in-line 25

Comapct, reliable and cost-effective

An easy-to-integrate printing system for installation in new and existing production systems. Thanks to the unique single-cartridge system, high-resolution printing with a print height of up to 25 mm is possible on different materials such as cardboard, plastic, glass and metal.

Thanks to its numerous connection options, the compact printer can communicate with upstream and downstream systems and can be fully integrated into the network.

All of this leads to an increase in production efficiency, the elimination of incorrect coding and ultimately to the achievement of the Industry 4.0 era.

The system is supplied as a complete package with all necessary accessories. Thanks to the simple handling, specialized technicians are no longer needed.

The system was developed together with edding and the technology partner Elried.

More information at www.elried.de

- Choice of different ink types and colours for almost every material

- Maximum print height of 25.4 mm in up to 44 lines

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

- Unique print speed of up to 78 prints per second

- Installation and commissioning within minutes

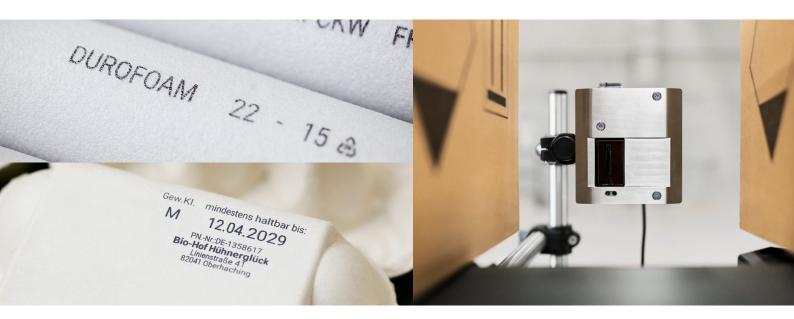- Input via precise touch screen, wireless keyboard, tablet, smartphone or PC

- High-resolution 300 dpi print

- Made in Germany and 24 month guarantee (excluding consumables)

TECHNISCHE DATEN

Print system

Printing process	• High-res TIJ (Thermal Inkjet) print technology up to 300 dpi Print
Print height	• Up to 11 lines, between 1.0 mm and 25 mm (1.0")
Print speed	• 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	• 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
	• 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
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	• On-screen keyboard, wireless keyboard, any tablet, smartphone or PC; designated app iOS/Android
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
	• 2 inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc.
	• 2 high-speed USB 2.0 inputs
Language selection	• English, Bosnian, Croatian, Czech, Danish, Dutch, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Chinese, Polish, Russian, Arabic
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 (controller, screen, button and ink cartridge)
	• Stand-alone unit, can be used with or without PC
Power supply	• AC 100-240 V, 50/60 Hz, 1.6 A, automatic switching
Dimensions (L/W/H)	• 123.5 x 77.2 x 83.0 mm
Weight	• 0.8 kg – without ink cartridge
Operating environment	• 5-40 °C (41-104 °F) at 10–90% humidity (non-condensing)
Quality	• Made in Germany

Scope of delivery

- edding in-line 12 print system, wireless keyboard incl. batteries, hole marker, power supply unit 100-240 V, grounding cable, USB stick
- Attachment matrial: stainless steel rods in lenghts 20, 25 and 35 cm, two cross clamps and a base clamp for attachment to the production line, allen key, screws

Additional accessory

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

Guarantee

- 24 months (except consumable)