Large Character Ink Jet

Videojet® 2300 Line

The 2300 Line of large character printers deliver high quality codes on cases and cartons, helping to reduce costs associated with pre-printed cases and labels.

The Videojet 2300 Line of large character ink jet printers are ideal for printing variable information such as bar codes, dates, ingredients, logos and graphics on cases and shipping cartons. Combining high resolution printing with a simple user interface, these printers make message selection and printing quick, easy and virtually error-free. The 2300 Line printers deliver high resolution text, bar codes, and logos up to 2.8" for a pre-printed look. Offering true generic case coding opportunity, they help eliminate excess inventory of pre-printed boxes and labels and their related expense.

Uptime Advantage

- Consistent print quality from patented micropurge process — even in dusty environements
- 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, helping to ensure reliable coding

Built-in productivity

- Micropurge feature minimizes need for operator intervention, allowing personnel to focus on other critical production tasks
- Replace pre-printed cases and labels and print variable information including bar codes, graphics and text on-line
- 180 dpi resolution allows for complete generic case coding at pre-printed quality

Code Assurance

- Videojet CLARiTY™ interface helps get the right code in the right place on the right product, time after time
- Simple, intuitive software reduces the potential for operator errors
- Easily set message parameters and limit operators to pre-specified data ranges to help avoid errors

Simple usability

- Single, compact unit that takes up minimal space on your packaging line
- Intuitive touch screen control makes it easy for operators to select and print the right job
- Multiple printers can be operated from a single master unit, or can be controlled remotely from a central location

Videojet 2300 Line
Large Character Ink Jet printing

Print Speed
Bar code printing – 0.3 - 66 mpm (1.0 to 216 feet/min.)
Alphanumeric text – up to 132 mpm (433 feet/min.)
Speeds are density dependent

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"), 180 dpi
2350: 53 mm (H) x 2000 mm (L) (2.1" x 78"), 180 dpi
2360: 70 mm (H) x 2000 mm (L) (2.8" x 78"), 180 dpi

Bar Codes
PTI compliant, GS1-128, ITF-14 (UCC case code), SSCC-18, EAN13, UPC-A, UPC-E, EAN8, DataMatrix, Code 128, I 2 of 5, Code 39, others as required

Operator Interface
Full-color 5.7" LCD touch-panel Videojet CLARiTY™ interface
Job selection and database support as standard
WYSIWYG print preview
Code Assurance
On-board diagnostics

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

Printing Capabilities
CLARiSOFT® Package Coding Design Software
Full downloadable font support for TrueType® fonts
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

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

On-Board Memory
512 MB memory, CompactFlash®

Inputs / Outputs
Multiple inputs and outputs available. Contact Technical Support or see Service Manual for details.

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

Connectivity
Up to (4) printheads in master/follower mode
Group job selection function and group printer control function

Network Control Software
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; 115 ml or 365 ml
Colors available: black, blue, green, orange, purple, red, yellow

Power Supply
90-264VAC, 47-63 Hz, 140VA (max)
0.7 maximum amps required

Air Supply
6 Bar, 90psi, dry, uncontaminated

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

Weight
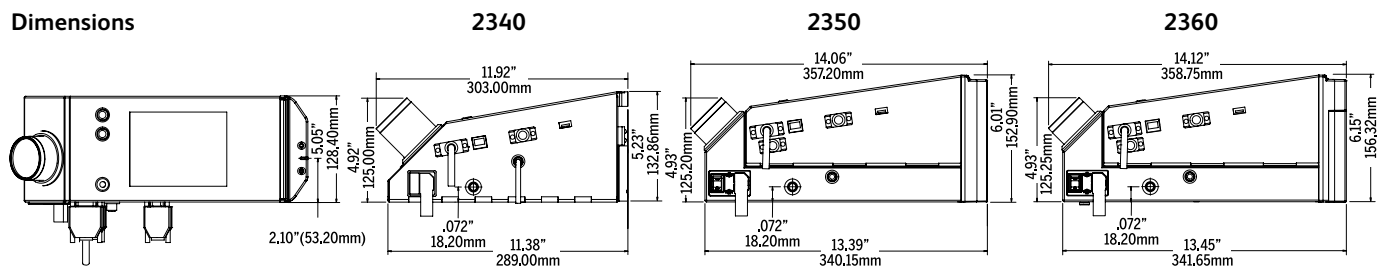**2340 -** Boxed 12 lbs (5.4 KG); Unboxed: 8 lbs (3.6 kg)
2350/60 - Boxed: 12 lbs (5.4 kg); Unboxed: 9 lbs (4.1 kg)

Approvals
CE/UL60950:2000 (3rd edition)

CERTIFIED ISO 9001 DOCUMENTED QUALITY CE TÜV

Dimensions

2340
11.92" 303.00mm
5.05" 128.40mm
4.92" 125.00mm
5.23" 132.86mm
2.10"(53.20mm)
.072" 18.20mm
11.38" 289.00mm

2350
14.06" 357.20mm
4.93" 125.20mm
6.01" 152.90mm
.072" 18.20mm
13.39" 340.15mm

2360
14.12" 358.75mm
4.93" 125.25mm
6.15" 156.32mm
.072" 18.20mm
13.45" 341.65mm

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