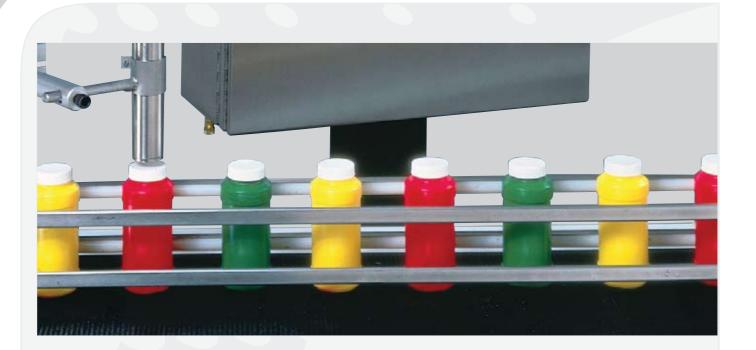# SMALL CHARACTER INK JET PRINTING

Videojet Excel 170i UHS

- Multiple line codes from a single printhead

- Reduced maintenance through an automatic printhead cleaner

- Quality codes every print with SurePrint intelligent software

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

The Videojet EXCEL 170i Ultra high speed ink jet printer allows fast, multiple-line printing to be easily incorporated into high-speed production environments. It will print alpha-numerics, bar codes and custom logos in a variety of adjustable character formats at production-line speeds of more than 330m (1,100 feet) per minute. A back-lit display and easy to follow prompts reduces code entry errors.

Fast and with proven quality

The Videojet Excel Ultra High Speed (UHS) is the sprinter in the Excel series. Videojet makes use of established systems while continuing to develop high-quality technology. The Excel UHS is particularly suitable for data coding on extremely fast-moving filling systems.
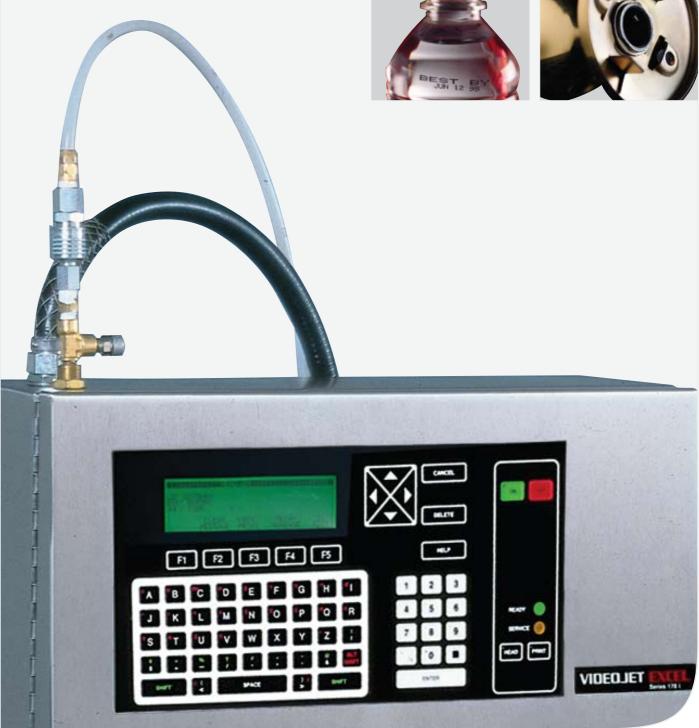

High drop frequency

The speed of the Excel UHS is achieved by means of a high drop frequency of 80 kHz. This means that, during one-line printing with a 5 x 5 matrix, a coding rate of up to 338m/min can be achieved. 3 lines are printed at a speed of up to 90m/min in a 5 x 7 matrix. Depending on the requirements, all printing lines can be printed in normal or bold font. Important data can therefore be emphasised.

Versatile

Here too, it is possible to print on almost all surfaces at top speeds. Coding can contain bar codes, logos, part numbers and expiry dates and is printed automatically.

- Fast even when printing multiple lines and in bold

- Drop frequency of up to 80 kHz

- Maximum speed of 338 m/min

- Enhancement of proven high-quality technology

VIDEOJET Excel 170i UHS

Print Specifications

Line Speed Capability
● Able to print 1 to 3 lines of print at speeds up to 1,111 feet per min. (338 m/min.); @10 characters per inch. For precise speeds / matrices that relate to your specific application, please contact your Videojet Sales Engineer.

Print Rate
● Up to 2,222 characters per second, depending on font and matrix selection

Nominal Character Height
● Selectable from 0.05" (1.33 mm) to 0.24" (6.1 mm)

Keyboard
● 66 alphanumeric and special character keys on moisture and ketone-resistant, membrane-type keyboard, security features, optional language versions

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

Custom Characters
● Keyboard programmable characters; custom logos/graphics

Data Interface
● 128-character ASCII code; RS 232 at baud rates selectable up to 19.2 kbps

Printhead Cable
● Vinyl-covered armored conduit 20 feet

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

Ink Consumption
● Up to 125 million characters per litre of ink depending upon ink, stroke setting and adjustments
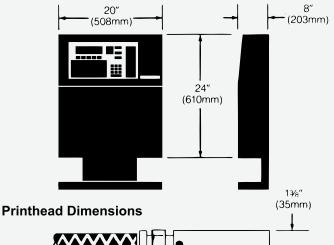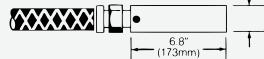
Temperature/Humidity Range
● 40°F to 110°F (5°C to 43°C); 10% to 90% RH without condensation

Air Requirements
● 65 to 85 PSI minimum (4.3 to 5.7 bars), depending on ink; 0.7 SCFM max. (56.6L/min.) dry, oil-free, filtered air

Console Dimensions

20" (508mm)   8" (203mm)
24" (610mm)

Printhead Dimensions

1⅜" (35mm)
6.8" (173mm)

Electrical Requirements
● Nominal 110 to 240 VAC, 50/60 Hz.

Shipping Weight
● Unpacked 82 lbs. (37 kg) Packed 100 lbs. (45 kg)

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.

CERTIFIED ISO 9001 DOCUMENTED QUALITY   CE   UL LISTED   CSA   TÜV PRODUCT SERVICE   GS

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