



Continuous Inkjet

# Videojet® 1040



# Proven Videojet performance for general coding needs at great value



Specifically designed to meet your needs, the Videojet 1040 eliminates the compromises that small- and medium-sized manufacturers face utilizing other entry-level printing solutions.

The 1040 delivers unparalleled value through versatility, simplicity and robust operation.

## **Robust operation**

- Auto-flushing 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 normal weekend shutdowns

## **Print capabilities and quality**

- Up to 3 lines of print for increased content and more complex codes
- Proven nozzle technologies deployed for consistent print quality for general coding needs
- Nozzle technology enables different size characters for high-quality codes on both primary products and outer cases

## **Eliminate coding mistakes**

- Help operators ensure correct codes will be printed through visual job selection and layout previews
- Reduce risk of waste and rework from incorrect codes, with guided data entry and automatic date and time inserts
- Auto Coding functionality uses the optional product detector to adjust to changing line speeds without the need for an encoder

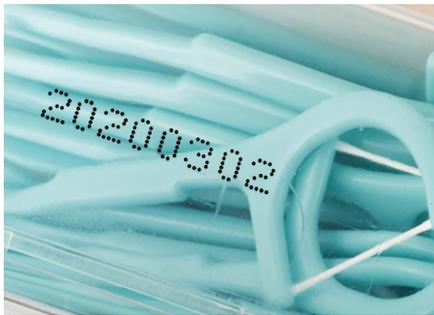
## **Simple usability**

- Easy to operate intuitive 7" color touchscreen results in fewer steps to input codes and less operator training
- Ensure correct fluid usage through Smart Cartridge™ delivery system
- Modular design helps ensure rapid recovery from downtime through quick and easy spare parts replacement

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

Consistent code quality in a variety of environments at multiple speeds is controlled using advanced software algorithms.



# Videojet® 1040 print sample guide

Description	Print sample
Single-line 5x5	ABCDEFGH abcdefg 12345 5X5
Single-line 7x5	ABCDEFGH abcdefg 12345 7x5
Single-line 9x7	ABCDEFGH abcdefg 12345 9X7
Single-line 12x9	ABCDEFGH abcdefg 12345 12X9
Single-line 16x10	<b>ABCDEFGH abcdefg 12345 16X10</b>
Twin-line 5x5	ABCDEFGHIJKLMN OP 1234567890 5X5
Twin-line 7x5	ABCDEFGHIJKLMN OP 1234567890 7X5
Twin-line 9x7	ABCDEFGHIJKLMN OP 1234567890 9X7
Twin-line 12x9	ABCDEFGHIJKLMN OP 1234567890 12X9
Arabic character 9 high	ا ب ت ث ج ح خ د ذ ر ز س ش
Twin-line 12x12	小字符喷码机 稳定性好打印质量高
Twin-line 16x12,7x5	小字符喷码机 2016/06/01
Tri-line 5x5	ABCDEFGHIJKLMN OP VIDEOJET TECHNOLOGIES 1234567890 5X5
Tri-line 7x5	ABCDEFGHIJKLMN OP VIDEOJET TECHNOLOGIES 1234567890 7X5
Inverted/reversed characters Accommodates product lines going any direction and products in various orientations on the production line	IMAEKL 1EXL TX3T 3293V3R REVERSE TEXT TX3T 3293V3R
Graphics and logos	

All images printed at 60dpi

# Videojet® 1040

## Continuous Inkjet

### Line speed capability

Can print 1 to 3 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)  
Tri-line max speed = 27m/min (89ft/min)

### Font matrix configuration

Single-line: 5x5, 7x5, 9x7, 12x9, 12x12, 16x12  
Twin-line: 5x5, 7x5, 9x7, 12x9, 12x12  
Tri-line: 5x5, 7x5

### 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

Chinese, 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

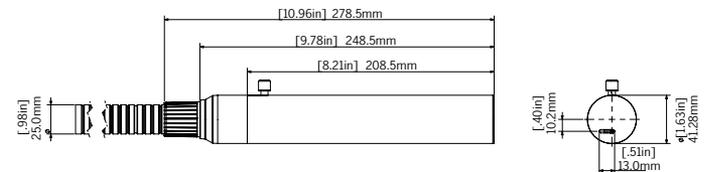
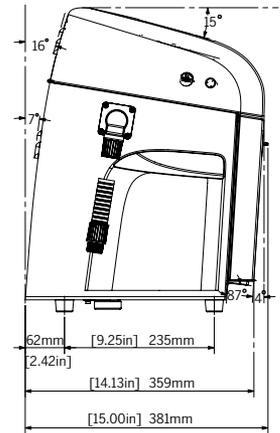
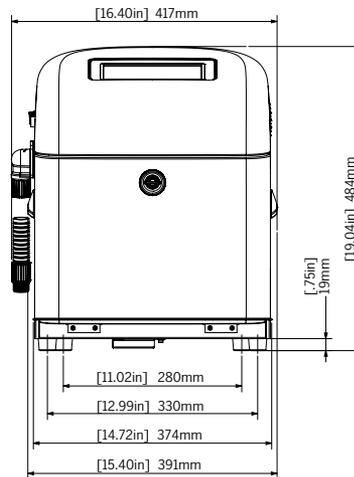
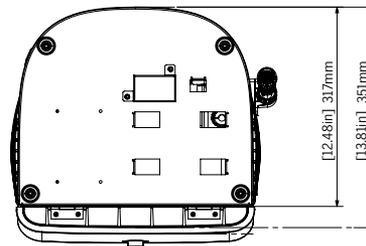
Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz.,  
60W nominal

### Approximate weight

15kg (33.1lbs.)



### Dimensions

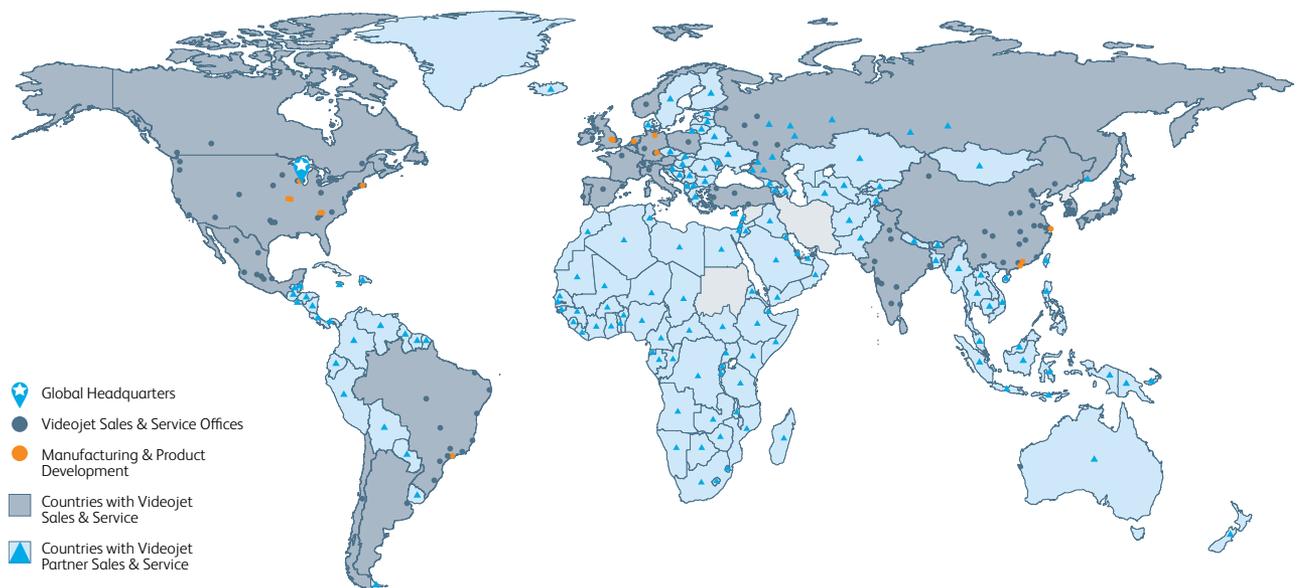


# Peace of mind comes as standard

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 345,000 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 4,000 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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