Small Character Ink Jet Printing

- *Coding flexibility with single or twin-line printing*
- *Easy to integrate into a network*
- *Automated features increase productivity*
- *High quality, repeatable images*

Versatile and Affordable Ink Jet Printing

The Videojet® 37 Series Ink Jet Printers

If you need performance and value in an ink jet printing system that is also incredibly easy to use, find out what the Videojet 37 Series ink jet printers can do for your operation. These systems deliver increased productivity and output, are compatible with more high-speed applications, yet keep the operator interface at the simplest possible level. The Videojet 37 Series printers are complete, non-contact systems that print a variety of codes and messages in one- or two-line formats with a full range of features to accommodate your specific coding requirements. If you need value, performance and simplicity, we have the system for you.

20 character, four line LCD display

90-key sealed membrane keyboard

Wall mountable stainless steel cabinet (painted cabinet available)
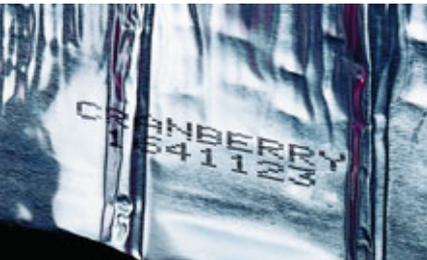
Flexible positioning printhead

Performance You Can Count On

The Videojet 37 Series printers are for people who demand more of everything. That's why we offer stainless steel or corrosion-resistant cabinets, and the most durable components, including a sealed keyboard, streamlined hydraulics and a refined, stainless steel printhead. In addition, we've given you the option of using shop air or the printer's own industrial-grade air compressor. All this contributes to a system that enhances our reputation for reliability where it counts…on your production line.

Coding Flexibility To Meet Your Needs

The Videojet 37 Series printers define coding flexibility by providing more options to meet your specific objectives. You can chose from single- or twin-line print formats, and the 37plus model offers selective "bolderization" utilizing larger characters to add distinctive touches to your products for greater code visibility and integrity.

Enhance Your Product Image

For printing quality that enhances the value of your products, our "continuous ink jet" technology delivers consistent, repeatable codes via a patented single-nozzle design. Videojet's SurePrint® software ensures that print quality is always at it's best, resulting in crisp, clear codes from the first to the last code of the day.

Friendly Design Maximizes Uptime

When operator intervention is required, the Videojet 37 Series printers make it fast and easy. We've added a variety of features to keep your system up and running. These include a built-in, easy-to-read, full-size keyboard; a backlit LCD readout that lets operators spot coding errors before printing; special eye-level "guiding lights" on the keyboard that prompt the operator for proper program sequencing and stored message retrieval; and an operating system that enables codes to be created, edited and printed with just a few keystrokes.

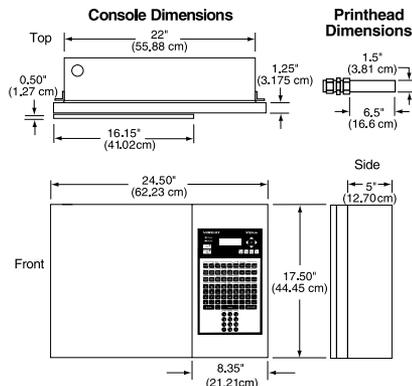## Automated Features Boost Productivity

One unique feature of the 37 Series printers is the ability to customize coding. Programmable shift codes allow the printer to automatically update the work shift as products are manufactured, so you can track products more accurately. Programmable Date Rollover automates customized date changes to adapt to the special needs of your operation. Automatic Expiration Date continually updates "use-by" messages, ensuring accuracy and reducing the need for operator intervention. By creating, editing and storing messages and message parameters, you can change applications with a few simple keystrokes.

Integrates Into Your Network

A serial communication data interface makes it easy to link the Videojet 37plus printer into your computer network, accessing all functions from a remote location. The ability to create and download host data, or data from linked devices like weighing or counting machines, means you'll virtually eliminate data entry duplication while maximizing performance.

Smart Solutions For Every Coding Challenge

Our rugged 12-foot umbilical cable enables convenient placement of the printhead at almost any point in the production process. This flexible cable lets you easily integrate and configure the system according to your needs.

Console Dimensions

Top — 22" (55.88 cm) — 1.25" (3.175 cm) — 0.50" (1.27 cm) — 16.15" (41.02cm)

Printhead Dimensions

1.5" (3.81 cm) — 6.5" (16.6 cm)

Front — 24.50" (62.23 cm) — 17.50" (44.45 cm) — 8.35" (21.21cm)

Side — 5" (12.70cm)

Videojet TotalSource® Service

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

C E R T I F I E D
ISO 9001
DOCUMENTED QUALITY

Specifications

Line Speed Capability
37plus: 5x7 matrix, single line: 300 ft./min. (91 m/min.) 5x7 matrix, twin line: 209 ft./min. (64 m/min.); 7x9 matrix, single line: 223 ft./min. (68 m/min.); 10x16 matrix, single line: 209 ft./min. (64 m/min.). Speeds for 5x7 and 7x9 matrix based on 10 characters per inch (4 characters per cm); 10x16 matrix speed based on 5 characters per inch (2 characters per cm).

37e: 7x9 matrix, single line: 123 ft/min. (37 m/min.) 5x7 matrix, twin line: 119 ft./min. (36.6m/min). Based on 4 characters per cm, 10 characters per inch.

Print Rate
37plus: Up to 837 characters per second (twin line) and 600 characters per second (single line).

37e: Up to 497 characters per second (twin line) and 248 characters per second (single line).

Nominal Character Height
0.11 inches (2.8 mm) to 0.24 inches (6 mm) single line, 0.11 inches (2.8 mm) twin line at 0.5 inches (1.3 cm) distance from printhead to substrate.

Keyboard
80 (37e) or 90 (37plus) keys on a moisture and ketone resistant, sealed membrane keyboard.

Display
20 character, four-line, LCD display.

Language Versions
Over 20 language versions available.

Console
Free standing or wall mountable stainless steel cabinet. Dimensions: 17.5 inches (44.5 cm) high, 24.5 inches (62.3 cm) wide, 7 inches (17.8 cm) deep.

Printhead
Compact, strong and light. Dimensions: 6.5 inches (16.6 cm) in length, 1.5 inches (3.8 cm) in diameter.

Printhead Cable
Vinyl-covered armored conduit. Dimensions: 12 feet (3.7 m) in length, 6 inch (15 cm) bend radius.

Ink/Makeup
Wide range of formulations, colors and applications. Make-up consumption is up to 100 hours per quart (0.95 l) depending upon ink, stroke setting and environmental conditions. Ink and make-up supply furnished in 1 quart (0.95 l) containers.

Product Detection
Requires one product detector.

Accessories
Floor, wall-mount or table printer stands. Printhead stand. Optional: Alert light. Wide range of product detectors. Encoder. Industrial Compressor. Power Conditioners. External 5-gallon (18.9 l) make-up kit.

Data Interface (37plus only)
128 character ASCII code; RS 232 at baud rates selectable up to 19.2 kbps.

Message Storage (37plus only)
Multiple message storage. All message parameters saved.

Temperature Range
40˚F to 110˚F (5˚C to 43˚C).

Humidity Range
10% to 90% relative humidity, without condensation.

Air Requirements
30 PSI (2.08 bar) minimum to 50 PSI (3.43 bar) maximum, 0.7 SCFM maximum at 40 PSI.

Electrical Requirements
90 to 260 VAC, 50/60 Hz. Power consumption 30 watts maximum.

Shipping Weight
80 lbs. (36.6 kgs.).

VIDEOJET®