



Main features

Printing type



Barcode



Logo



Alphanumeric text

Maximum height



0-15 mm



16-100 mm



Above 100 mm

Printing surfaces



Primary packaging



Secondary packaging



Raw material

- High-resolution printing up to 50,8 mm (2") on primary and secondary packaging at high speed.
- Simultaneous management of up to 4 printheads.
- Reduction in management costs and consumption with the innovative optional ink delivery system (Bulk) and SmartCard refillable cartridges.
- Wide range of solvent-based inks for coding porous and nonporous surfaces.
- Robust and compact system for easy mounting on different types of equipment.
- Simple and clean technology requiring no maintenance.

Z4

TECHNICAL SPECIFICATIONS

PRINTING CHARACTERISTICS

- Print height from 1 to 50,8 mm (0,04" - 2")
- Simultaneous management of up to four 12,7 mm (0,5"), two 25,4 mm (1"), one 38,1 mm (1,5") or one 50,8 mm (2") TJET printheads
- Line speed capability: up to 180 mt/min (590 ft/min) at 300 Dpi*
- Available fonts: Windows True Type
- High quality graphic images printing
- 1 GB internal memory
- Automatic date, time, off sets and expiry date multifunctions
- Incrementing/decreasing alphanumeric product counters up to 8 digits
- Repeat print - message function
- Field orientation: 0°, 90°, 180°, 270°
- Fixed and variable text field types and barcodes (automatic or external)
- Optimal coding throw distance up to 4 mm (0,16")

BARCODES (LINEAR AND 2D)*

- EAN 8, EAN 13, EAN 128, 2/5 ITF, 2/5 with check Code 128, UPC A, UPC E, GS1 Datamatrix, Datamatrix, QR-Code

CONSTRUCTION CHARACTERISTICS

- Aluminium structure
- Printhead - console distance up to 10 mt (393,7")

GENERAL FEATURES

- 2,5" 128 x 68 pixel OLED display
- Intuitive message creation with Z-TIJ Remote Manager software
- Data transfer using USB key
- Simplified images and texts formatting with Stretch and Drag & Drop functions
- Print parameters stored within each message
- Selection of parameters and settings from console with "turn & press" switch
- Remote management with Z-TIJ Remote Manager software
- Interfacing with management programs and softwares
- User interface and character sets with foreign languages and alphabets (European languages, Japanese, Turkish, Chinese, Cyrillic)
- Auto real-time printing consumption calculation

TJET PRINTHEADS

- Aluminium structure
- Thermal ink jet technology for industrial use
- Horizontal resolution up to 900 Dpi
- Vertical resolution 600 Dpi
- Field orientation: sideways (0° and 90°) and downwards

- Dimensions single printhead TJET12: 99 mm x 68 mm x 193 mm (3,9" x 2,7" x 7,6")
- Dimensions double printhead TJET25: 115 mm x 94 mm x 193 mm (4,5" x 3,7" x 7,6")
- Dimensions triple printhead TJET37: 127 mm x 120 mm x 193 mm (5" x 4,7" x 7,6")
- Dimensions quadruple printhead TJET50: 139 mm x 146 mm x 193 mm (5,5" x 5,7" x 7,6")

BULK SYSTEM (OPTIONAL)

- Stainless steel structure
- 400 ml Bulk cartridge for management up to 4 refillable printheads
- Automatic printhead filling without print interruption
- Printheads refillable up to 1200 ml of ink
- Bulk - printhead distance up to 1,2 mt (47,2")

INKS

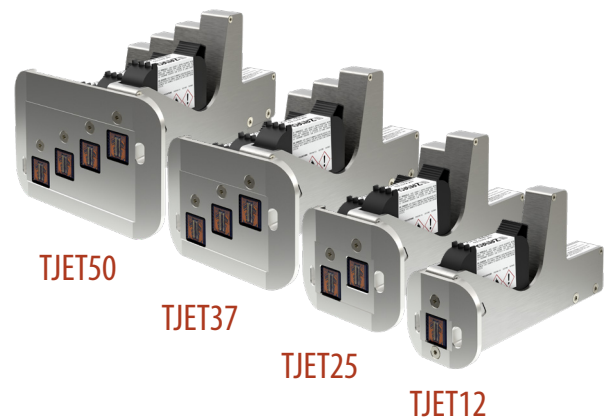
- Wide range of solvent based high-contrast pigmented, non-pigmented and food contact certified inks, available in various colors
- Fast dry and high adhesion inks for porous and nonporous surfaces
- HP cartridges TIJ 2.5 version
- Cartridges with SmartCard chip for automatic recognition, ink level monitoring, parameter setting and error detection

EXTERNAL CONNECTIONS

- Ethernet interface for LAN connection 10/100/1000 Mbit
- Management of up to 2 external sensors for product detection
- Parallel interface BCD up to 5 bit
- Management of up to 2 shaft encoders for not constant product speed
- External alarm output with traffic light column
- N°2 USB 2.0 ports (A and B)
- N°1 serial port RS232

ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: from 5° to 40°C (40°-104°F)
- Humidity: 10 - 90% (non-condensing)
- Single Phase, 90-240 Vac, 50-60 Hz, 24 VA



Use a QR code reader to see the product page