



# **ECONOVA INDUSTRIES**

Your Trusted Partner For Batch Coding Solutions





EcoNova Industries is a trusted provider of advanced industrial printing and batch coding solutions. With a strong focus on quality, reliability, and innovation, we have become a preferred partner for manufacturers across FMCG, Pharma, Beverages, Automotive, and other industries. Our mission is to deliver technologies that ensure efficiency, accuracy, and seamless production.

## Our Products & Services

### Batch Coding Printers

High-performance Inkjet, Laser, and Thermal printers for marking batch numbers, manufacturing dates, expiry dates, barcodes, QR codes, and other variable data with precision.

### Labeling Systems

Smart and reliable labeling machines for product and packaging lines, ensuring fast, accurate, and consistent labeling to meet industry compliance.

### Consumables & Spare Parts

Genuine inks, makeup, wash solutions, cleaners, and spare parts designed to maximize machine performance, reduce downtime, and extend equipment life.

### Service & AMC

Comprehensive maintenance, repair, and Annual Maintenance Contracts (AMC) with expert engineers for zero downtime and smooth production.

## Our Value Proposition

-  **Quality You Can Trust** – All products undergo strict quality checks to meet international standards.
-  **Innovative Technology** – Cutting-edge solutions that enhance traceability, productivity, and compliance.
-  **Cost-Effective** – Best-in-class machines & consumables at competitive pricing for maximum ROI.
-  **Customer-Centric Approach** – Tailored solutions, quick support, and long-term partnerships.

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# Intelligent CIJ Printer

## PRODUCTS DETAILS

Usage / Application : Lables, Laminations, Metal, Plastic  
Model / Name / Number : PUREJET (PJ1000) Inkjet Printer  
Weight : 25 Kg  
Colour : Grey & Black  
Number Of Print Heads: 1

**PJ1000 Series**

- BIS Ceteritifde
- Single Head
- Double Head
- Ip65 SGS CERTIFIED
- Up to 600m/min

# PRODUCT DESCRIPTION

**PJ1000 Series Small Character Inkjet Coding Machine is Welcomed Customer at Domestic and Abroad . This Inkjet Printer can be Chip - locked if the customer Buy this Model it will Help to Protect the Sales of Ink and Solvent**

## SPECIFICATIONS



**Model : PJ 1000**  
**Nozzle type : 40/50/60/67um**  
**Character Height Range : Max 32 dot**  
**Port: USB,RS232 Port and Ethernet**



| CU BIS Certified P11000 Series RFID type | Speed  | Normal speed 76.8kHz               |   |   |   | High speed 94kHz                                      |   |   |   | Ultra speed 128kHz  |                         |                         |  |
|--|--|------------------------------------|---|---|---|---|---|---|---|---|-------------------------|-------------------------|--|
|  |  | P11000+ Small Character            | P11000XD Small Character Double head  | P11000M+ Micro Character                              | P11000+ Pigmented Ink                                 | P11000+ Pigmented Ink                                 | P11000MH+ Pigmented Ink                               | P11000U+ Pigmented Ink                                | P11000U+ Pigmented Ink  | P11000MU+ Pigmented Ink   | P11000MU+ Pigmented Ink | P11000MU+ Pigmented Ink |  |
| IP Grade                                 | IP54   | IP54                               | IP54  | IP54  | IP54  | IP54  | IP54  | IP54  | IP54  | IP65 SGS Certified  | IP54                    | IP65 SGS Certified      |  |
| Special Design                           |  |                                    |   |   |   |   |   |   |   | IP65 Standard Design S3316 chassis uAlarm light uUSA Micropump Pressure Pump u Positive air on Printhead uSoftware all functions free of charge |                         |                         |  |
| Nozzle size                              | 60µm (Standard) *50µm (Option) *67µm (Optional)  | 40µm                               | 60µm (Standard) *67µm (Optional)  | 50µm (Standard)                                       | 40µm  | 50µm (Standard)                                       | 40µm  | 50µm (Standard)                                       | 40µm  |   |                         |                         |  |
| Ink color                                | Black, yellow, red, blue, UV, etc. (except white ink)  | White ink                          | Black, yellow, red, blue, UV, etc. (except white ink)                       | Black, yellow, red, blue, UV, etc. (except white ink) | Black, yellow, red, blue, UV, etc. (except white ink) | Black, yellow, red, blue, UV, etc. (except white ink) | Black, yellow, red, blue, UV, etc. (except white ink) | Black, yellow, red, blue, UV, etc. (except white ink) | Black, yellow, red, blue, UV, etc. (except white ink)           |   |                         |                         |  |
| Printing Height                          | 1.8mm~15mm   | 1.8mm~10mm                         | 1.8mm~15mm  | 0.8mm~10mm  | 0.8mm~10mm  | 0.8mm~10mm  | 0.8mm~10mm  | 0.8mm~10mm  | 0.8mm~10mm  |   |                         |                         |  |
| Throw Distance                           | Max 30mm printhead to substrate  | Max 20mm printhead to substrate    | Max 30mm printhead to substrate   | Max 20mm printhead to substrate                       | Max 20mm printhead to substrate                       | Max 20mm printhead to substrate                       | Up to 15mm, printhead to substrate                    | Up to 15mm, printhead to substrate                    | Up to 10mm, printhead to substrate                              |   |                         |                         |  |
| Maximum number of print lines            | 5/5 Up to 5 line 7/5 Up to 4 line  | 5/5 Up to 10 line 7/5 Up to 8 line | 5/5 Up to 5 line 7/5 Up to 4 line *Each model could select double printhead | Max 30mm printhead to substrate                       | Max 20mm printhead to substrate                       | Max 20mm printhead to substrate                       | 5/5 Up to 5 line 7/5 Up to 4 line                     | 5/5 Up to 5 line 7/5 Up to 4 line                     | One line only. *Each model could select double printhead option |   |                         |                         |  |
| Font                                     | 5X5, 7X5, 9X7, 12X10, 16X12, 24X18, 32X24  |                                    |   |   | 5X5, 7X5, 9X7, 12X10, 16X12, 24X18, 32X24             |   |   |   | 5X5, 7X5, 9X7, 12X10, 16X12                                     |   |                         |                         |  |
| Font (Horizontal x Vertical)             | 5X5A   | 306                                | 263   | 184   | 306   | 367   | 316   | 220   | 497   | 600   | 375                     | 460                     |  |
|  | 5X5B   | 73.5                               | 108   | 77  | 55.8  | 88  | 130   | 92  | 92  |   |                         |                         |  |
|  | 5X5C   | 40.6                               | 64  | 41  | 31.7  | 48  | 77  | 49  | 375   | 460   |                         |                         |  |
|  | 5X5D   | 23.1                               | 42  | 28  | 53  | 27  | 50  | 33  |   |   |                         |                         |  |
|  | 7X5A   | 230                                | 205   | 131   | 230   | 276   | 246   | 157   |   |   |                         |                         |  |
|  | 7X5B   | 72                                 | 80  | 52  | 88  | 86  | 96  | 62  |   |   |                         |                         |  |
|  | 7X5C   | 37.8                               | 44  | 29  | 53  | 45  | 53  | 34  |   |   |                         |                         |  |
|  | 7X5D   | 20.7                               | 20.7  | 19  | 38  | 25  | 25  | 22  |   |   |                         |                         |  |
|  | 9X7A   | 118                                | 167   | 103   | 184   | 144   | 200   | 123   | 231   | 270   | 231                     | 270                     |  |
|  | 9X7B   | 31.9                               | 57  | 38  | 68  | 38  | 68  | 45  |   |   |                         |                         |  |
|  | 12X12A   | 74.5                               | 102   | 77  | 55.8  | 90  | 122   | 92  | 122   | 270   | 231                     | 270                     |  |
|  | 12X12B   | 24.1                               | 35  | 28  | 20.9  | 28  | 42  | 33  |   |   |                         |                         |  |
|  | 16X16A   | 54.8                               | 71  | 52  | 81  | 65  | 85  | 62  | 89  | 111   | 89                      | 111                     |  |
| 16X16B                                   | 19.5   | 19.5                               | 19  | 14.4  | 23  | 23  | 22  |   |   |   |                         |                         |  |
| 24X24A                                   | 32.5   | 43                                 | 31  | 48  | 39  | 51  | 37  |   |   |   |                         |                         |  |
| 32X32A                                   | 20.2   | 28                                 | 21  | 15.6  | 24  | 33  | 25  |   |   |   |                         |                         |  |
| Display & Software                       | 10.1 inch Touch screen, QT software, WYSIWYG message editing u Font modifiable on PC uWindows easy printing uMessage freely manually drag and drop, zoom in/out uSimple remote upgrade of software   |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Printed                                  | uHighly sensitive import material uNew anti HV breakdown design with precision sealing uPrinthead Heating uStart-up and shut-down auto-cleaning uStandard 3M Umbilical Cord  |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Hardware Configuration                   | 4 Core CPU, main frequency 1.4GHz, Standard 1G RAM, 8G EMMC  |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Protocol                                 | MODBUS Standard Industrial Protocol, Other customized protocol is available  |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Language                                 | Chinese/English/French/Portuguese/Spanish/Italian/Russian/Turkish/Japanese/Korean/Hindi/Arabic/Persian/Bangali/Vietnamese/Hebrew *Other language available by using Windows input method   |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Interaction Control                      | One Tablet control multiple printers via Wifi and LAN, Synchronized display and interaction control by printer, computer and Mobile hone.  |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Ink & Solvent Consumption                | 750ml Solvent average consumption (25-30 C): 60-90hours u750ml Ink (nozzle 60micron): 17-50,000,000 characters u97u 37,500,000 characters u16-16u 13,500,000 characters u24-24u 6,000,000 characters uBarcode/DM/QR uVariables (random code) |                                    |   |   |   |   |   |   |   |   |                         |                         |  |
| Printing content (Barcode & 2D Code)     | Dynamic printing of 140 types of Barcode, 2D code, Chinese, English, Number, Date, Time, Logo, Barcode, Batch Number, etc  |                                    |   |   |   |   |   |   |   |   |                         |                         |  |



# MAIN FEATURES

■ Unique high- definition large screen 10.1 inch, resolution up to 1280\* 800

■ The interface editing method is more convenient, and if can be easily realized by dragging, copying and pasting.

■ Support all windows fonts, support vector scalable fronts.

■ The core board is more efficient, faster processing and more powerful

■ Increase the dynamic delivery function of the dot matrix Font to meet all printing needs of customers.

## DISPLAY & SOFTWARE & PROTOCOL

- .QT Software 10.1 Inch Big Touch Screen
- .Simple operation experience on friendly interface
- .Simple remote update of software
- .MODBUS Standard Industrial Protocol

## THROW DISTANCE

- . Maximum 10-30mm from printhead to substrate
- . Printing Height :0.8mm-15mm

## PRINthead

- .Printhead Heating
- .Hi- tenacity import material
- .New anti HV breakdown design with precision sealing
- .Start-up and shut-down auto- cleaning
- .Standard 3M Umbilical cord

## PRINTING SPEED

Up to 600m/ min (5\*5 font, Single line)

## LANGUAGE

Multi-language Menu and keyboard, English, Arabic, Russian, Spanish, Turkish, Persian, Bengali, Polish, Korean, French, Hebrew, Japanese and Persian etc. New QT system very easy to add any language.



INK&MAKE-UP



MAIN FILTER

## CONTACT US

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# M10 MAX

state-of-the-art universal printing system

## TECHNICAL SPECIFICATIONS

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Printing Technology</b>   | 1 Inch TIJ 155 x 107 x 40 mm 216.4 x |
| <b>Controller Dimensions</b> | 49.1 x 77.8 mm 622g 430g 5" LCD      |
| <b>Printhead Dimensions</b>  | Touch Screen AC 100V-240V, 50/60Hz,  |
| <b>Controller Weight</b>     | DC 24V 2.5A Max 300 DPI              |
| <b>Print Head Weight</b>     | 40m/min @ 300x300 dpi                |
| <b>Display</b>               | 3 levels                             |
| <b>Power Supply</b>          | 5mm                                  |
| <b>Resolutions</b>           |                                      |
| <b>Print Speed</b>           |                                      |
| <b>Density</b>               |                                      |
| <b>Throw Distance</b>        |                                      |

## FEATURES

|                                  |   |
|----------------------------------|---|
| <b>Wide Range Of Print Types</b> | <ul style="list-style-type: none"><li>• Text</li><li>• Counter</li><li>• Box/Lot</li><li>• Datetime</li><li>• Expiry Date</li><li>• Julian Date</li><li>• Shiftcode</li><li>• Image Database</li><li>• 1D &amp; 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix...)</li></ul> Maximum 25.4mm   |
| <b>Printable Height</b>          |   |
| <b>External Connections</b>      | <ul style="list-style-type: none"><li>• Build in sensor</li><li>• External Sensor</li><li>• Encoder and Alarm beacon</li></ul>  |
| <b>Template Length</b>           | 1.5m  |
| <b>Database</b>                  | TXT, CSV, SQL, MySQL, SQLite, JSON  |
| <b>Advance Features</b>          | <ul style="list-style-type: none"><li>• Free design in template up to 1 inch (1 head)</li><li>• POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher...) via RJ45</li><li>• Real-time Printing</li><li>• WYSIWYG (what you see is what you get)</li><li>• Data upload, Backup &amp; Recovery via USB</li><li>• Up to 10mm throw distance for character and 5mm for 2D barcodes</li></ul> |
| <b>Printable Characters</b>      | Windows true fonts - Free design in template up to 1 inch (1 heads)   |
| <b>Print Languages</b>           | English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic...   |
| <b>System Languages</b>          | English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)   |



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# M20 & MAX

**CONTROLLER**

**PRINTHEAD**

Touch Screen Controller With TIJ One Inch Dual  
Print Heads

## PRODUCT

# DESCRIPTION

TheMark1 M20 MAX is the next generation of TIJ printers. With a 7" touch screen controller that connects up to two printheads (One Inch TIJ Technology) capable of high-resolution outer case packaging, the M20 printer control system is highly adaptable to your packaging printing needs.



## VERSATILE



### Easy to use

7" Touch screen with intuitive WYSIWYG interface



### Integration

Sleek & streamlined for easy integration with 3rd party products



### Flexible

Variable database function to meet the requirements in all kinds of applications

## ADAPTABLE



### Quality

Max. 300dpi print quality



### High Speed

40m/min@300x 300 DPI



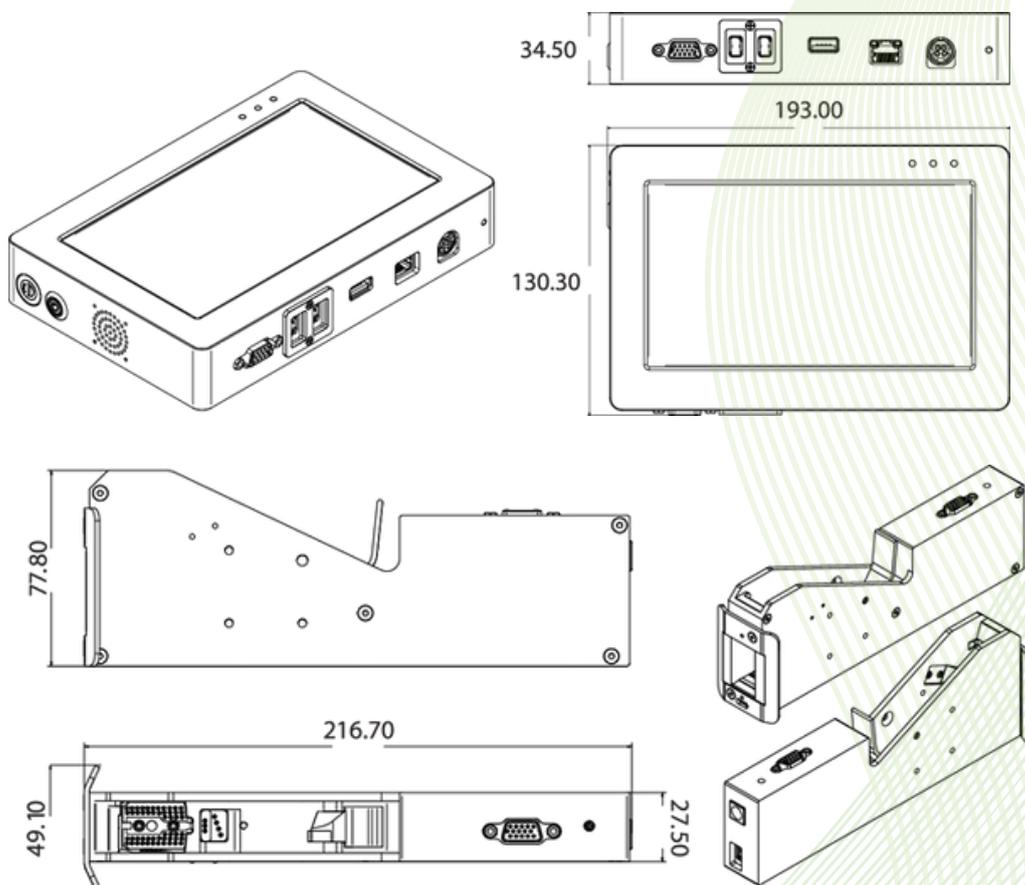
### Printing

Connects up to 2 printhead

# SPECIFICATIONS

## TECHNICAL SPECIFICATIONS

|                              |                                  |
|------------------------------|----------------------------------|
| <b>Printing Technology</b>   | 1 Inch TIJ 193 x 130.3 x 34.5 mm |
| <b>Controller Dimensions</b> | 216.4 x 49.1 x 77.8 mm 888g      |
| <b>Printhead Dimensions</b>  | 430g                             |
| <b>Controller Weight</b>     | 7" LCD Touch Screen              |
| <b>Print Head Weight</b>     | AC 100V-240V, 50/60Hz, DC 24V    |
| <b>Display Power Supply</b>  | 2.5A                             |
| <b>Resolutions</b>           | Max 300 DPI                      |
| <b>Print Speed</b>           | 40m/min @ 300x300 dpi            |
| <b>Density</b>               | 3 levels                         |
| <b>Throw Distance</b>        | 5mm                              |



## FEATURES

|                                  |  |
|----------------------------------|--|
| <b>Wide Range Of Print Types</b> | <ul style="list-style-type: none"> <li>• Text, Counter</li> <li>• Box/Lot</li> <li>• Datetime</li> <li>• Expiry Date</li> <li>• Julian Date</li> <li>• Shiftcode</li> <li>• Image</li> <li>• Database</li> </ul> <p>1D &amp; 2D Barcodes<br/>(Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix...)</p>  |
| <b>Printable Height</b>          | Maximum 50.8mm / 2 heads   |
| <b>External Connections</b>      | <ul style="list-style-type: none"> <li>• Build in sensor</li> <li>• External Sensor</li> <li>• Encoder and Alarm beacon</li> </ul>   |
| <b>Template Length</b>           | 2m   |
| <b>Database</b>                  | TXT, CSV, SQL, MySQL, SQLite, JSON   |
| <b>Advance Features</b>          | <ul style="list-style-type: none"> <li>• Free design in template up to 1 inch (2 head)</li> <li>• POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher...) via RJ45</li> <li>• Real-time Printing</li> <li>• WYSIWYG (what you see is what you get)</li> <li>• Data upload, Backup &amp; Recovery via USB</li> <li>• Up to 10mm throw distance for character and 5mm for 2D barcodes</li> </ul> |
| <b>Printable Characters</b>      | Windows true fonts - Free design in template up to 1 inch (2 heads)  |
| <b>Print Languages</b>           | English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic...  |
| <b>System Languages</b>          | English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)  |



# APPLICATIONS

## INDUSTRY OPPORTUNITIES



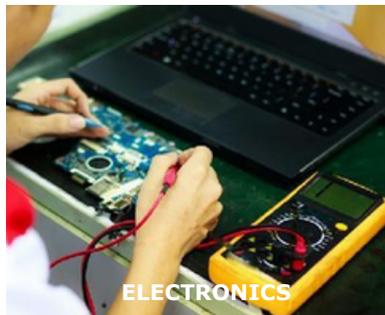
F&B



PHARMACEUTICALS



PERSONAL CARE



ELECTRONICS



AUTOMOTIVE

## TYPES OF PRINTING APPLICATIONS

### POROUS



CARTON BOXES



FOOD BOXES



MASKS



MEDICINE BOXES

### NON - POROUS



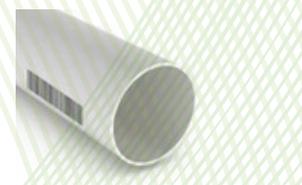
PLASTIC BOTTLES



CANS



FOOD LABELS



PVC TUBES

## Econova industries

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# M60 & MAX

CONTROLLER                      PRINthead

---

10" Controller For 6 One-Inch TIJ Printheads

# M60 MAX

# TECHNICAL SPECIFICATIONS



|                              |  |
|------------------------------|--|
| <b>Printing Technology</b>   | 1-Inch TIJ   |
| <b>Controller Dimensions</b> | 305.6x 200.9 x 64.2 mm   |
| <b>Printhead Dimensions</b>  | 140.5 x 45.9 x 94.5 mm ( 1 Printhead)<br>140.5 x 80.8 x 119.5 mm (2 Printheads)<br>140.5 x 107.8 x 144.3 mm (3 Printheads)<br>140.5 x 135.8 x 169 mm (4 Printheads)<br>140.5 x 203.5 x 219.2 mm (6 Printheads) |
| <b>Controller Weight</b>     | 2,750g   |
| <b>Print Head Weight</b>     | 279g   |
| <b>Display</b>               | 10" LCD Touch Screen   |
| <b>Power Supply</b>          | AC 100V–240V, 50/60Hz, DC 24V 9.2A   |
| <b>Resolution</b>            | Max 300 DPI  |
| <b>Print Speed</b>           | Up to 40m/min at 300 DPI   |
| <b>Print Density</b>         | 3 levels   |
| <b>Throw Distance</b>        | 5mm  |

## FEATURES

|                                  |   |
|----------------------------------|---|
| <b>Wide Range Of Print Types</b> | <ul style="list-style-type: none"> <li>• Text, Counter, Box/Lot, Datetime</li> <li>• Expiry Date</li> <li>• Julian Date</li> <li>• Shiftcode</li> <li>Image Database</li> <li>1D &amp; 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)</li> </ul>   |
| <b>Printable Height</b>          | Maximum 152.4mm / 6 printheads  |
| <b>External Connections</b>      | External Sensor, Encoder and Alarm Beacon   |
| <b>Template Length</b>           | 1.5m  |
| <b>Database</b>                  | TXT, CSV  |
| <b>Advanced Features</b>         | <ul style="list-style-type: none"> <li>• Free design in template up to 152.4mm (6 Inches)</li> <li>• POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45</li> <li>• Real-time Printing</li> <li>• WYSIWYG (what you see is what you get)</li> <li>Data upload, Backup &amp; Recovery via USB</li> </ul> |
| <b>Printable Characters</b>      | Windows true fonts - Free design in template up to 152.4mm (6 Inches)   |
| <b>Print Languages</b>           | English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic (and others)   |
| <b>System Languages</b>          | English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)   |



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# THERMAL INK JET ECO 1010



T2.5 Inkjet technology

## PRODUCT

### Print Features

- Printing direction: Adjusted within 360 degree, meet all kinds of production needs.
- Character type: high-definition printing character, dot matrix font, Simplified, Traditional Chinese and English
- Function: Handheld print and On line printing (Need Sensor extra)
- Printing pictures: Pictures(BMP Monochrome single bitmap format) can be uploaded through USB disk
- Printing accuracy: 300DPI 400DPI 600DPI
- Printing height: 2mm-12.7mm
- Print code: bar code, QR Code
- Printing distance: 1-10mm Mechanical Adjustment (the best distance between the nozzle and printed object is 2-5mm)
- Print serial number: 0~9
- Automatic print: .date, time, batch number shift and serial number, etc
- Storage: external USB save the information transfer in a free way
- Message length: 2000 characters for each message, not more than 1200mm length
- Printing speed: 60m/min
- Ink type: Quick-dry environmental ink, water-based ink and oily ink
- Ink color: black, white, red, blue, yellow, green, invisible
- Ink volume: 45ml(usually can print 800,000 characters)



### Physical Features

- Dimension: 130\*128\*242mm.
- Net Weight: 1.10kg.
- External Interface: USB, photoelectric interface, can directly insert a USB disk to Upload information.
- Voltage: DC16.8v lithium battery, print continuously more than 10 Hours and 20 hours standby.
- Control Panel: touch-screen.
- Power Consumption: The average power consumption is lower than 5W.
- Working Environment: Temperature:0 - 38 degree; humidity: 10% - 80%
- Printing Material: Board, Carton, Stone, Pipe, Cable, Metal, Plastic product, Electronic, Fiber Board, Light Steel Keel, Aluminum Foil.

10- logo and graphics

## EconoVa Industries

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# G7 TIJ Online Inkjet Printer





### Features:

G7 TIJ on line inkjet printer support 12.7 mm and 25.4 mm ink cartridge work on a same printer only by changing print head plates. With 7 inch large touch screen, speed up to 110 m/min, more than 20 operating system languages, max print height up to 25.4 mm, It' s ideal for coding text, batch number, expiry day, logo, bar code, QR code, GS1 code, variable data etc in food and beverage, life science, personal care, tickets, industrial areas etc.

### Locked or Unlocked

G7 is available in both locked and unlocked versions. The locked is compatible with TIJ 2.5 cartridges that with our custom-written chips, while the unlocked works with all TIJ 2.5 cartridges. You can select the version suits your requirements.

### Multi-languages

There are more than 20 languages into the system, including English, Spanish, Portuguese, Arabia, Korean and Thai, etc.



**Adjustable Print head:**

Adjustable height is 2cm , which makes your installation more convenient and reduces tedious operation.

**Technical Specifications**

All subject to change without notice

|                      |  |
|----------------------|--|
| <b>Printer Model</b> | <b>G7</b>  |
| <b>Display</b>       | 7inch capacitive touch screen                                    |
| <b>Print Content</b> | Alpha -numeric code, Barcode -linear/GS1,2D/QR code, Logo/Image, |

|                                  |  |
|----------------------------------|--|
|                                  | Variable data  |
| <b>Material</b>                  | Aluminium alloy  |
| <b>Max number of print heads</b> | 1  |
| <b>Throw Distance</b>            | 2-5mm, recommend 2mm   |
| <b>Max Print height</b>          | 12.7mm (half inch) or 25.4mm (one inch)  |
| <b>Max Print Length</b>          | 2000mm   |
| <b>Resolution</b>                | 150DPI/200DPI/300DPI / 400DPI / 600DPI   |
| <b>Grey level</b>                | 9 levels   |
| <b>Max Print Liner Speed</b>     | 110m/min (fixed data),80m/min (variable data)  |
| <b>Operation System</b>          | Linux  |
| <b>Data Interface</b>            | USB memory   |
| <b>Encoder &amp; Sensor</b>      | Support  |
| <b>Code Type</b>                 | QRCODE, PDF417, DATAMATRIX, DTMX-GS1, UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, ITF14 |
| <b>Image Format</b>              | Jpg <input type="checkbox"/> Png <input type="checkbox"/> Bmp  |
| <b>Data Format</b>               | Excel/csv/txt/log  |
| <b>Electrical supply</b>         | Input <input type="checkbox"/> AC100-240V,50/60Hz ,1.5A<br>Output <input type="checkbox"/> 13.5V/3A  |
| <b>Operation Temperature</b>     | 0-78èF <input type="checkbox"/> 32-446èl <input type="checkbox"/>                                    |
| <b>Humidity</b>                  | 20-80% RH  |
| <b>Controller Size</b>           | 17.9 * 11.5* 3.4 cm  |
| <b>Net Weight</b>                | 1.2kg (controller + print head)  |
| <b>Gross Weight</b>              | 3kg  |
| <b>Package Size</b>              | 46*32*10cm   |



## EconoNova Industries

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**YOUR TRUSTED PARTNER FOR BATCH CODING SOLUTIONS**

## Thermal Inkjet Printer:



## Specifications:

- Print Head: 12.7mm .
- Throw Distance: 2-5mm.
- Print Resolution: 300dpi Maximum.
- Zero Maintenance Printer,Low Cost High Performance Printer.
- Support 1-4 Print Heads Assembly.
- Character Size & Font Style Adjustable.
- Printing Content Multiplex: Text,Date ,Time,Batch Number,Symbol,QR Code,Barcode,DM Code ,Logo & Variable data.
- Cartridge Colour Options: Black,White,Red,Blue,Yellow,Green,Invisible,UV.
- Interface: USB,RS232,Encoder,Photocell,LAN ,Alarm Light.
- Languages: English ,Turkish,Arabic,Korean,Spanish etc.
- The QR Code & Barcode is Print is 100% Readable.
- Message Storage more than 1000 Messages & Expandable By USB Dive.

## Handheld Inkjet Printer: 12.7mm & 25.4mm Print Height.

### Specifications:

- Print Head: 12.7mm & 25.4mm .
- Throw Distance: 2-5mm.
- Print Resolution: 300dpi  
Maximum.
- Zero Maintenance Printer,Low  
Cost ,High Performance Printer.
- Character Size & Font Style  
Adjustable.
- Printing Content Multiplex:  
Text,Date ,Time,Batch  
Number,Symbol,QR  
Code,Barcode,DM Code ,Logo .
- Cartridge Colour Options: Black,White,Red,Blue,Yellow ,Green.
- Languages: English ,Turkish,Arabic,Korean,Spanish etc.
- This Printer We Can Use Manual & For Online Print By Using Conveyor Belt,Printer  
Stand & Product Sensor.
- The QR Code & Barcode is Print is 100% Readable.
- Long Life Battery Endurance :Lithium Battery 2600m Ah, It Be Last 10 Hours After  
Charge.
- Message Storage more than 1000 Messages & Expandable By USB Dive.



# LINX TT 500 PRINTER



**ECONOVA  
INDUSTRIES**

Your Trusted Partner For Batch Coding Solutions



## Low total cost of ownership

- ✓ Operates without compressed air reducing installation and operating costs while maintaining consistent print quality
- ✓ Increased range of printers and ribbons to better meet your application and production line printing needs
- ✓ Optimise ribbon usage with bi-directional stepper motors delivering more prints per ribbon



## Increased uptime

- ✓ Quick and easy ribbon change with a lightweight, simple, push button cassette system
- ✓ Minimal ribbon change intervals and increased production line efficiency with ribbon lengths up to 700m
- ✓ Optimal number of user maintainable parts that are easy to replace



## Ease of use

- ✓ Easy to set and maintain print quality with electronic pressure control
- ✓ Easy ribbon replacements with a simple cassette system designed to minimise errors
- ✓ Easy printer operation delivered by a responsive, intuitive graphic user interface



The Linx TT Series of thermal transfer overprinters provides an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

Designed to deliver a low total cost of ownership and increase your production line output, the Linx TT Series printers are particularly suitable for printing consistent, error free best before dates, batch codes, barcodes, ingredients, logos and other product information.

With an advanced motor drive, enabling operation without compressed air, the Linx TT Series printers print up to 1000 mm/s at widths up to 107mm.

**LINX**

## Linx TT 500

### CONTROLLER TOP ELEVATION



### CONTROLLER FRONT ELEVATION



### PRINTER



### RIBBON CASSETTE



## Technical Specification

**PERFORMANCE** Intermittent and continuous mode in the same printer

Printhead characteristics:

32mm, 200dpi, 8 dots/mm

Print area - intermittent motion mode:

Up to 32mm (W) x 47mm (L)

Print area - continuous motion mode:

Up to 32mm (W) x 100mm (L)

Maximum throughput\*:

150 prints per minute

Ribbon width:

20mm - 33mm

Maximum ribbon length:

700m

Print speed\* - intermittent motion mode:

50mm/sec - 300mm/sec

Print speed\* - continuous motion mode:

40mm/sec - 500mm/sec

Cable length between printer and power supply

unit: 3 metres (5m option)

**GENERAL FEATURES** 5.0" WVGA (800x480) LCD touch screen graphic user interface including WYSIWYG print preview

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection

Lightweight, simple, push button cassette design

On-board diagnostics including printhead health

3 levels of password protection

Multiple operator languages

\*Print speeds and throughput are substrate, application and set-up dependent

### PROGRAMMING AND PRINTING FEATURES

Linx CLARiSOFT® message design software

Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support)

Barcodes EAN-8, EAN-13, UPC-A, UPC-E and QR

Fixed/variable text and numeric fields

User enterable text and numeric fields

Auto incrementing/decrementing text, counters and barcodes

Basic shape drawing

Flexible date/time formats

Auto best before date calculation

Formats for shift coding

Multiple graphic formats supported - any size up to maximum print area

Link fields to databases

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing

Real time clock functions

User configurable drop down lists fields

Radial ribbon save functionality

### MOUNTING OPTIONS

Universal bracket system for integrating printer into intermittent and continuous motion packaging machinery

### RIBBON RANGE OPTIONS

Wax / Resin or Resin ink

Range of colours, lengths and widths

### CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):  
2 PNP inputs

External outputs (fully software configurable):  
2 relay outputs and 2 PNP +24v outputs  
RS232

Ethernet

USB memory stick support

Binary and ASCII communications

Host PC Mode (remote database) using CLARINET® (option)

Claricom CLARiNET® coder independent network management software (option)

Link up to four TT 500 printers to a single user interface

### PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz, 2A

Operating temperature: 0° - 40°C

### REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

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**ECONOVA  
INDUSTRIES**

Your Trusted Partner For Batch Coding Solutions

## Laser Coding Machine:(CO2,Fiber & UV)

### Specifications:

- Laser Type:CO2 Laser
- Laser Power:20w/30w/50w
- Marking Range:110`110mm/150`150mm/175`175mm/200`200mm/300`300mm
- Minimum Line Width:0.01mm
- Minimum Character:0.1mm
- Marking Speed:10000mm/s
- Engraving Line Speed:  $\leq 7000$ mm/s
- Marking Format: Graphics,text,bar codes,two-dimensional code,automatically marking the date,batch number,serial number
- Working Condition Temperature:10<sup>0</sup>C-40<sup>0</sup>C



Some of the CO<sub>2</sub> laser Marking machine applications are listed as below:

- a. All types of Plastics such as PP, ABS, PVC, PBT, PE etc.
- b. Pet Bottles
- c. Glass
- d. Acrylic
- e. Wood
- f. Ceramics
- g. Plastic
- h. Foils & films
- i. Leather and much more

## Customer Service:

Customer Service & Satisfaction are our first priority. Our strong commitment to building and developing long-term relationship with our customer ensures that your needs are at the heart of

any solution we propose.

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