The next-generation printer solution for industrial marking: Tourmaline T100 printer

Developed with our technology partner Elried, the T100 high-resolution 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 T100 comes in an all-in-one box, with all the accessories needed to get you printing straight away.

The T100 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 T100 combines reliability, innovative ease-of-use and advanced connectivity. It boosts production efficiency, delivers precision coding and brings you firmly into the Industry 4.0 era.

Specifications T100

Printing process	High-res TIJ print technology with 600 dpi, print distance to surface of up to 8 mm
Print height	Up to 11 lines, between 1.0 mm and 12.7 mm (0.5")
Print speed	76 m (249 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	RJ 45 Ethernet connection incl. DHCP
	Communication interfaces via MQTT, OPC UA, http request and TCP-Server
	Web server for access from every workstation
	SMTP for automatic reorder of new cartridges by the printer on request
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, Romanian, Russian, Turkish, Portuguese, simplified Chinese
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