TRACENBERG
MARQUAGE TRAÇABILITÉ PERFORMANCE



TIJ T2000-V
THERMAL INKJET PRINTER

- Calculate printing Costs in real time
- Anti-counterfeiting Trace data printing
- Software adjustable Seamless splicing
- Gs1 datamatrix
- Wireless keyboard And mouse control
- Printing speed Up to 406m/min
- Network remote cen Tralized management
- Production line Alarm light control



T2000-V Visual Inkjet Printer All-in-One Machine

Product Introduction:

High-efficiency Automation: The T2000V integrates vision and inkjet printing technologies. The entire process from product identification and positioning to inkjet printing is fully automated, which significantly reduces manual operations. It can adapt to changes in the production line and automatically adjust according to different product types and inkjet printing requirements.

Technological Innovation and Integration: It represents a perfect blend of machine vision and inkjet printing technologies. By leveraging deep-learning algorithms, it optimizes the recognition accuracy and speed.

Flexible Integration and Expansion: The T2000V is suited for multi-variety and small-batch production scenarios. It can be easily integrated into existing production lines. It also has the potential for future function expansion and upgrading, providing long-term value for manufacturers.

Quality Traceability and Anti-counterfeiting: It ensures high-definition and complete inkjet printing results. The machine supports real-time high-speed printing for traceability systems, anti-counterfeiting systems, and dynamic databases of food and drug supervision codes.

Significant Cost Reduction and Efficiency Increase: Through automated production and high-precision inkjet printing, the T2000V effectively cuts down on labor and material costs.

Identification Types:

Identification detection: Identify products by their shape, color, size, text, barcode or QR code.

Presence detection: Stable detection of products, processing, etc. through precise image processing.

Appearance detection: Stable detection of impurities, scratches and defects on the surface of products using special shooting technology.


Electronic component


Cosmetics

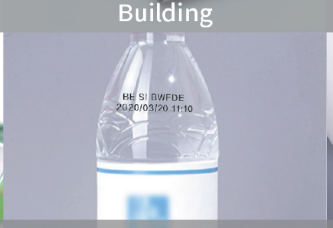

Building


Auto

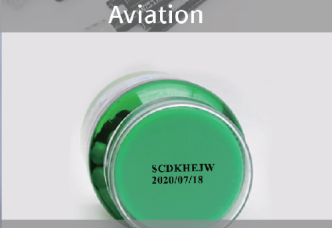

Aviation


Wire


Food


Beverage


Pipe


Healthcare

Printing Parameters

Printing accuracy	150dpi low resolution and 300dpi high resolution optional, adjustable printing grayscale 1-6 levels
Number of printheads	1/2
Printing height	1-25.4mm (the best quality distance between the nozzle and the printing surface is 1-2mm)
Print speed	Up to 406m/min
Ink cartridge chip	REID non-contact chip, automatic identification of ink parameters and recording of ink balance
Ink color	Black, white, red, yellow, blue, green, invisible, UV
Ink type	42ml food grade/water-based/oily/weak solvent/ solvent ink cartridge, large-capacity ink bag continuous ink supply system
Printing content	Multi-language characters/dynamic traceability QR code/ barcode/graphics/serial number/date/counter/variable database/network serial port real-time dynamic data printing...
Printing material	Carton/plastic/metal/plate/pipe/stone/cable/electronic components/auto parts/industrial chemical packaging/ medical food gift packaging box

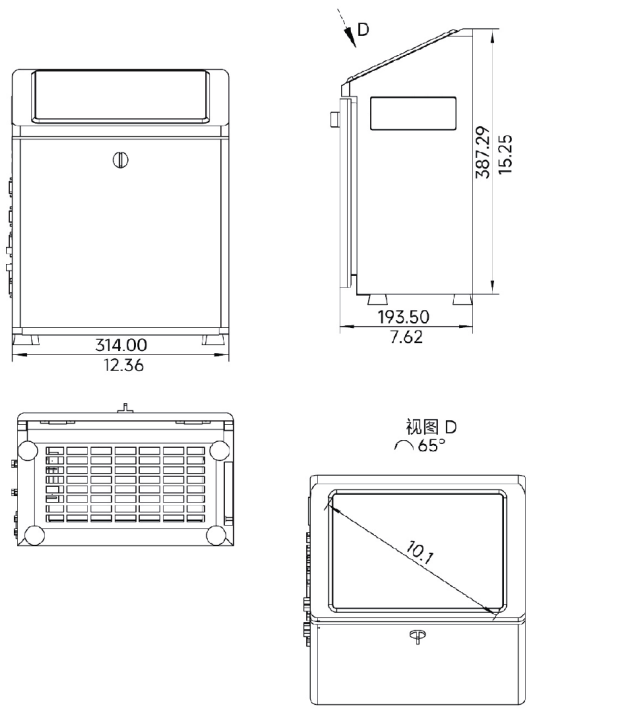
Machine Parameters

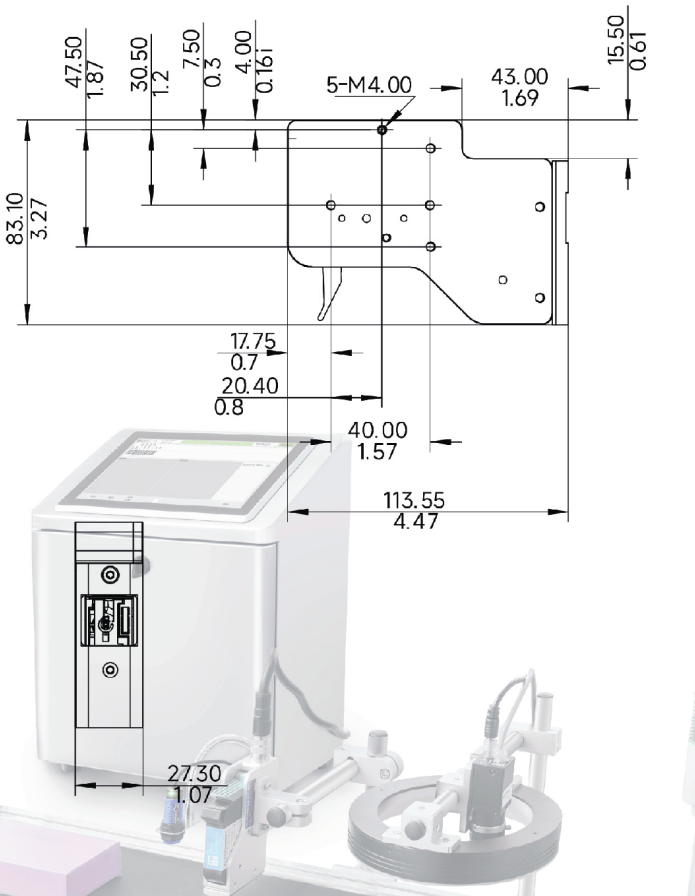
Operating system	Embedded Linux operating system
Hard disk and memory	USB, RS232, network port, WiFi, 4G
Printhead installation	Separate printhead installation,optional dual printheads can be spliced or used sparately
Hard disk and memory	8GB、4GB
External interface	Photoeye, encoder, alarm light
Power supply parameters	Power adapter 100-240V AC input, 30V 3A DC output
Machine material	Industrial standard protective body (aircraft-grade aluminum)
Screen	1280*800 capacitive touch screen 10.5-inch industrial touch screen
Working environment	Temperature 0-45°C/humidity 30-70%Rh
Main hardware	FPGA algorithm acceleration chipset, 3 NPU core, 6top computing power, RK3588 industrial-grade high-performance CPU
Machine specifications	Controller: 314*193.5*387.3mm Nnozzle (single): 113.6*83.1*27.3mm
Support language	Supports more than 40 national and regional languages (Chinese/English/Arabic/Russian/French/Vietnamese/Korean, etc.)

Visual parameters

Recognition speed	The maximum production line speed is 80 meters per minute. Taking "date and 4-digit serial number" as an example, the recognition speed is 10 per second
Camera	Support dual-channel camera, lighting

Machine Specifications





Une Question ? Un Conseil ?

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