

## SMALL CHARACTER INK JET PRINTING

### Videojet Excel Series 2000

- Robust IP65 wash down standard
- Low cost of ownership
- Ability to code bright colours onto dark surfaces



Identify with Videojet, world leaders in coding and marking solutions.  
For more information please call +44 (0)870 240 5542,  
or visit our website - [www.videojet.co.uk](http://www.videojet.co.uk)

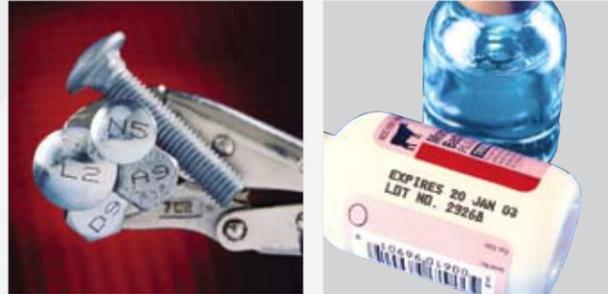


**Mixed Sources**  
Product group from well-managed  
forests, controlled sources and  
recycled wood or fiber

The Videojet Excel 2000 and 2000 Opaque ink jet printers deliver the highest degree of reliability and print quality at the speeds you need. They have been specifically designed to work long and hard in tough environments. They will code reliably in a variety of applications where speed, quality of code and flexibility are key factors.

#### Superior Reliability

The Videojet Excel 2000 printer is built to stand up to the most demanding production environments with a cabinet constructed of stainless steel and meets IP65 wash-down standards. Printer up-time and reliability are improved by the Autoflush system, incorporated into the dye-based model. The Autoflush system eliminates daily printhead cleaning. The result is low maintenance, reduced operating costs and increased up-time especially in high volume environments.



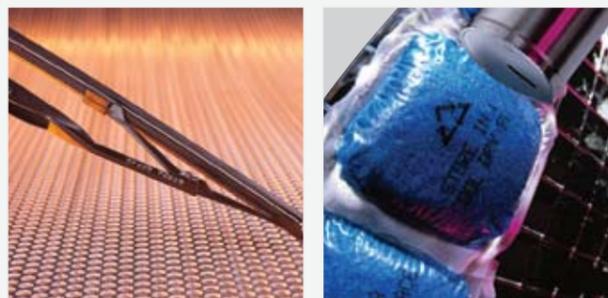
#### Enhanced Standard Features

The Videojet Excel 2000 series of printers deliver maximum message flexibility by allowing for one to four lines of print from a single printhead. The Excel 2000 printer can store up to 224 messages that are available with a few simple keystrokes. This system can also print logos, standard barcodes, variable data and information supplied through the Enhanced Serial Interface.



#### Improved Print Quality

The Videojet Excel 2000 printer has improved print quality with Accudrop character generation. This software feature, along with an improved printhead design, means better print quality, at line speeds up to 278m/min (916 feet/minute). This allows printing at high line speeds without sacrificing print quality.



#### High Contrast Coding

You can apply bright coloured, readable codes onto dark surfaces - even four line messages - with the Videojet 2000 Opaque ink jet printer. The Opaque system prints codes on a wide variety of dark substrates at high speeds and with excellent resolution. In addition, the Excel 2000 Opaque provides a variety of software features in other units, including: dual expiration dates, alpha hour and month inserts, production shift timers, automatic date rollover and many more.



#### Increased Up-time

The Videojet Excel 2000 Opaque printers hydraulic system allows the use of pigmented inks and eliminates constraints previously associated with pigmented systems. There is no need to periodically drain the system and make up consumption has been dramatically reduced. The Excel 2000 Opaque printers fresh ink recirculation system maintains uniform pigment distribution in the ink supply bottle with no mechanical stirring mechanism. The system automatically keeps the ink supply in optimum condition, reducing maintenance time and costs.



# VIDEOJET Excel Series 2000

## Print Specifications

### Font Matrix/Line Speed Capability

- Standard software includes—Interleaved 2 of 5, Code 39, Code 128, EAN-8 and EAN-13 (includes UPC-A.). Optimal Character Height 1/16 inch (1.6 mm) to more than 1/3 inch (8.4 mm).

### Print Rate

- Up to 1832 characters per second, depending on font.

### Font Matrix Configuration

- 2 inches (51 mm) per printhead, up to two printheads per cabinet

### Font Matrix Configuration

- 5x5, 5x7, 6x7, 5x5 twin-line, 5x7 twin-line, 7x9, 10x16, 16x24, 5x7 tri-line, 5x5 quad-line.

### Bar Code Fonts

- Windows® TrueType® fonts

### Bar Codes

- Standard software includes—Interleaved 2 of 5, Code 39, Code 128, EAN-8 and EAN-13 (includes UPC-A.). Optimal Character Height 1/16 inch (1.6 mm) to more than 1/3 inch (8.4 mm).

### Custom Graphics

- Flexible logo, graphics, and character storage. Keyboard programmable characters.

### Data Interface

- 128-character ASCII code; programmable via keyboard or RS232 at baud rates selectable up to 19.2kbps.

### Standard Message Storage

- Message storage capacity to 224 messages

### Keyboard/Display

- 66 Alphanumeric and special character keys on wash down and ketone resistant, membrane-type keyboard. Security features. 40-character, eight-line, illuminated(backlit) LCD display.

### Printheads/Cable

- Printhead, 6.8 inches (173 mm) long, 1.375 inches (35 mm) in diameter. Cable, vinyl-covered armored conduit in 20 feet (6.1 m) length. Omni-directional set-up

### Language Versions

- U.S. English, UK English, German, French, Spanish, Portuguese, Dutch, Italian, Swedish, Danish & Finnish

### Temperature/Humidity Range

- 40° F to 110° F (5° C to 43° C), 10% to 90% RH without condensation

### Air Requirements

- 65 to 85 psi minimum (4.3 to 5.7 bars), depending on ink. .7 SCFM maximum (1,189 l/hr); dry, oil-free, filtered air.

### Electrical Requirements

- Nominal 110 – 240 VAC at 50/60 Hz; 75 watts.

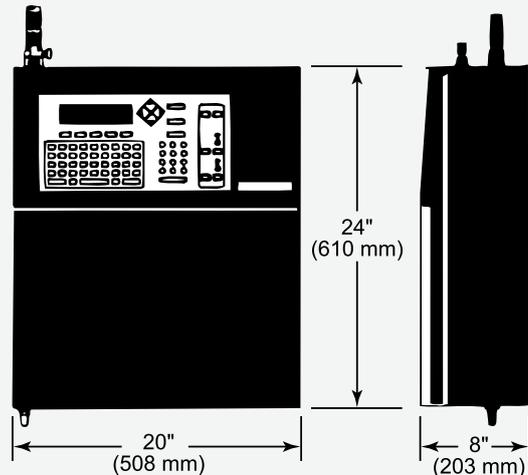
### Approximate Weight

- 82 lbs. (37.2 kg) unpacked. 100 lbs. (45.4 kg) packed.

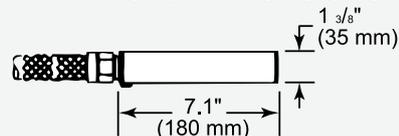
### Dynamic Environmental Compensation

- The hardware, software, and electronics of the Videojet Excel 2000 series of printers are designed to provide flexibility when operating in applications with changing environmental conditions.

## Console Dimensions



## Printhead Dimensions



## Complete Customer Care

At Videojet we offer you a world leading after sales service. You have the opportunity to take maximum advantage of the full Videojet bundle of products and services to obtain superior product marking and coding with maximum equipment uptime.

Our families of green, environmentally friendly fluids, have been helping customers meet and exceed their expectations and

objectives for years. We can also provide inks with fewer or no volatile organic compounds (VOCs) enforcing our commitment to a greener code.



© 2008 Videojet Technologies Inc. – All rights reserved. Videojet Technologies Inc.'s policy is one of continued improvement. We reserve the right to alter design and/or specifications without notice. Videojet, and TotalSource are registered trademarks and Connector is a trademark of Videojet Technologies Inc. CompactFlash is a registered trademark of the CompactFlash Association.



Identify with Videojet, world leaders in coding and marking solutions.

For more information please call +44 (0)870 240 5542,

or visit our website – [www.videojet.co.uk](http://www.videojet.co.uk)

