



**"Thermal Inkjet
Coder Printing
Height 76.2 mm"**

B-600 Thermal Inkjet Printer (TIJ)

High Resolution Thermal Inkjet Printer

- Separate nozzle design allows free matching for 1-6 nozzles.
- Supports independent installation of six nozzles or various seamless splicing methods for any number of nozzles, with a maximum printing height of 76.2mm. Any number of lines can be printed within this height range.
- Offers a variety of optional brackets and installation methods, enabling flexible integration with various production equipment.
- Snap-on ink cartridge installation is firm, reliable, and easy to replace.
- 10-inch color industrial touch screen provides an excellent human-computer interaction experience.

Printer Features:

- Supports up to 6 sensors, allowing flexible trigger mode configuration.
- Supports up to 6 print heads, with configurable numbers for each print head.
- Two rows of nozzles alternate to extend ink cartridge life.
- Multiple splicing modes with a maximum printing height of 76.2mm.
- 10-inch industrial touch screen provides an excellent human interaction experience.
- Stepless frequency conversion function allows adjustable print width.
- Anti-collision rebound assembly prevents accidental damage to the print head.

Reliable and Professional Hardware

Using the American TI's AM3358 industrial-grade CPU and Xilinx Spartan-6 industrial-grade FPGA ensures stability, reliability, and resistance to interference in various conditions, making the printing experience unique. The print engine employs a TIJ-dedicated ASIC chip, perfectly compatible with a variety of original and licensed HP inks. Additionally, the professional cartridge preheat algorithm ensures optimum print quality across various temperatures and environments.

Powerful and Smarter Software

The intelligent embedded Linux operating system offers a professional and user-friendly interface. It features a powerful drop consumption algorithm that enables instant cost calculation per print, and robust variable functions for 2D codes to meet the growing demands of today's customers. Additionally, it provides efficient and flexible variable database functions to support various application requirements for product traceability.

Technical Specification:

Operating System	Embedded Operating System
Main Hardware	American TI A M3358 industrial grade CPU/USA Xilinx Spant6 industrial grade FPGA / TIJ dedicated ASIC chip
Communication Interface	Network Interface USB/RJ45 to RS-232
Support Language	Italian, English, French, Arabic, German, Russian, Norwegian, Portuguese, Spanish, Japanese
Power Supply	30Volts 1.5Amps DC output
Body Material	Aluminum Anodized Finish
Dimension Controller	Controller: 274mm*165.4mm*88mm / Head Holster 112mm*79mm*103mm
Working Environment	Max Temp 55C Degrees / Humidity 30 to 70% RH
Nozzle Type	Thermally Foamable Head TIJ2.5
Print Accuracy	150DPI / 300DPI / 600DPI
Print Height	Minimum 1mm / Maximum 76.2mm
Print Speed	152m/min at 300DPI
Print distance	2mm to 3mm
Print Contents	Multi language Characters, 2D Code, Barcodes, Images, Serial Number, Date, Counters, Variable Database, RS232 to receive real data to print
Printable Substrates	Cardboard, Plastic, Metal, Cables, Electronic components, Auto Parts, Chemical Packaging
Ink Type	Aqueous or Solvent based 42ml Cartridges CISS
Ink Color	Black, White, Red, Yellow, Blue, Green, Stealth, UV readable
Cartridge Chip	Contactless RFID tags for automatic identification and recording ink parameters and consumptions

Display Controller:



Mechanical Bracket:



*The unit completeness includes a power supply adapter, trigger sensor, print head cable and mechanical bracket.

Application:



Packing Carton



Medicine



Wood



Plastic Packaging



Plastic PET



GS1 Datamatrix



Barcode



Multi Print



HD Bolt Font



Multi Dot Font



Hitech Marwah Indonesia
coding marking - automation
and packaging machinery



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