

INTRODUCING



WinJet II

EXCEEDING THE STANDARDS. ADVANCING THE INDUSTRY.



SYSTEM OVERVIEW

WinJet II is a componentized process control system that includes hardware and software for precise control of printing, barcoding, tracking, and monitoring systems.

WinJet II comes pre-assembled, pre-wired, and pre-plumbed for a quick and easy installation.

“Digital Printing at
Rubber Stamper
Prices.”

HIGHLIGHTS:

- **Capping/Wiping Station:** Automates cartridge maintenance.
- **Auto-Lifting Mechanism:** Allows for varying product thickness
- **Custom Developed Z-Ink:** For optimum contrast, weather resistance, and decap time
- **Vision System:** Monitors print performance and quality.
- **24/7 Superior ongoing customer service and technical support**

WINJET II COMPONENTS & OPTIONS:

- **Ink Jet Printers:** WinJet II replaces the outdated rubber stamper with high speed digital ink jet printers.
- **Integrated Capping/Wiping System:** Caps cartridges when not in use, and cleans them before start up; eliminating need for manual cartridge maintenance.
- **Redesigned Z-Regulators:** Significantly increase the life of the bulk cartridges, dramatically reducing operating costs.
- **Integrated Air Knife:** Clears the incoming board of dust and debris.
- **Multi-Position Ski:** Allows for varying product thickness, and easy access for servicing.
- **Barcoders:** WinJet II controls print and apply barcode systems, or pre-printed barcode applications.
- **Barcode Verifier:** This hardware checks to barcodes applied to each board and reports any errors back to WinJet II.
- **Vision System:** This hardware monitors the print quality, performance, detects any mechanical issues, and reports back to WinJet II.
- **End Waxing:** Automates the process of sealing the ends of the boards to prevent moisture penetrating the board.
- **Reporting:** Keeps users informed of the status of all facets of the system.

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SPECS & ADDITIONAL FEATURES:

- WinJet II is designed to operate inline in a mill at speeds of 250 pieces per minute or greater.
- High Speed Thermal Ink Jet Printers can print 250 distinct messages per minute, and can print 300x150dpi resolution images at 500fpm.
- Designed as a scalable system; easily increase the available print area - with no size limitations!
- Non-buffered System—What is sent is what is printed, with no chance of being out of sequence or losing board data.
- Redundant Grade Stamp feature allows the stamp to be swapped to another bank of printheads, eliminating down-time due to damaged heads.
- No Windows PC Necessary—WinJet II is self-contained with a rugged embedded processor.
- No Client User Interface Necessary—functionality can be fully controlled via PLC.
- Multitude of communication options including Digital Outputs, Ethernet, Serial, and Modbus. *Additional connection options can be implemented on request.*
- Multiple User Interface Panels or client software can connect to update settings or view status.
- I/O monitor and history track all facets of system operation for quick and easy troubleshooting.
- Scan and Print using barcodes for print selection.

