



in-line

Compact, reliable and cost-effective

A highly integrated printing system for easy installation in new and existing production lines. The system is supplied as a complete package with all the necessary accessories. Thanks to its simple handling, there is no need for specialized technicians.

Due to its numerous inputs and outputs, the compact printer can communicate with upstream and downstream machines and can be fully integrated into the network.

All of this leads to increased production efficiency, elimination of miscoding and ultimately to achieving the Industry 4.0 era.

With edding's wide range of inks you can print on almost any material such as cardboard, plastic, glass and metal. The system was developed together with edding and technology partner Elried.

More details on elried.de



Maximum print height of 12.7 mm (in-line 12) or 25.4 mm (in-line 25)



Intuitive installation and commissioning within minutes



Unique print speed of up to 78 prints per second



Maximum operating time, since neither maintenance nor technical support is necessary



Input via precise touch screen, wireless keyboard, tablet, smartphone or PC



High-resolution 600 dpi printing for razor sharp print results



Choice of different ink types and colours for almost every material



Made in Germany and 24 month guarantee (excluding consumables)



TECHNICAL SPECIFICATIONS

PRINT SYSTEM

Printing process
Print height
Print speed

- High-res TIJ (Thermal Inkjet) print technology up to 600 dpi Print
- Up to 20 lines, between 1.0 mm and 12.7 mm (0.5"), respectively 25 mm (1.0")
- 240 m (787 feet) per minute maximum print speed
- Up to 78 prints per second

Print distance

- Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink

Print surfaces

- Extensive ink portfolio for almost all materials and surfaces in multiple colours

Print options

- Text, 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
- 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

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

Display

- On-screen keyboard, wireless keyboard, any tablet, smartphone or PC; designated app iOS/Android
- Capacitive 4.3" colour LCD touchscreen with LED technology

6 LED displays

Input / Output

- ON/OFF, print, low ink level, alarm, print direction right/left
- 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

Language selection

- Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Arabic, Chinese, Polish, Russian

Housing / Structure

- Extremely robust and impact-resistant aluminium housing
- Stainless steel deflector on the front of the printer for food environments
- Fully integrated 4-in-1 design (control unit, screen, button and ink cartridge)
- Stand-alone unit, can be used with or without PC

Power supply

Dimensions (L/W/H)

Weight

- AC 100-240 V, 50/60 Hz, 2.5 A, automatic switching
- 123 x 77 x 83 mm
- 0.8 kg - without ink cartridge

Operating environment

Quality

- 5 - 40 °C (41 - 104 °F) at 10-90% humidity (non-condensing)
- Made in Germany

SCOPE OF DELIVERY

- Printing system edding in-line with 0.5 Zoll (12mm) or 1.0 Zoll (25mm) 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 - 240 V and grounding cable

EXCERPT OF ADDITIONAL ACCESSORY

Encoder set
Photoelectric cell set
Alarm set

- Consistent, high print quality even with changing belt speeds
- Reliable and precise release for small or unusual product shapes
- Visual signaling of the operating status in three colors

GUARANTEE

- 24 months (except consumable)

Distributed by:



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