

# T100



## 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.



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



Unique print speed of up to 78 prints per second



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



Choice of different ink types and colours for almost every material



Intuitive installation and commissioning within minutes



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



High-resolution 600 dpi printing for razor sharp print results



Made in Germany and 24 month guarantee (excluding consumables)



# T100

## Technical specifications

### Print system

- |                                     |   |
|-------------------------------------|---|
| <b>Printing process</b>             | • High-res TIJ (Thermal Inkjet) print technology up to 600 dpi Print  |
| <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   |
| <b>Print distance</b>               | • Up to 78 prints per second  |
| <b>Print surfaces</b>               | • Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink  |
| <b>Print options</b>                | • Extensive ink portfolio for almost all materials and surfaces in multiple colours • 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<br>• Communication interfaces via MQTT, OPC UA, http request and TCP-Server<br>• Web server for access from every workstation<br>• Prebuilt program code for siemens PLC control<br>• App for iOS and android                                  |
| <b>User Interface</b>               | • Intuitive user interface with genuine WYSIWYG print preview<br>• Automatic wizards for printer setup<br>• 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<br>• Two inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc.<br>• 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>          | • Extremely robust and impact-resistant aluminium housing<br>• Stainless steel deflector on the front of the printer for food environments<br>• Fully integrated 4-in-1 design (control unit, screen, button and ink cartridge)<br>• 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>           | • 123 x 77 x 83 mm  |
| <b>Weight Operating environment</b> | • 0.8 kg - without ink cartridge  |
| <b>Quality</b>                      | • 5 - 40 °C (41 - 104 °F) at 10-90% humidity (non-condensing)<br>• Made in Germany  |

### Scope of delivery

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

### Optional accessories

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

### Guarantee

- 24 months (except consumable)