- Robust construction made of aluminum and stainless steel
- Sustainable replacement of expensive labels thanks to variable print height

# All-in-One Set

*with all necessary accessories*



## Scope of delivery

### in-line Pro Control unit

- Complete mounting material: stainless steel rods in length of 20 and 25 cm, one cross clamp, one base clamp, one joint clamping piece, hex wrench and screws
- USB stick
- edding 8850 carpenter pen
- Power supply 110–240 V

### in-line Pro IP67 Print heads

- 12 mm or 25 mm print heads
- Complete mounting material: stainless steel rods in length of 20, 25 and 35cm, two cross clamps, one base clamp, one printer clamp, hex wrench and screws
- Power supply 110–240 V and grounding cable

Scan & Discover



Article number LO-G-ILP-CU (Control unit) / LO-G-ILP-IP-DK\* (Printhead)

# Specifications

## *edding in-line Pro IP67*

<b>Printing process</b>	High-res TIJ (Thermal Inkjet) printing technology with 600 dpi IP67 protection class: Fully dust and waterproof (equivalent to up to 1 m immersion depth)
<b>Print height</b>	Full-surface printing with up to 100 mm print height (when full extension of 4 print heads in 25.4 mm)
<b>Print speed</b>	240 m per minute maximum print speed Up to 78 prints per second
<b>Print distance</b>	Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink
<b>Print surfaces</b>	Extensive ink portfolio for almost any materials and surfaces in multiple colors
<b>Print options</b>	Text, logos, date/time, counter, lot/box number, 1D and 2D barcodes
<b>Memory capacity</b>	Internal memory for over 1.000.000 texts and logos
<b>Connectivity</b>	Ethernet connection RJ 45 incl. DHCP Communication interfaces via MQTT, OPC UA, http request and TCP-Server Web server for access from any workstation Prebuilt program code for Siemens PLC control ZPL connection for Nicelabel, Bartender, Codesoft, CoLOS and IKEA Label App for iOS and Android
<b>User interface</b>	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
<b>Input devices</b>	On-screen keyboard, wireless keyboard, any tablet, smartphone or PC, App
<b>Display</b>	Capacitive 10,2" colour LCD touchscreen with LED technology
<b>Input / Output</b>	Four connectors for print head, specific industry connectors for encoder, alarm, relay and photo-electric cells 1 & 2 Two inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc. Two high-speed USB 2.0 inputs
<b>Language selection</b>	Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified Chinese, Arabic, Polish, Russian
<b>Housing / Structure</b>	Particularly robust and impact-resistant housing Stainless steel deflector on the front of the printer for food environments Print head and control unit separated (up to 4 print heads per control unit) Stand-alone unit, can be used without PC
<b>Power supply</b>	AC 100-240 V, 50/60 Hz, 5.0 A, automatic switching
<b>Dimensions (L/W/H)</b>	166 x 250 x 55 mm (control unit), 170 x 145 x 60 mm (1"-print head)
<b>Weight</b>	1.3 kg (control unit), 0.4 kg (1"-print head) - without ink cartridge
<b>Operating environment</b>	5 - 40 °C (41 - 104 °F) at 10 - 90 % humidity (non-condensing)
<b>Quality</b>	Made in Germany



# Flexible coding, like never before: **edding portable**



# The smartest mobile printer of all time: **edding portable 12 / 25 / 50**

The edding portable makes it possible to redefine internal production and logistics processes. Equipped with the immense functionalities of the in-line printer, supplemented by a positioning laser and an industrial rechargeable battery, it offers the perfect solution for applications away from production line in the form of a mobile printer.

With the portable, barcodes, data matrix codes, texts and logos can be applied anywhere in high-resolution quality. Depending on the system, these can be printed in 12 mm, 25 mm or 50 mm. The cartridge system enables color changes within a few seconds, while the original Metabo LiHD battery with 4 Ah can operate the printer non-stop for up to 12 hours.

With the communication technology, it is possible to import the data for coding from any existing data source within the company or simply use a barcode scanner to generate the print text.





## Special features of the portable:

- Ergonomic design for continuous work
- 4 Ah Metabo LIHD industrial battery allows up to 12 hours of operating time
- Alternatively, can also be used with 10 Ah high-performance battery for 30 hours of non-stop operation
- Metabo battery can be used with any other Metabo and CAS power tool
- Integrated positioning laser ensures coding in the right place
- Robust, stackable transport case
- Unique range of inks for almost every material and every surface

# Complete Set

*in carry case*



## Scope of delivery

- Printing system edding portable with 12 mm, 25 mm or 50 mm printing height
- Stackable carry case
- Wireless keyboard
- USB stick
- Metabo LiHD battery 4.0 Ah
- Metabo battery quick charger

Article number LO-G-PO-12-1 / LO-G-PO-25-1 / LO-G-PO-50-1

Scan & Discover



# Specifications

## *edding portable*





<b>Printing process</b>	High-res TIJ (Thermal Inkjet) printing technology up to 600 dpi
<b>Print height</b>	Up to 40 lines, between 1.0 mm and 12.7 mm (0.5"), 25 mm (1.0"), respectively 50 mm (2.0")
<b>Print surfaces</b>	Extensive ink portfolio for almost any materials and surfaces in multiple colors
<b>Print options</b>	Text, logos, date/time, counter, batch/box number, 1D and 2D barcodes
<b>Memory capacity</b>	Internal memory for over 100 000 texts and logos
<b>Connectivity</b>	Ethernet connection RJ 45 incl. DHCP Communication interfaces via MQTT, OPC UA, http request and TCP-Server Web server for access from every workstation Prebuilt program code for Siemens PLC control App for iOS and Android
<b>User interface</b>	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
<b>Input devices</b>	On-screen keyboard, wireless keyboard, any tablet, smartphone or PC, designated app iOS/Android
<b>Display</b>	Capacitive 4.3" colour LCD touchscreen with LED technology
<b>6 LED displays</b>	On/Off, print, low ink level, alarm, print direction right/left
<b>Input / Output</b>	Two high-speed USB 2.0 input
<b>Language selection</b>	Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Arabic, Chinese, Polish, Russian
<b>Housing / Structure</b>	Very robust and impact-resistant aluminum housing Stainless steel deflector on the front of the printer for food environments Fully integrated 4-in-1 design (control unit, screen, print head and ink cartridge) Stand-alone unit, can be used with or without PC
<b>Battery</b>	Metabo LIHD premium industrial battery 4 Ah Charger AC 100-240 V, 50/60 Hz, 3 A, beeper Battery life: 12 hours , battery charging time: 35 minutes Can be used for other Metabo power tools
<b>Dimensions (L/W/H)</b>	257 x 152 x 104 mm (portable 12 & 25), 308 x 152 x 126 mm (portable 50)
<b>Weight</b>	1.2 kg (portable 12 & 25), 1,0 kg (portable 50) without battery and ink cartridge
<b>Operating environment</b>	5-40 °C (41-104 °F) at 10-90 % humidity (non-condensing)
<b>Quality</b>	Made in Germany

# The largest ink assortment

*for industrial applications:*

## Inks for porous surfaces

such as cardboard, wood, paper, fabric etc.








-  SP black
-  SP red
-  SP blue
-  SP green

### Art. No.

LO-T-12-SP-01	LO-T-25-SP-01
LO-T-12-SP-02	LO-T-25-SP-02
LO-T-12-SP-03	LO-T-25-SP-03
LO-T-12-SP-04	

## Inks for non porous surfaces

such as metal, plastic, glass etc.

-  NP black      Universal ink for all surfaces
-  NPX black      faster drying and particularly strong adhesion
-  NPX black PVC      special formulation for printing on PVC
-  NPXP black      over 72 h decap time
-  NP red
-  NP blue
-  NP green

### Art. No.

LO-T-12-NP-01	LO-T-25-NP-01
LO-T-12-NPX-01	
	LO-T-25-NPX-01
LO-T-12-NPXP-01	
LO-T-12-NP-02	LO-T-25-NP-02
LO-T-12-NP-03	LO-T-25-NP-03
LO-T-12-NP-04	LO-T-25-NP-04

## Pigmented inks for dark surfaces

such as metal, plastic, glass etc.





-  NPX yellow
-  NPX white
-  NPX light blue      extremely UV resistant

### Art. No.

LO-T-12-NPX-05	
LO-T-12-NPX-21	LO-T-25-NPX-21
LO-T-12-NPX-10	

## Special inks

for special applications

-  NPX UV readable      transparent safety ink, only visible under UV light
-  SPX Food-grade brown      edible ink, contains no hazardous substances
-  NPX black UV-Dry      solvent resistant, instant dry, requires UV lamp
-  NPX white UV-Dry      solvent resistant, instant dry, requires UV lamp

### Art. No.

LO-T-12-NPX-UV-00
LO-T-12-SPX-FG-01
LO-T-12-NPXU-01
LO-T-12-NPXU-21

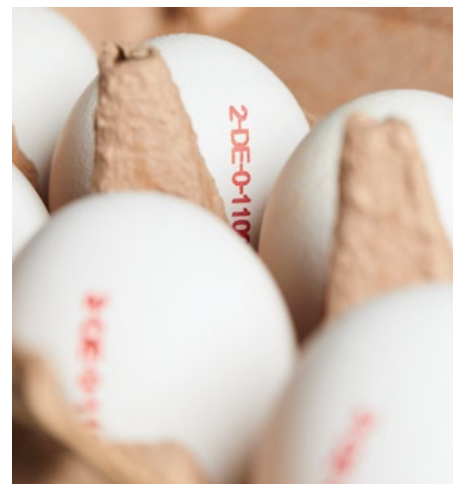
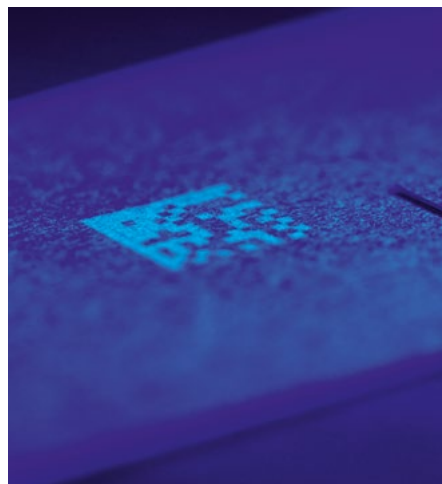
## SP inks for porous surfaces



## NP inks for non porous surfaces



## Special inks





# Service

*you can rely on*

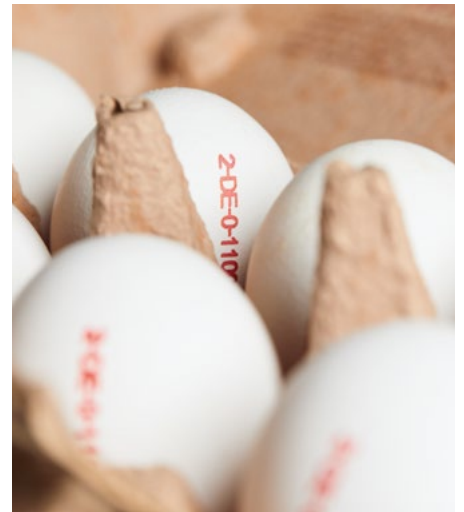
For every production environment operational safety and reliability on the systems are the most important parameters to ensure efficient operation. For this reason, edding compact printers are high quality industrial printers where reliability is paramount. In the unlikely event of a problem,

you can always fall back on our remote support. Within the warranty period and also for repairs, we provide you with a loaner device at no additional cost. This ensures a smooth production process at all times.



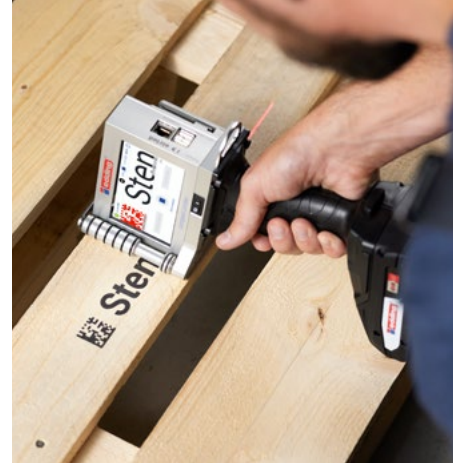
Area of application

# Food and beverage industry



Area of application

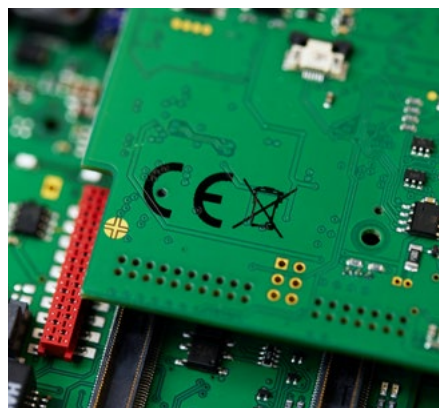
## Logistics and transport



## Life Sciences and chemicals



## Automotive and industry



# Your Print Samples

Scan & Discover



**Elried Markierungssysteme GmbH**

Grünwalder Weg 28e  
82041 Oberhaching  
Deutschland

Phone: +49 . 89 . 61 37 64 0

E-Mail: [info@elried.de](mailto:info@elried.de)

