# Sojet MoEco Series

MoEco 2000

20221018

## Sojet

### Thermal Inkjet Printers

The MoEco series TIJ printers from Sojet offer the latest in high resolution printing in a simple and reliable cartridge-based platform at a budget friendly price.  With a wide range of solvent or water-based inks, the MoEco series will meet the requirements for coding and marking on most porous or non-porous substrates.  As the ideal solution for a variety of industries, MoEco TIJ printers are available in 1, 2, or 4 head configurations to accommodate most application requirements.

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## MoEco 2000 & MoEco 4000

- High-Resolution Printing Technology - Up to 1200 dpi
- Large Touchscreen Display - 7 in touchscreen display for easy editing
- Print Height Capabilities - Two or four 1/2 in printheads can be configured separately or together for a max print height of 2 in
- Independent Printhead - Printheads are separated from the controller, multiple configurations possible
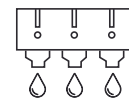- Economical Value - Low cost of ownership with low maintenance costs

**Variable data** – support dynamic data, database printing.

**Independent controller** – 7 inch colorful LCD capacitive screen.

**Maximum printable height 2"** – four combined printheads enable  he printable height to reach 2".

**Independent printhead** – printheads are separated from the controller, multi-combinations, easy operation.

# Technical Specifications

## PRINT TECHNOLOGY

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|---|---|
| Print Technology | HP Thermal Inkjet 2.5 Technology |
| Dimensions | 224 x 151 x 38 mm |
| Print Height | 1-25.5 mm (MoEco 2000) | 1-50.8 mm (MoEco 4000) |
| Multi-Line Printing | Group multiple messages together for multi-line printing |
| Number of Print Lines | 1, 2, 3, 4 or more lines of high resolution codes |
| Print Resolution | Vertical 600 dpi Horizontal 40-1200 dpi (Single head) |
| Maximum Print Speed | Up to 90m/min |
| Time & Date | Real-time internal clock |
| Product Sensor | Built-in optical photo-eye |
| Portal Interface | Ethernet, USB 2.0, and 8 pin + 12 pin aviation connector |
| Display | 7 in |
| Ink Management | Built-in measuring system for ink consumption |
| Low Ink Indicator | Alert on touchscreen display; alarm light beacon is optional |
| Working Environment | '-10°, +55°C |
| Storage Environment | '-20°, +70°C |
| Agency Certifications | CE, FCC |

## SOFTWARE SPECIFICATIONS

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|---|---|
| Time & Date | Custom time and date formatting including expiration date and Julian date |
| Logos | BMP, JPG, PNG |
| Item numbering | Incremental counter for item sequencing or production count |
| Shift Codes | Customizable shift codes times and naming with automatic rollover |
| Barcodes | All standard barcode types including 2D barcodes |
| Printing Features | R-L, L-R, Invert, Rotate, Repeat |
| Message Length | Up to 9.8 ft (3m) |
| Message Storage | Store up to 500 messages |
| Ink Usage | Automatically calculated for each message and displayed on touchscreen |
| Database Capability | Ethernet communication protocol for external communication |
| Languages | English, Korean, and French |

## INK SOLUTIONS

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|---|---|
| Ink Types | Water based and solvent based options |
| Colors | Black, Red, Blue, Yellow, White; other colors available upon request |
| Volume | 42ml ink cartridges or 370ml bulk ink solutions |
| Printable Materials | Porous, semi-porous, and non-porous surfaces |