

Superior stability and
excellent print quality

Continuous Inkjet
Videojet® 1040



The continuous inkjet printer specifically designed to deliver the proven Videojet performance for general coding needs at great value.



Videojet has been committed to providing quality printing technology for over 40 years to manufacturers, both small and large, across the world. Now, Videojet has developed the 1040 continuous inkjet (CIJ) printer, specifically designed to meet the needs of small and medium sized manufacturers. Don't accept unplanned downtime and frequent printhead cleaning. Don't accept inconsistent code quality. And don't accept mess and waste in your production. The Videojet 1040 CIJ printer addresses these challenges, delivering superior performance stability and consistent high-quality printing.

Printer Stability

- Auto-cleaning printhead delivers up to 12 days of continuous use without cleaning
- Dynamic Calibration™ automatically adjusts printing parameters for changing temperature or humidity conditions without manual operator intervention
- Reliable start-up and print following extended shutdown up to two days

Print Quality

- Accurate drop placement technology provides precise character formation in multiple printing environments at multiple speeds
- Nozzle technology enables different size characters for high-quality codes on both primary products and outer cases

Fewer Coding Mistakes

- Visual job selection and layout preview helps operator ensure the correct codes will be printed
- Guided data entry and automatic date and time inserts help reduce risk of waste and rework from incorrect codes
- Auto Coding functionality uses the optional product detector to adjust to changing line speeds without the need for an encoder

Simple Usability

- Intuitive 7" color touchscreen is easy to operate with fewer steps to input codes, requiring less operator training
- Smart Cartridge™ fluid delivery system ensures correct fluids are being used
- Modular design makes spare parts replacement easy for fast recovery from downtime

No mess, no waste, no mistakes

The Smart Cartridge™ fluid delivery system contains a microchip that ensures the correct fluids are being used and alerts operators if the wrong cartridge is inserted.

A unique design ensures all fluids are drained from the cartridges with no waste, maximizing consumption and saving costs.



Inks for unparalleled performance

Our chemically advanced and proven inks are designed for today's applications and production environments to deliver optimal performance and maximum uptime.

- Rigorously tested across a variety of environmental conditions
- Chemical compatibility between fluids and hardware helps prevent premature deterioration
- Compliant with stringent purity and filtration standards and 100% batch testing


Unique printhead innovation

Auto-cleaning functionality helps to reduce ink build-up inside the nozzle, enabling printers to run longer between cleaning intervals.

Accurate drop placement technology uses advanced software algorithms to control the flight path of individual ink drops for excellent code quality in a variety of printing environments at multiple speeds.



Videojet® 1040 print sample guide

Description	Print sample
Single line 5x5	ABCDEFGH abcdefg 12345 5X5
Single line 5x7	ABCDEFGH abcdefg 12345 5x7
Single line 7x9	ABCDEFGH abcdefg 12345 7X9
Single line 9x12	ABCDEFGH abcdefg 12345 9X12
Single line 10x16	ABCDEFGH abcdefg 12345 10X16
Twin line 5x5	ABCDEFGHIJKLMN OP 1234567890 5X5
Twin line 5x7	ABCDEFGHIJKLMN OP 1234567890 5X7
Twin line 7x9	ABCDEFGHIJKLMN OP 1234567890 7X9
Twin line 9x12	ABCDEFGHIJKLMN OP 1234567890 9X12
Twin line 12x16, 5x7	2016/06/01
Inverted/reversed characters Accommodates product lines going any direction and products in various orientations on the production line	IMAEKI TEXT TEXT 3293V39
Graphics and logos	

All images printed at 60dpi

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Line speed capability

Can print 1 to 2 lines of print at speeds of up to:
Single line max speed = 130m/min (426.5ft/min)
Twin line max speed = 50m/min (164ft/min)

Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 9x12, 12x12, 12x16
Twin-line: 5x5, 5x7, 7x9, 9x12, 12x12

Nominal character height

Selectable from 0.079" (2mm) to 0.295" (7.5mm), depending on font

Throw distance

5mm to 15mm (0.20" - 0.59") with the print quality optimized for 12mm (0.47")

User interface options:

178mm (7.0") TFT-LCD touch screen with easy operability and fewer steps to input codes

Character sets

Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Hebrew, East European and European/American

Languages and interface options

English, Arabic, Bulgarian, Czech, French, Greek, Hebrew, Hungarian, Polish, Portuguese, Russian, Spanish, Thai, Turkish and Vietnamese

Data interface

USB 2.0

Message storage

Up to 15 messages

Environmental protection

IP43 standard; no plant air required; stainless steel cabinet

Printhead

Heated printhead
Nozzle size: 60 micron

Printhead umbilical

Ultra flexible
Length: 2m (6.6'), MEK resistant

Fluids containers

Ink Smart Cartridge™ 750ml (0.793 qt.)
Make-up Smart Cartridge™ 750ml (0.793 qt.)

Temperature/humidity range

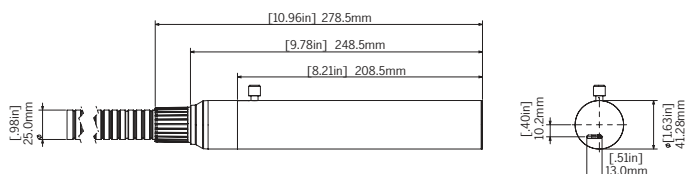
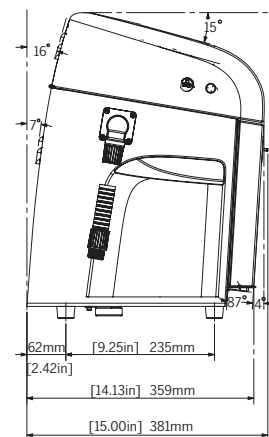
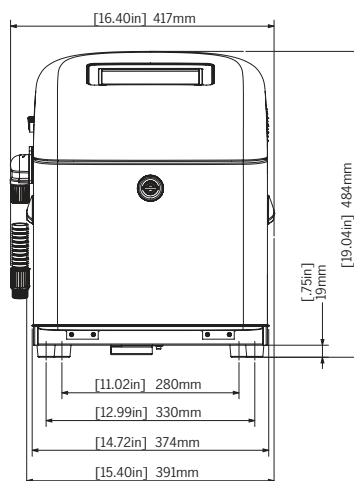
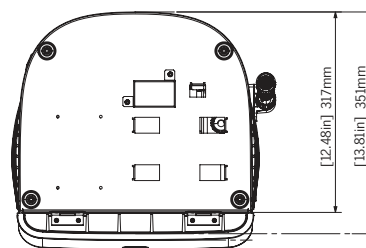
5°C to 45°C (41°F to 113°F)
0% to 90% RH non-condensing

Electrical requirements

Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz.,
60W nominal

Approximate weight

15kg (33.1lbs.)

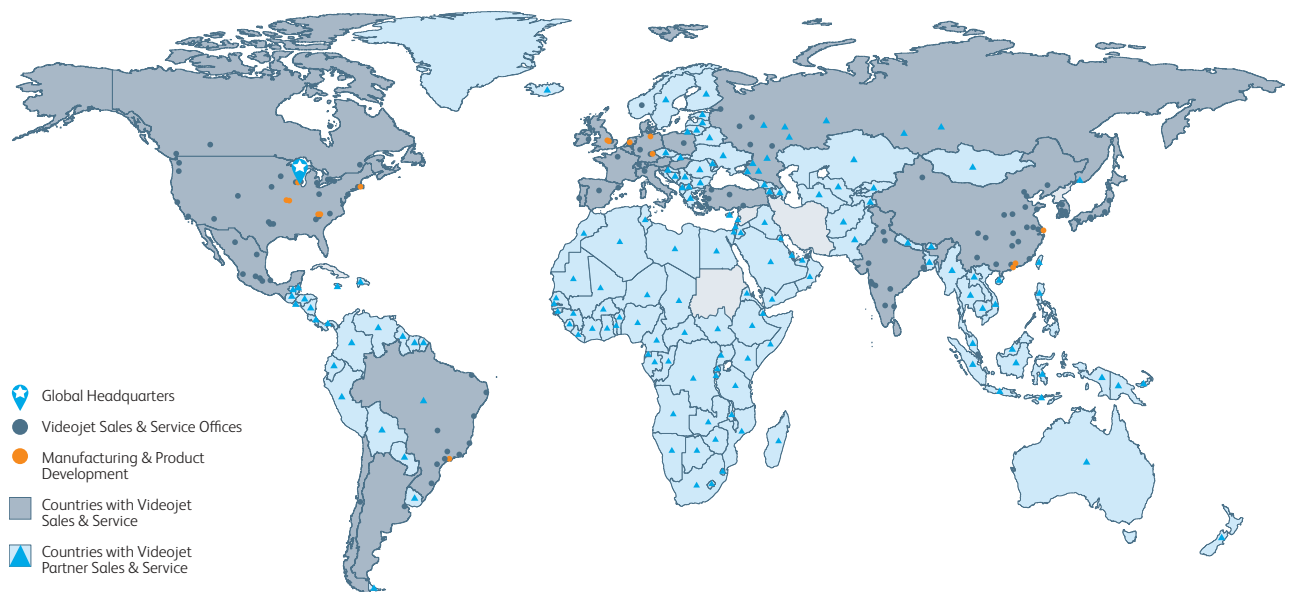


Peace of mind comes as standard

Videojet Technologies is a world-leader in the product identification market, providing in-line printing, coding, and marking products, application specific fluids, and product life cycle services.

Our goal is to partner with our customers in the consumer packaged goods, pharmaceutical, and industrial goods industries to improve their productivity, to protect and grow their brands, and to stay ahead of industry trends and regulations. With our customer application experts and technology leadership in Continuous Inkjet (CIJ), Thermal Inkjet (TIJ), Laser Marking, Thermal Transfer Overprinting (TTO), case coding and labeling, and wide array printing, Videojet has more than 325,000 printers installed worldwide.

Our customers rely on Videojet products to print on over ten billion products daily. Customer sales, application, service and training support is provided by direct operations with over 3,000 team members in 26 countries worldwide. In addition, Videojet's distribution network includes more than 400 distributors and OEMs, serving 135 countries.



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