

# Videojet Excel® UHS

Ultra High Speed Ink Jet Printer

## Ink Jet.

Laser.

Thermal Transfer.

Labelers.

Track & Trace.

Supplies.

Parts & Service.

The Videojet EXCEL® Ultra High Speed ink jet printer allows fast, high-quality, multiple-line printing to be easily incorporated into high-speed production processes. The EXCEL UHS printer can print alpha- numerics, bar codes, and custom logos in a variety of adjustable character formats at production-line speeds of more than 1,100 fpm (330 mpm).

## Advanced capabilities

- Up to three lines of print from a single printhead
- Multiple-line messages and bolderization on demand
- Small, high resolution codes in nearly any environment

## Versatile and flexible

- Serialize, automatically advance expiration dates, print part numbers, batch codes and messages on almost any surface
- Widest range of industry-leading fluids



## Consistent, dependable operation in any environment

- SurePrint® software automatically monitors and adjusts ink viscosity
- Autoflush™ option automatically cleans printhead, nozzle and return line at shutdown for reduced maintenance, increased uptime

**VIDEOJET**  
Uptime Peace of Mind®



### Line Speed Capability

Can 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

### Font Matrix Configuration

5x5, 5x7, 6x7, 5x7 twin-line, 5x7 tri-line, 10x16, 16x24

### Bar Codes

Interleaved Two of Five (ITF 2 of 5)

### Optimal Character Height

Selectable from 0.05" (1.27 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/Logos/Graphics

Keyboard programmable characters; custom logos/graphics

### Languages

English, Danish, Dutch, French, German, Italian, Portuguese, Spanish, Swedish

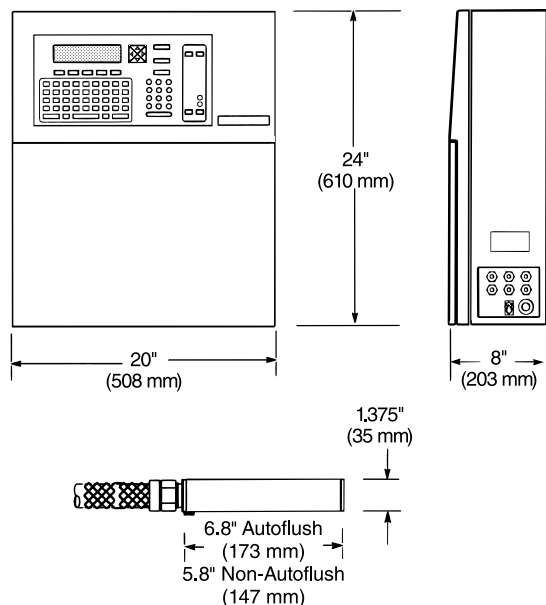
### Data Interface

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

### Message Storage

Thirty-two 62-character single-line messages; or thirty-two 124-character twin-line messages; thirty-two 186 character triple-line messages

## Dimensions



### Console Dimensions

Stainless steel  
24" (610 mm) high  
20" (508 mm) wide  
8" (203 mm) deep

### Environmental Protection

IP54

### Printhead

Stainless Steel  
Diameter: 1.375" (35 mm)  
Length: 6.8" (173 mm)  
omni-directional capability

### Printhead Cable

20-foot (6.0 m) vinyl-covered armored conduit

### Fluids

Wide range of formulations and colors

### Fluids/Consumption

Up to 125 million characters per quart of ink (0.95 L) depending on ink, stroke setting and adjustments

### Temperature/Humidity Range

40° to 110°F (5° to 43°C)  
10% to 90% RH non-condensing

### Air Requirements

65 to 85 PSI minimum (4.3 to 5.7 bars), depending on ink; 0.7 SCFM max. (19.8 L/min.) dry, oil-free, filtered air

### Electrical Requirements

Nominal 110 to 240 VAC, 50/60 Hz

### Approximate Weight

Unpacked and dry: 82 lbs. (37 kg)  
Packed and dry: 100 lbs. (45 kg)



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