

# Videojet Excel® DN

Small Character Ink Jet Printer

## Ink Jet.

Laser.

Thermal Transfer.

Labelers.

Track & Trace.

Supplies.

Parts & Service.

The Videojet Excel® DN is ideal for customers who want to print multi-line messages at high speeds or need to print complex codes combining text, logos and even bar codes. Built with the robustness of the time-tested Excel Series printers, the Excel DN easily meets today's coding requirements, and will fulfill future needs as well.

## Advanced capabilities

- Up to 8 lines of code with speeds up to 916 ft./min. (279 m/min.)
- Tall and bold codes with superior print quality at high speeds

## Versatile and flexible

- On-board logo capability allows creation of logos for regulatory requirements, product decoration or branding
- Utilizes Excel family of more than 135 proven fluids formulations for any application



## Consistent, easy operation

- Bright backlit display for easy reading in any environment
- Compact flash cards make set-up, back up cloning and upgrading multiple units quick and easy
- Excel reliability delivers superior uptime in high throughput environments

**VIDEOJET**  
Uptime Peace of Mind®

XYZ EXTRUSION

BEST BY 11-1-11  
1245AB 12/24  
WHOLE KERNEL CORN  
PLANT 1

©  
LOT 12345678 PRODUKT 1234567

EXP 15 10  
123456789ABC  
RECYCLE MI #0, 10

### Line Speed Capability

Can print 1 to 8 lines of print at speeds up to 916 ft./min. (279.1 m/min.) (10 characters per inch, single line of print)

### Print Rate

Up to 1,833 characters per second, depending on font selections

### Font Matrix Configuration

Single-line: 5x5 Accudrop™, 5x7, 6x7, 7x9, 10x16, 16x24  
Twin-line: 5x5 Accudrop™, 5x7  
Tri-line: 5x7  
Quad-line: 5x5

### Bar Codes

Interleaved Two of Five (ITF 2 of 5); UPC A; EAN 8 & 13; Code 128; EAN 128; Code 39; 2D Data Matrix

### Nominal Character Height

Selectable from 1/16th inch (1.6 mm) to more than 1/3 inch (8.4 mm), depending on matrix selected

### Keyboard

Membrane style with tactile feedback including 70 numeric, alphabetic, and special function keys. PC style layout, to approximate international PC convention. Keyboard is wash-down and solvent resistant.

### Display

320 x 240 backlit monochrome display, 5.7" (144 mm), measured diagonally  
Display is wash-down and solvent resistant

### Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

### Languages

English, Arabic, Chinese, Danish, Dutch, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Spanish, Swedish, Thai, Turkish

### Data Interface

Connector™ via RS232, RS485 and Ethernet with optional hardware  
Optional Remote Data serial port

### Message Storage

Can store up to 250 messages using CompactFlash® memory cards

### Console Dimensions

Stainless steel  
24" (610 mm) high  
20" (508 mm) wide  
7.8" (199 mm) deep

### Environmental Protection

IP65 and IP54 options available

### Printhead

Stainless Steel  
Diameter: 2.2" (57 mm)  
Length: 7.8" (199 mm)

### Printhead Umbilical

Flexible PVC tubing, reinforced by rigid PVC spiral  
Dimensions: Length 19.7 ft (6 m)  
Diameter: 1.05 in (26.7 mm)  
Bend radius: 7.0" (178 mm)

### Fluids/Consumption

Wide range of formulations and colors. Up to 67.5 million characters per quart of ink, depending on ink, stroke, setting and adjustments

### Temperature/Humidity Range

40° F to 110° F (4.4° C to 43.3° C)  
10% to 90% RH non-condensing

### Air Requirements

65 to 85 psi minimum (4.5 to 5.9 bars), depending on ink. 0.8 SCFM max for IP65 and 1.0 SCFM max for IP54; dry, oil-free, filtered air.

### Electrical Requirements

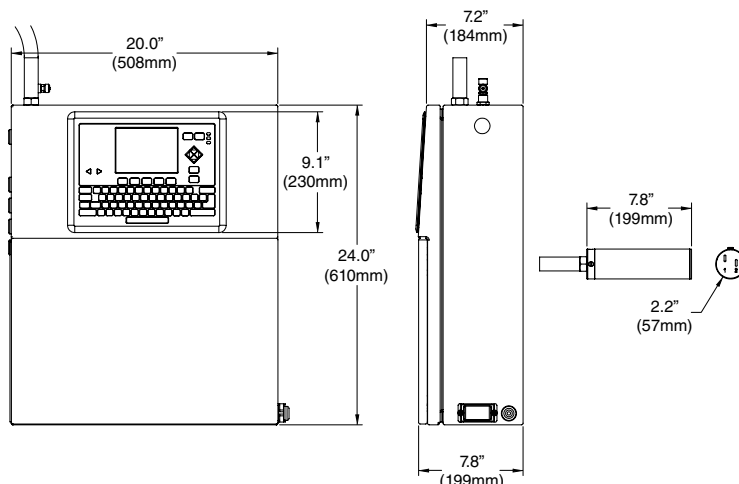
Nominal supply power 100 to 240 VAC at 50/60 Hz., 75 watts max.

### Approximate Weight

Unpacked and dry: 70.0 lbs. (31.5 kg)  
Packed and dry: 92.6 lbs. (42.0 kg)



## Dimensions



800-843-3610

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