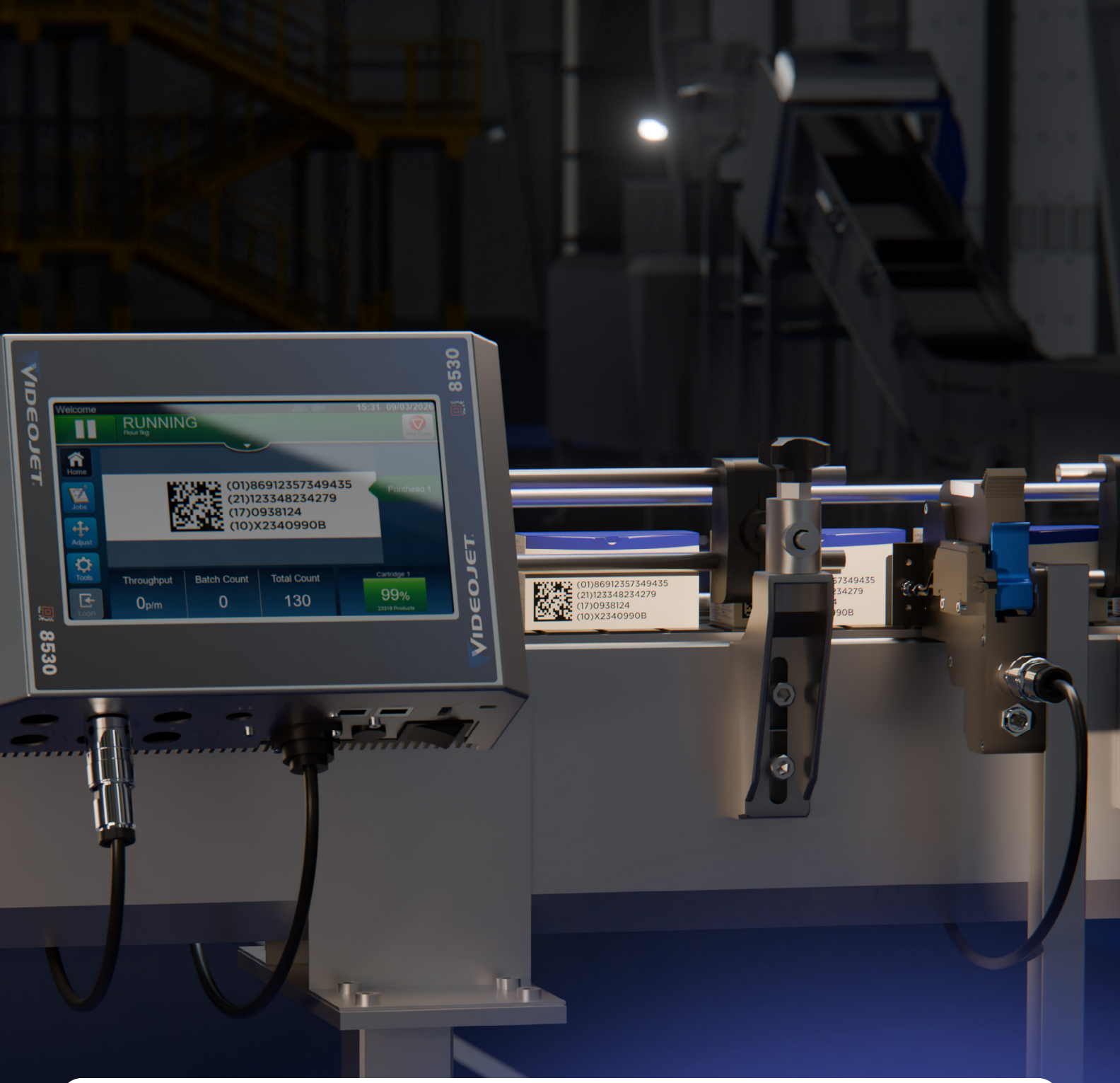


Thermal Inkjet

Videojet® 8530

High-resolution coding you can trust – without slowing your line.

Designed for demanding, high-speed lines

The **Videojet® 8530** delivers crisp, fast-drying, ink-based codes for primary and secondary packaging in pharma, cosmetics, food, beverage, and electronics. From 2D/QR codes to lot numbers, expiration dates, and logos, it prints clearly on plastics, metal, cardboard, and paperboard.

Proven reliability

Coding you can rely on—print after print

- Deliver crisp, high-resolution codes up to 600 dpi, helping ensure consistent readability across small and large fonts
- Print a wide range of barcodes on products and packaging, supporting traceability and compliance requirements
- Maintain accuracy and control from on-cartridge ink level tracking that provides correct ink usage data—even when cartridges are taken out and put back in—reducing unexpected runouts
- Advanced communication for high-speed serialization

Effortless integration

Designed to fit into your line—not disrupt it

- Works seamlessly with existing TIJ environments, protecting previous investments and simplifying upgrades
- Supports industry-standard communication protocols*, making integration with packaging equipment and control systems straightforward
- Easily connects to current production workflows, helping you get up and running faster with minimal engineering effort
- Expanded print capabilities with leader/follower configuration

**Supported protocols include ZBC, ZTC, CimComms, DCP, Wolke Protocol, Sato SPL, Zebra ZPL*

Uptime advantage

Consistent uptime for your production line

- Reduce wear-related failures due to solid-state design with no moving parts
- Minimize maintenance demands with no scheduled replacement parts beyond the ink cartridge
- Support a safer, more efficient production environment due to no-mess operation

An easy-to-use thermal inkjet marking solution

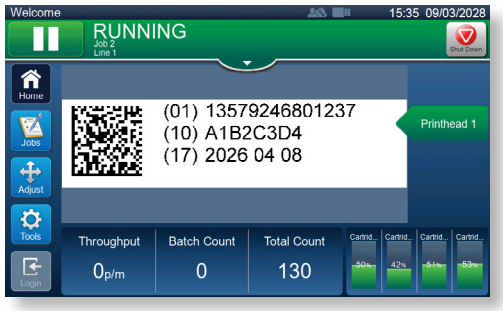
The **SIMPLICiTY™** user interface delivers code assurance out of the box, with error-proofing rules that define editable fields, permissible data types, date range restrictions, and more – greatly reducing printer interactions and potential user errors.

Key features

- **SIMPLICiTY:** An intuitive, easy-to-use interface offers code assurance and guides you every step of the way, simplifying set-up and use
- **Code Assurance:** The system includes wizards and controls to guide operators and prevent coding mistakes, reducing scrap, rework, and costs
- **Ease of Use:** The intuitive user interface requires no specific training, allowing operators to follow instructions easily

Job Content Support

- Text field editing (fixed, variable, date/time, pricing)
- Graphics, logos, product information
- Full barcode suite, including Code128, EAN128, PDF417, GS1 DataBar, DataMatrix, Micro PDF417, QR Model 2, and more



Software and Digital Solutions

VRS (Remote Service)*

Remote Alerts deliver real-time notifications so issues can be addressed before they impact printer performance. Dashboards provide instant visibility into printer status, settings, and performance trends across your plant to enable faster, proactive decisions. Remote Recovery allows Videojet experts or your team to remotely troubleshoot and adjust printers, reducing downtime and avoiding unnecessary service visits.

CLARiSUITE™

CLARiSUITE provides a complete solution for print job management with improved connectivity to data sources, and better monitoring and control of Videojet printers and auxiliary devices.

Videojet Label Creation and Management

Velicity™ Design* is a cloud-based template & label management software. Design enables compliant labels you can trust, with the flexibility to adapt without disrupting your operation. Built-in security and centralized control scale seamlessly as your operations expand.

CLARiSOFT® is intuitive Windows® package coding design software that provides one standard design solution for all your coding operations. CLARiSOFT ensures consistent, accurate messages are applied to the correct packages, even if you utilize more than one type of marking and coding technology in your operation.

**Subject to availability in your region*

Videojet® 8530

Thermal Inkjet

Line Speed / Resolution Capability

Maximum resolution of 600x600 dpi

5-360fpm (1.5-109mpm) at 600x240 dpi

Higher line speeds are possible at lower horizontal print resolutions

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Auto incrementing/decrementing text and counters

Multiple graphic formats supported (up to max. print area)

Advanced communication for high-speed serialization

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417

Print Cartridge

Maximum of four 12.7mm tall, 600 dpi print cartridges (stacked/stitched or deployed independently)

Features available with authentic Videojet TIJ ink cartridges: auto cartridge recognition and parameter set up, ink batch/lot number tracking; portable ink level tracking and enhanced print speeds

Display

8.0-inch (16:9) TFT WVGA (800x480) full-color LCD and touch screen

WYSIWYG print preview

Full on-board diagnostics

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Data Interface

RS232, two independent Ethernet ports, USB memory stick support, Text Communications Protocols

Communications Protocols

Compatible with Videojet CLARiSUITE™

Videojet binary and simple-ASCII protocols

Compatible with any label design software which supports Zebra or Sato print engines

Zebra (ZPL), Sato (SBPL), Wolke Comms, and Markem-Imaje (Cimcomms, DCP) protocol support

Flexible Multi-head Configuration

Support for 1–4 printheads per controller, configured as individual or stitched printheads

Leader/Follower operation enables up to 4 controllers, with up to 4 complete print images across the system. Each image can be configured across one or more stitched printheads.

Controller Dimensions

9.6" (244mm) long; 3.6" (92mm) wide; 6.7" (170mm) high

Dimensions exclude printhead, accessory cables and power supply connections

Printhead Dimensions

Four printhead options are available with different dimensions to meet line integration requirements. The following dimensions are for the Standard Blue printhead: 4.5" (115 mm) long; 4.3" (110 mm) high; 2.4" (60 mm) wide (at rub plate)

Dimensions exclude cartridge and cable connections. Red, Green, and Gold printhead dimensions vary in length and height from Blue printhead.

Temperature Range

41°F to 113°F (5°C to 45°C)

Electrical Requirements

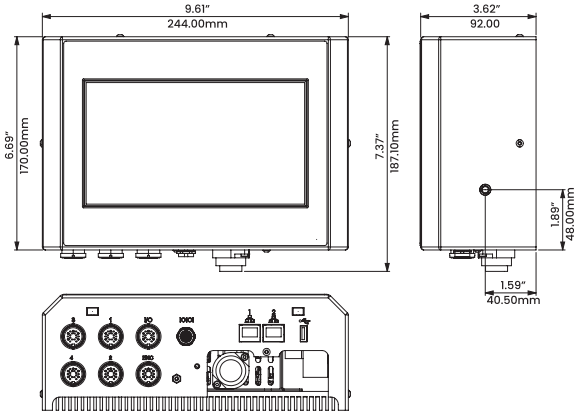
100-240 VAC 50/60Hz

Approximate Weight (Controller)

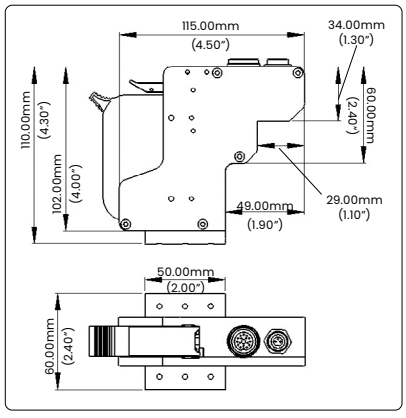
7.0lbs (3.2kgs)

CERTIFIED ISO 9001 DOCUMENTED QUALITY

Controller dimensions:



Standard printhead dimensions:



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Part No. SL000741
br-8530-mea-1026