VIDEOJET®

Dual Printhead, Small Character Ink Jet Printing

- **Dual omni-directional printheads**

- **Prints three lines of code from each printhead**

- **Easy to read backlit LCD display**

- **High-resolution printing on any substrate**

- **Suitable for a wide range of industries, including food and beverage, pharmaceuticals, automotive parts, steel products, electronics and many more**

The Flexibility of Two Heads, The Reliability That is Videojet

There are many dual-headed coders to choose from, but which coder to choose is easy. The Videojet EXCEL® 273se system prints three lines of code from each head, has extended bar code capability, and gives you a host of other great features. But its best features are the flexibility of two heads and the reliability you expect from Videojet, the world leader in ink jet printing.

Moisture-resistant membrane keyboard

Backlit LCD display

Rust-resistant stainless steel cabinet

Two compact, omni-directional printheads

Designed for Growth

With two heads and three lines of code from each, you have the flexibility to deliver more information, code in two locations at the same time, or print two different codes. Best of all, you have the flexibility to change as your needs change and your business grows. That's the advantage of the reliable, easy to use, Videojet Excel 273se printer. Unsurpassed flexibility is your best investment for tomorrow.

Sophisticated, Yet Easy to Use

For all it does, the Excel 273se printer is remarkably easy to operate. That's because easy-to-follow prompts lead your operator through every important function, and the prompts appear on an illuminated LCD display that can be read in virtually any light. The code is displayed before it's printed, so input corrections can be made without wasting time or product. Fewer errors mean higher productivity.

Clear, Legible Images Every Time

To ensure the superior print quality and clear readability of every code, the Videojet Excel 273se system comes with SurePrint® software. With SurePrint, you get superior ink control for higher resolution and clearer print quality, regardless of your substrate or application. The Excel 273se printer is also capable of bolderizing all or part of a code and vertical tower printing. Its built-in bar code capabilities conform to international requirements (EAN-8, EAN-13, EAN-128, Code 39, Interleaved 2 of 5, UPC-A).

Options Make it Even Better

The Excel Series 273se printer can be equipped with a rolling piston Autoflush™ system for single-button start up. You may never need to stop your line to clean a printhead again. Overall maintenance costs are also reduced. For applications demanding both printheads work in perfect harmony, the optional Synchro-Card control system guarantees that both printheads print code on each product and that serialized messages always are identical to each other. In addition, Synchro-Card memorizes the exact location to begin printing for use in web applications. Less maintenance, greater reliability and higher productivity are all yours with the Videojet Excel 273se ink jet printer.

Long Life and Less Waste

The Excel 273se printer has a stainless steel, drip- and rust-resistant cabinet and a rugged, vinyl-covered armored umbilical cable. It also eliminates waste disposal problems because it consumes virtually all of its ink. This system provides years of reliable, trouble-free operation with virtually no waste.

Videojet TotalSource® Services

The **Total**Source system is the finest and most complete technical support program in the business. It includes everything from expert applications assistance, operator training and a full spectrum of maintenance services. The TotalSource program ensures total customer satisfaction. **Support when and where you need it**

Videojet e-Commerce

Today, US customers enjoy the speed and convenience of the Videojet e-commerce system. You can order Videojet parts and accessories at the speed of demand, 24/7. You can also check your purchasing history and shipping information instantly. With the click of a mouse, the boundaries of procurement have been removed.

Click. Buy. Done.™
Order on line at www.videojet.com

Console Dimensions

8.75" (222 mm)

Front View

34" (864 mm)

20" (508 mm)

Side View

Mounting Dimensions

14" (356 mm)

32.75" (832 mm)

Printhead Dimensions

1.38" (35 mm)

6.8" (173 mm)

Specifications

Line Speed Capability
5×5 matrix: up to 916 ft./min. (278 m/min.)
5×7 matrix: up to 611 ft./min. (185 m/min.)
7×9 matrix: up to 203 ft./min. (62 m/min.)
10×16 matrix: up to 157 ft./min. (48 m/min.)
16×24 matrix: up to 55 ft./min. (17 m/min.)
Tri-Line: up to 110 ft./min. (34 m/min.)

Print Rate
Up to 1832 characters per second, depending on font

Font Matrix Configuration
5×5, 5×7, 5×7 twin-line, 5×7 tri-line, 7×9, 10×16, and 16×24

Bar Code Fonts
Code 39, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, and UPC-A (with human readable characters)

Optimal Character Height
$1/16$ inch (1.6 mm) to more than $1/4$ inch (6.4 mm)

Keyboard
66 alphanumeric and special character keys on moisture and ketone resistant, membrane-type keyboard; security features

Display
40-character eight-line illuminated (back-lit) LCD display

Custom Logo/Graphics
Available; languages other than English available

Custom Characters
Keyboard programmable characters

Data Interface
128-character ASCII code; Programmable via keyboard or RS232C at baud rates selectable up to 19.2 kbps for each serial interface connector; two independent ports standard

Standard Message Storage
32 message storage capacity; additional message storage capacity available

Console
Free-standing/wall-mountable stainless steel cabinet; dimensions: 34 inches (864 mm) high, 20 inches (508 mm) wide, 8 ¾ inches (222 mm) deep

Printheads
Two compact, stainless steel 1.38 inch (35 mm) diameter printheads; omnidirectional capability; printheads programmed independently

Printhead Cables
Two vinyl-covered armored conduits, 20 feet (6.1 m) in length; one to each printhead

Ink
Wide range of formulations and colors

Ink Consumption
Virtually all ink is consumed, eliminating hazardous waste disposal. Consumption rate is up to 67.5 million characters per quart, depending on ink, stroke setting and other adjustments

Ink Containers
One quart (.95 liter) bottles each, ink and make-up fluid; five-gallon make-up container available

Product Detection
Ability to accommodate one or two product detectors and/or encoders

Accessories
Printhead stand; wide range of product detectors; encoder; alert light; voltage regulators

Temperature/Humidity Range
40°F to 110°F (5°C to 43°C); 10% to 90% RH without condensation

Air Requirements
80 psi minimum (5.35 bars), depending on ink 2.5 SCFM maximum (4,247 l/hr.), dry, oil free, filtered air

Electrical Requirements
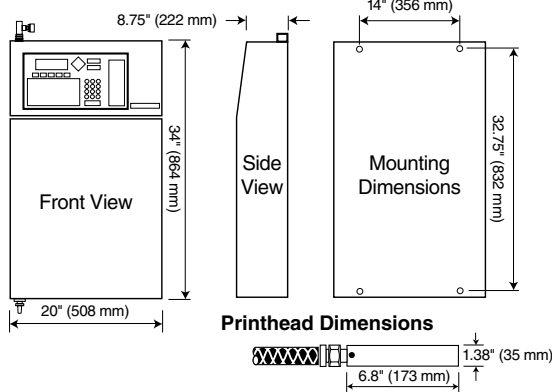Nominal 110 or 240 VAC at 50/60 Hz; 75 watts

Approximate Weight
120 lbs. (55 kg) unpacked, 182 lbs. (83 kg) packed

Options
• Auto flush system to flush the nozzle and ink return line with make up fluid
• Synchro-Card