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®

Videojet Excel® UHS
Ultra High Speed Ink Jet Printer

Ink Jet. Laser. Thermal Transfer. Labelers. Track & Trace. Supplies. Parts & Service.

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
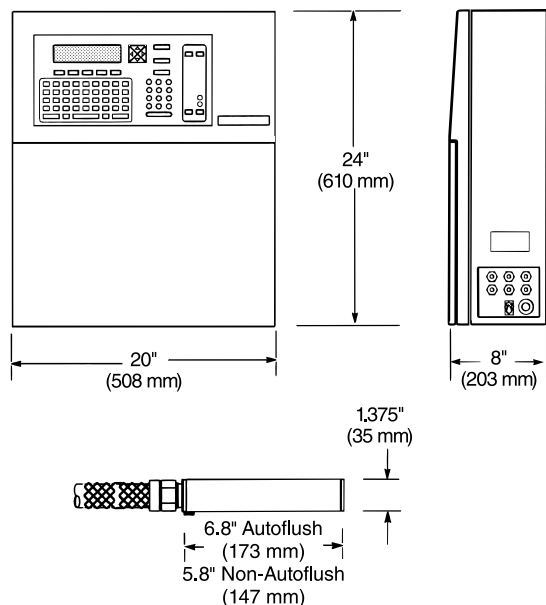
Data Interface

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

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)

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

Dimensions

24" (610 mm)

20" (508 mm)

8" (203 mm)

1.375" (35 mm)

6.8" Autoflush (173 mm)
5.8" Non-Autoflush (147 mm)

VIDEOJET®
Uptime Peace of Mind®

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Green PEACE OF MIND