



Combining next-generation innovation with compact design, reliability and ease-of use.

Introducing the in-line 12 and the portable 12: edding's exciting range of compact printers



Innovative solutions for all your marking

The new edding compact printers

The edding in-line 12 and portable 12 compact printers revolutionise industrial marking. Their smart, compact design houses advanced, intuitive functionality and unparalleled connectivity. Print information can be changed quickly and easily via the integrated touchscreen, web browser or even smartphone.

Designed and manufactured in Germany using the highest quality components, they deliver outstanding reliability. The simple, easy-to-use design means that any user can set up and operate the printers, without needing a technician.



- Simple, intuitive handling
- Superb reliability
- Advanced communication abilities





edding® in-line 12

The edding in-line 12 fits seamlessly into any production line. Via its numerous inputs and outputs, the printer can be fully integrated into the network, able to communicate with upstream and downstream machines. Thanks to edding's ink expertise, the in-line 12 is able to print on almost any surface.

Designed with ease of use in mind, installation and operation couldn't be simpler. The in-line 12 also delivers superior reliability due to its robust aluminium casing and high quality, German design and manufacture.

More details on the edding in-line 12 **from page 6**

edding® portable 12

The edding portable 12 is the same advanced printing solution as the in-line 12; cleverly transformed into a mobile printer. It adds a positioning laser, industrial battery and robust Tanos transport case to create the perfect solution for industrial marking away from the production line. The portable 12 is able to print 600 dpi high-resolution texts, barcodes and

graphics on almost any material. The cartridge system allows for a colour change within seconds, while the Metabo LIHD battery enables you to print non-stop for up to six hours.

More information on the edding portable 12 **from page 14**



Combining our best ideas: **The edding in-line 12**



The next-generation printer solution for industrial marking: **The edding in-line 12**

Developed with our technology partner Elried, the edding in-line 12 printer stands apart from other industrial printers. Its intuitive handling and animated user guides make it easy for any user to install and begin operating it in just a few minutes, without requiring a technician or any training. The in-line 12 comes in an all-in-one box, with all the accessories needed to get you printing straight away.

The in-line 12 boasts unprecedented communication capabilities for an industrial printer, fully

integrating into your network. Made in Germany, the high quality, reliable engineering also means you can be assured of maximum up time. Finally, with edding's wide range of inks you can print on almost any material; including cardboard, plastic, glass and metal.

The in-line 12 combines reliability, innovative ease-of-use and advanced connectivity. It boosts production efficiency, delivers precision marking and brings you firmly into the Industry 4.0 era.



Benefits of the in-line 12:

- Installation and start-up in minutes: compact design and animated user guide
- Input via precise touchscreen, wireless keyboard, mobile devices or PC
- Ethernet incl. SNMT for connection to ERP systems
- Automatic cartridge reorder service
- High-resolution 600 dpi print for flawless print results
- Selection of different ink types as well as colours for almost every material / surface
- Environmentally friendly thanks to minimum solvent requirement
- Greater cost control: real costs per print, no maintenance costs
- 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 aluminium housing
- High reliability supported by 24-month warranty (excl. consumables)
- Developed with the German technology partner Elried
- Made in Germany

Plug-and-play set

with all necessary accessories



Scope of delivery

- edding in-line 12 print system
- All attachment materials: stainless steel rods in lengths 20, 25 & 35 cm,
- Two cross clamps and a base clamp for attachment to the production line
- Wireless keyboard
- edding 8850 hole marker
- Power supply unit 110 – 240V and grounding cable
- Hex wrench and screws

Article number 4-9000

Inks

The right ink cartridge for every specific application: **see page 20**



Specifications

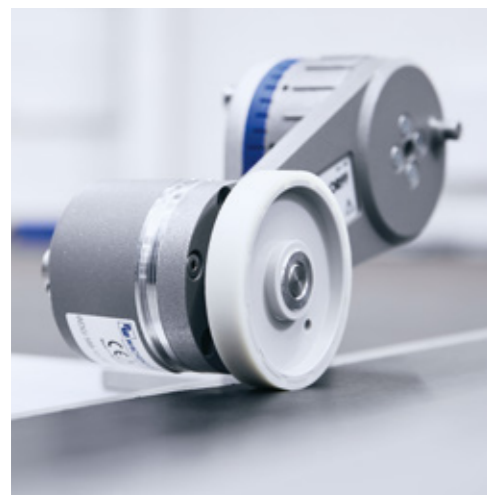
edding in-line 12

Printing process	High-res TIJ print technology with 600 dpi Print distance to surface of up to 8 mm
Print height	Up to 5 lines, between 1.8 mm and 12.7 mm (0.5")
Print speed	76 m (197 feet) per minute with horizontal resolution of 300 DPI Higher speeds with lower resolutions
Print surfaces:	Extensive ink portfolio for almost all materials and surfaces in several colours
Print options	Alphanumeric characters and logos, date/time, counter, batch/box number, 1D and 2D barcodes
Memory capacity	Internal memory for over 100,000 texts and logos
Connectivity	Ethernet connection RJ 45 incl. DHCP SNMP protocol, other protocols for database connections Web server for access from every workstation On request automatic reorder of new cartridges by the printer
User interface	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
Input devices	Wireless compact keyboard (included in scope of delivery) Any tablet, smartphone or PC
Display	Capacitive 4.3" colour LCD touchscreen with LED technology
6 LED displays	ON/OFF, print, low ink level, alarm, print direction right/left
Input / Output	Specific industry connection for encoder, alarm, relay and photoelectric cells 1 & 2 Photoelectric cell 2 input can be used as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc. 2 USB high-speed 2.0 inputs
Language selection	German, English, Spanish, Russian, Turkish
Housing / Structure	Very robust and impact-resistant aluminium housing Stainless steel deflector on the front of the printer for food environments 4-in-1 sandwich design (controller, screen, button and ink cartridge) Independent unit, can be used without PC
Power supply	AC 100-240 V, 50/60 Hz, 1.6 A, automatic changeover
Dimensions (L/W/H)	123.5 x 77.2 x 83.0 mm
Weight	0.6 kg – without ink cartridge and holder
Operating environment	5-40 °C (41-104 °F) at 10-90% humidity (non-condensing)
Quality	Made in Germany

In case of specific needs please contact printers@edding.tech

Accessories for in-line 12

not included in scope of delivery



Encoder

- For optimal print results with alternating belt speeds
- Detects the current belt speed and adapts the print live
- Seamless printing also at standstill and restart of belt
- Incl. spring arm for attachment
- High-quality premium product, Made in Germany

Article number 4-9530



Photoelectric cell

- Also achieves optimal print resolution with very small products or unusual shapes
- Extremely precise product coverage for optimal location of print
- With background suppression
- Incl. mounting bracket
- High-quality, German-made product

Article number 4-9500



Alarm light

- Optical signalling of operating status in 3 colours: Red (error), Yellow (warning), Green (printing OK)
- Modern LED technology
- Incl. mounting bracket
- High-quality WERMA product

Article number 4-9560

Support

you can rely on

In every production environment, the safety and reliability of systems are the most important factors in operational efficiency. That's why we have made reliability a priority in the design and manufacture of our high-quality compact printers.

If a problem with the printer was to occur, the warranty ensures a speedy solution. A temporary replacement will typically be delivered to you the next day, while repairs are carried out for free.





Marking for the Industry 4.0 era: **The edding portable 12**



The smartest mobile printer: The edding portable 12

The portable 12 is the perfect solution for marking away from the production line. With Elried, our German technology partner, we have taken the next generation technology of the in-line 12 and cleverly adapted it to create a compact, mobile printer. This uniquely flexible printer delivers outstanding print results in whatever location you need to mark – whether that’s in a warehouse or out on a building site. Barcodes, data matrix codes, texts and logos are printed in crisp, high-resolution 600 dpi quality, while the positioning laser ensures accuracy. edding’s broad range of ink types means you can print on almost any material.

The portable 12’s innovative communication technology makes it possible to detect the coding data from any data source within the Company, or you can simply use a barcode scanner to generate the print text. The printer’s superb reliability ensures maximum up time as no technician or maintenance is required. No maintenance costs also mean you achieve true cost-per print. The 4Ah Metabo battery that comes with the portable 12 will keep you printing for up to 6 hours. The printer can also be used with an 8Ah battery to achieve 12 hours non-stop working.



Benefits of the portable 12:

- All-in-one, stackable robust Tanos carry case
- Incl. 4Ah Metabo LIHD industrial battery: Allows up to 6 hours of operating time
- Metabo battery can also be used with all other Metabo power tools
- Alternatively, can also be used with 8Ah high-performance battery for 12 hours of non-stop operation
- Integrated positioning laser ensures marking in the right place
- Ergonomic design for continuous work
- Flexible and independent printer at every workstation
- Input via precise touchscreen, wireless keyboard, mobile devices or PC
- Ethernet incl. SNMT for connection to ERP systems
- Automatic cartridge reorder service
- High-resolution 600 dpi print for flawless print results
- Selection of different ink types as well as colours for almost every material / surface
- Environmentally friendly thanks to minimum solvent requirement
- Extremely durable and high-quality aluminium housing
- High reliability, supported by 24-month warranty (excl. consumables)
- Developed with the German technology partner Elried
- Made in Germany

Complete set in carry case



Scope of delivery

- edding portable 12 print system
- Stackable Tanos carry case
- 4.0 Ah Metabo LiHD high-performance battery
- Metabo battery quick charger

Article number 4-9100

Inks

The right ink cartridge for every specific application:
from page 20



Specifications edding portable 12

Printing process	High-res TIJ print technology with 600 dpi Print distance to surface of up to 8 mm
Print height	Up to 5 lines, between 1.8 mm and 12.7 mm (0.5")
Print surfaces	Extensive ink portfolio for almost all materials and surfaces in several colours
Print options	Alphanumeric characters and logos, date/time, counter, batch/box number, 1D and 2D barcodes
Memory capacity	Internal memory for over 100,000 texts and logos
Connectivity	Ethernet connection RJ 45 incl. DHCP SNMP protocol, other protocols for database connections Web server for access from every workstation On request automatic reorder of new cartridges by the printer
User interface	Intuitive user interface with genuine WYSIWYG print preview Automatic wizards for printer setup Graphic instructions for installation and maintenance in printer display
Input devices	Wireless compact keyboard (included in scope of delivery) Any tablet, smartphone or PC
Display	Capacitive 4.3" colour LCD touchscreen with LED technology
6 LED displays	ON/OFF, print, low ink level, alarm, print direction right/left
Input / Output	2 USB high-speed 2.0 inputs
Language selection	German, English, Spanish, Russian, Turkish
Housing / Structure	Very robust and impact-resistant aluminium housing Stainless steel deflector on the front of the printer for food environments 4-in-1 sandwich design (controller, screen, button and ink cartridge) Independent unit, can be used without PC
Battery	Metabo LiHD premium industrial battery (4000 mAh) Charger AC 100-240 V, 50/60 Hz, 3 A, beeper Works for 6 hours and only needs 35 minutes to charge Can be used for other Metabo power tools
Dimensions (L/W/H)	297 x 152 x 104 mm
Weight	1.1 kg incl. battery, without ink cartridge

In case of specific needs please contact printers@edding.tech

The right ink for every application



	SP for porous surfaces (e.g. cardboard, paper, wood)	NP for non-porous surfaces (e.g. plastic, metal, glass)
Black	Art. No. 4-9200-12-001	Art. No. 4-9300-12-001
Blue	Art. No. 4-9200-12-003	Art. No. 4-9300-12-003
Red	Art. No. 4-9200-12-002	Art. No. 4-9300-12-002
Green	Art. No. 4-9200-12-004	Art. No. 4-9300-12-004
<i>Special</i>		
UV	Art. No. 4-9400-12-000	
Food Grade	Art. No. 4-9400-12-002	
White*	Art. No. 4-9400-12-049	
Yellow*	Art. No. 4-9400-12-005	

*) These inks are suitable both for SP and NP surfaces.

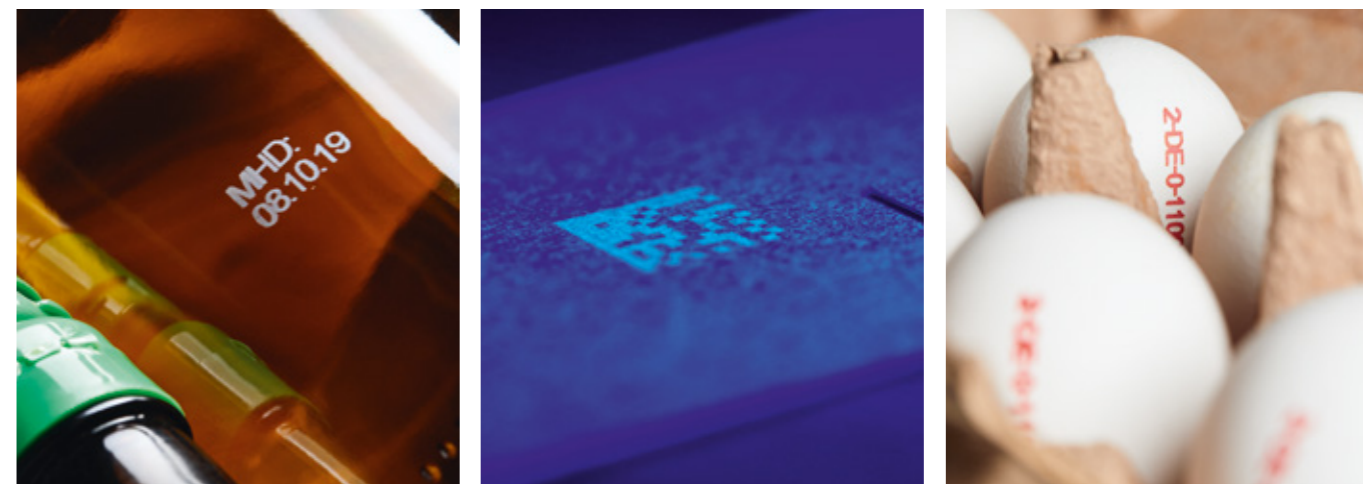
SP inks for porous surfaces



NP inks for non-porous surfaces



Special colours



Scope of application

Food and beverage industry



Scope of application

Logistics and transport



Scope of application

Automotive and industry



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