Consistently high print quality

Reduced cost of ownership

Easy integration

VIDEOJET
Uptime Peace of Mind®

Videojet® 2300 Line
High Resolution Ink Jet Printers

VIDEOJET
Uptime Peace of Mind®

High Resolution
Large Character Printing

The Videojet® 2300 series is a family of three high resolution, large character ink jet printers that provide class-leading, consistent print quality on porous and secondary packaging materials. These systems are designed and manufactured to reliably print accurate, high quality, real time alphanumeric codes, bar codes and graphics with a range of printhead heights to best suit your printing needs.

Replace pre-printed boxes and labels

For printing variable information such as bar codes, dates, ingredients, logos and graphics, the Videojet 2300 series printers combine high resolution printing with a simple user interface, making message selection and printing quick, easy and error-free.

- High resolution text, bar codes, and logos up to 2.7" for a pre-printed look
- Eliminate excess inventory of pre-printed boxes and labels

Consistently high print quality — patented micropurge process

The 180 dpi resolution of the Videojet 2300 line of printers allows for complete generic carton coding at pre-printed quality levels.

- Highest quality bar codes and printed images on every case – even in dusty environments – from unique, automatic, patented printhead micropurging process
- Micropurging reduces operator intervention and simple, regular care helps maintain high print quality and clean operation
- Innovative technology sustains superior print quality, without affecting production speed or throughput
- Robust rounded front plate protects the printhead from case strikes on the production line ensuring reliable coding

Videojet® 2300 Line
High Resolution Ink Jet Printers

Reduced cost of ownership — unique ink-recycling circuit

You buy ink jet printing equipment to put ink on your packaging – not on your production line or on the floor.

Thanks to a unique ink-recycling system, the Videojet 2300s are unique because the ink used for automatic printhead micropurge is recycled and used for printing after careful filtration. Your ink goes where you want it – on your packaging.

- Air-driven ink system eliminates potential downtime from maintenance on pumps, solenoids and other moving parts
- Efficient use of ink and a mechanically simple system mean these printers will always be ready to print the next code without needing human intervention and the associated costs of downtime
- Carton tracking interlock system eliminates risk of dual marking or uncoded product and prevents wasted ink and mess caused by accidental triggering of product photocells
- Advanced date checking algorithms reduce costly operator date coding errors

Easy integration — small, single unit system

Each Videojet 2300 printer consists of a single, compact unit that takes up minimal space on your production line. That single unit contains an intuitive touch screen control system that makes it easy for operators to select the right job without the opportunity for errors created by on-line message creation.

- Clusters of Videojet 2300s can be operated from a single master unit
- Individual printers or clusters can be controlled remotely from factory IT systems, PLC input or other remote computers through built-in network capability
- Optional remote user interface allows for increased flexibility and easy integration into your production line
- Powerful off-board image design provides complete flexibility in message editing and programming, including the full list of TrueType® fonts

Ink Jet. Laser. Thermal Transfer. Labelers. Track & Trace. Supplies. Parts & Service.

Videojet® 2300 Line
High Resolution Ink Jet Printers

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Print Speed
Barcode printing – 0.3 - 33 mpm (1.0 to 108 fpm)
Alphanumeric text – up to 132 mpm (433 fpm)

Print Distance
0.5 mm to 4.0 mm max. (0.02 - 0.15")

Print Area (per printhead)
2340: 17 mm (H) x 2000 mm (L) (0.7" x 78")
2350: 53 mm (H) x 2000 mm (L) (2.1" x 78")
2360: 70 mm (H) x 2000 mm (L) (2.8" x 78")

Printhead
2340: 17 mm (0.7") high 180 dpi
2350: 53 mm (2.1") high 180 dpi
2360: 70 mm (2.8") high 180 dpi

Bar Codes
EAN 8, EAN 13, UPC-A, UPC-E, Code 39, GS1-128, Code 128, ITF, DataMatrix, RSS14, PDF417, GS1-Databar

Operator Interface
Full-color 5.7" LCD touch-panel CLARiTY® interface
Job selection and database support as standard
WYSIWYG print preview
3 user-levels of password protection
On-board diagnostics

Graphics, Images and Logos
Multiple graphic formats supported using CLARiSOFT®

Printing Capabilities
Claricom CLARiSOFT® Package Coding Design Software
Full downloadable font support for TrueType®
Scalable text including rotation, mirror and inverse printing
Auto real time and date functions
Auto best before date calculation and concession management
Auto incrementing & decrementing text, counters and bar codes
Hour, day of week, day of month, week of year, month of year, year of decade and Arabic date support
Start of day, shift codes, factory, machine, line ID
Field Orientation: 0°, 90°, 180°, 270°

Languages
English, Arabic, Chinese (Mandarin), Danish, Dutch, Finnish, French, Hungarian, Italian, Japanese, German, Greek, Polish, Portuguese, Russian, Spanish, Swedish and Turkish

On-Board Memory
128MB memory, CompactFlash®

Inputs / Outputs
Integral Print Sensor standard
Print go input (24V PNP or volt-free)
Encoder input (24V single / quadrature)
Line select input (up to 16 lines)
Fault output (volt-free)
Warning output (24V PNP)
Spare output (24V PNP)

Supported Field Types
Fixed, variable (user entered), merged, database, counters, date, offsets, time, paragraph (Text Blocks)
Basic shape drawing (circles, rectangles etc.)

External Data Communications
RS-232 point-to-point communications
Ethernet 10/100 Base TX network communications
Binary and ASCII comms protocols and Windows drivers
Host PC mode (Remote Database) using CLARiNET®
USB connectivity for job download and software updates

Master/Slave Functionality
Up to (4) printheads in master/slave mode
Group job selection function and group printer control function

Network Control Software
Claricom CLARiNET® network management software
CLARiTY® Configuration Manager
'Off-Line' set up and parameter storage available as standard

Ink/Ink System
Non-toxic, suitable for food packaging
Non-pressurized, screw-in canister

Power Supply
90-264VAC, 47-63 Hz, 140VA (max)

Air Supply
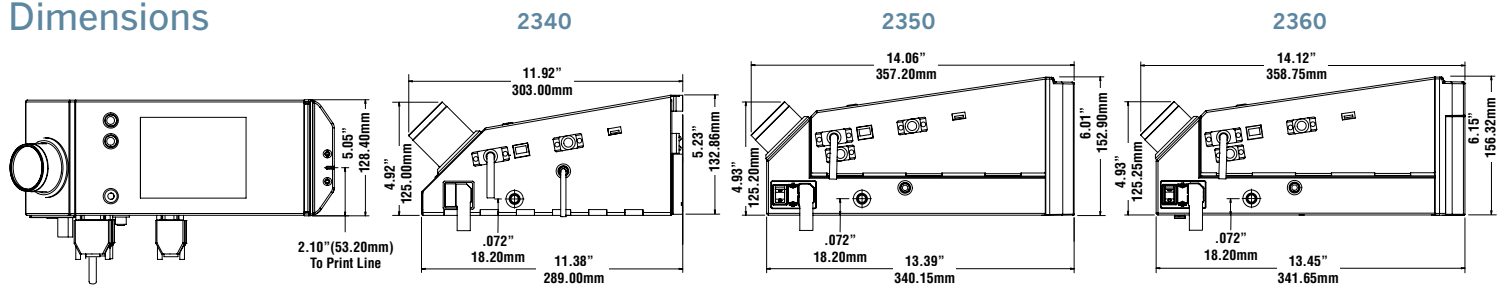6 Bar, 90psi, dry, uncontaminated

Operating Temperature
10°-35° C (50°-95° F)

Approvals
CE/UL60950:2000 (3rd edition)

CERTIFIED
ISO 9001
DOCUMENTED QUALITY

Dimensions

2340

11.92" / 303.00mm
5.05" / 128.40mm
5.23" / 132.86mm
4.92" / 125.00mm
.072" / 18.20mm
11.38" / 289.00mm
2.10"(53.20mm) To Print Line

2350

14.06" / 357.20mm
6.01" / 152.90mm
4.93" / 125.20mm
.072" / 18.20mm
13.39" / 340.15mm

2360

14.12" / 358.75mm
6.15" / 156.32mm
4.93" / 125.25mm
.072" / 18.20mm
13.45" / 341.65mm