

T2000-F

FUNAI HIGH-SPEED VARIABLE DATA INKJET SYSTEM

- ◆ 10-inch HD touch screen
- ◆ Thin body with complete interfaces
- ◆ Anti-counterfeiting traceable data inkjet
- ◆ Real-time calculation of printing costs
- ◆ Production line alarm light control
- ◆ GS1 DataMatrix
- ◆ T2 family interface is user-friendly and intuitive
- ◆ Aerospace aluminum industrial protection
- ◆ Software allows seamless stitching
- ◆ Network remote centralized management
- ◆ Wireless keyboard and mouse control



◆ More reliable professional hardware

Uses American TI Company AM3358 Industrial-grade high-performance CPU, American Xilinx Company Spartan6 Industrial-grade high-speed computing FPGA printing engine, Industrial-grade TIJ inkjet special ASIC chip set, Motherboard adopts anti-interference industrial-grade solid-state electronic components, SMT manufacturing process, dustproof, moisture-proof, corrosion-resistant industrial-grade protective body, 10.1-inch industrial touch display, supports network USB serial port alarm and other complete external hardware interfaces, all industrial-grade hardware ensures reliable and stable application in various complex working conditions, applicable in high and low temperature, dusty, humid, and interference environments, to achieve stable printing quality.

◆ More powerful software system

Stable and efficient architecture industrial-grade embedded Linux secure intelligent operating system, independently developed ultra-high-speed inkjet management system, ultra-high-speed inkjet response within 10 milliseconds, efficient and flexible dynamic database printing function, supports remote network centralized management and control, supports traceability system, anti-counterfeiting system, food and drug supervision code, dynamic database, real-time high-speed inkjet powerful GS1 two-dimensional code and barcode, functions meet various variable code application needs of customers, built-in powerful ink drop consumption dedicated algorithm can instantly calculate printing costs for customers, scanner input, wireless keyboard and mouse control multi-level security menu, supports over 40 kinds of multilingual languages.

Codpad
Member of DOCOD

Professional TIJ inkjet printer manufacturer
Dynamic traceability database high speed printing solution
OEM ODM SDK one-stop service

- ◆ Seamless stitching of dual printheads, can be independently installed
- ◆ Adjustable grayscale from 1 to 6 levels, providing rich black printing effects
- ◆ Ink cartridges feature buckle-style installation for simplicity and reliability
- ◆ Various optional brackets available for different installation methods
- ◆ Supports multiple FUNAI ink cartridges, including water-based and quick-drying options
- ◆ Easily compatible with weighing machines, packaging machines, and paging conveyors
- ◆ Supports OEM brand functionality for personalized customization



Technical Parameters

Machine	Body Material	Industrial Stainless steel
	Operating System	Embedded Linux Operating System
	Comm.Interface	USB, RS232, TCP/IP network interfaces (supporting network remote centralized control and management, integration with weighing machines/conveyors/paging machines/packaging machines/ERP databases/pharmaceutical supervision codes/anti-counterfeiting traceability systems).
	Working Environment	Temp 0-45°C /Humidity 30 to 70%RH
	Power Supply	30Volts 3Amps DC output
	Dimension	Controller 253mm*155mm*37mm Printhead Group:113mm*100mm*39mm
	Main Hardware	American TIA M3358 industrial grade CPU/USA Xilinx Spant6 industrial grade FPGA/TJ dedicated ASIC chip
	External Interface	PhotoCell,Encoder,External Reverse/Inverse control,Alarm outputs,External data Selection.

Printing Head	Nozzle Type	FUNAI Printhead
	Print Accuracy	108m/min (320×100DPI), 76.2m/min (320×160DPI), 60.8m/min (320×300DPI) (multiple sets of variable data with ultra-high-speed response inkjet printing within 10 milliseconds)
	Print Height	Minimum printing height: 1mm, single printhead printing height: 13.5mm, maximum printing height for dual printheads: 27mm (optimal quality distance between printhead and printing surface: 1-2mm)
	Ink Type	Water-based, oil-based, weak solvent, solvent 40ml ink cartridges.
	Ink Color	Black
	Cartridge Chip	RFID non-contact chips, automatically identify the optimal parameters for ink and record ink levels.
	Printable Substrates	Cardboard/plastic/metal/wood/pipes/stone/glass/cables/electronic components/automobile spare parts/industrial chemical packaging/medical and food gift packaging boxes.
Print Contents	Multi-language characters/GS1 DataMatrix/dynamic traceability QR codes/barcodes/graphics/serial numbers/date/shift/counter/variable databases/network serial port real-time dynamic data printing, etc.	



Packing carton



Medicine



Furniture and wood



Food packaging



PET plastics



GS1 Data Matrix



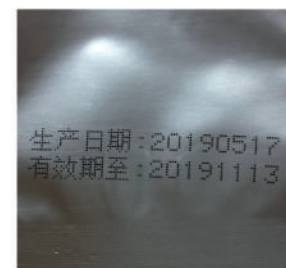
Dynamic security barcode



Multi- group printing



HD bold font



Multi-dot font

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