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## T 110 – M Conveyor Type TIJ Printer

5.9 inches Color industrial touch screen, 20 Supported operational languages, 120metres/min/300DPI printing speed, aerospace aluminum body and supported by a WYSIWYG editing information for easier operation and onboard instant cost per print calculator.

### ◆ more professional

The print engine uses TIJ dedicated ASIC chips, a perfect match for a variety of original and licenced HP Inks.  
 Professional Cartridge preheat algorithm to ensure optimum print quality at high and low temperatures and environments.

### ◆ more reliable

Use of American TI's Am3358 industrial-grade CPU, Xilinx Spant6 industrial-grade FPGA.  
 More stable, reliable and anti-interferences in various conditions rendering the print a unique experience.

### ◆ more practical

Powerful variable functions of the 2-Dimensional code to meet the today growing customer demand.  
 Efficient and flexible variable database function to meet various applications requirements for products traceability.

### ◆ smarter

Intelligent embedded linux operating system, provide professional and more user friendly interface.  
 Embedded powerful drop consumption algorithms that allow instantly to calculate the cost per print.

## Technical Parameters

<b>Printing Head</b>	Nozzle Type	Thermally foamable head TIJ2.5
	Print accuracy	150DPI / 300DPI / 600DPI
	Print height	Minimum 1mm / Maximum 12.7mm
	Print Speed	120metres / min at 300DPI
	Print distance	Best Printing distance 2-5mm
	Print content	Multi-language Characters / dynamic two-dimensional code / barcode / images / serial numbers / date / counters / variable dynamic database / RS232 receive real-time data to print
	Printable Substrates	Cardboard / plastic / metal / stones / cables / electronic components / auto parts / industrial chemical packaging / pharmaceutical and more ...
	Ink Type	Aqueous / Solvent 42ml Cartridges CIS S
	Ink Color	Black / White / Red / Yellow / Blue / Green / Stealth / UV
	Cartridge chip	Contactless chip RFID tags, automatic identification and recording ink parameters and consumption

<b>Machine</b>	Operating System	Embedded operating system
	Main Hardware	American TI Am3358 industrial-grade CPU / USA Xilinx Spant6 industrial-grade FPGA / TIJ dedicated ASIC chip
	Communication Interface	USB / RJ 45 to RS 232
	External Interface	Photo cell / Encoder / Reverse Inverse control
	Supported Languages	Multi-languages (English / Italian / French / Finnish / Chinese / Arabic / Danish / German / Russian / Korean / Norwegian / Portuguese / Spanish / Japanese etc...)
	Power Supply	100 - 240V AC 50-60Hz input / 12.6V 3ADC output
	Body Material	Aerospace Aluminum
	Dimension	230mm*137mm*97mm
	Working Environment	Max Temperature 0- 55 Degree C / humidity 30-70% Rh