



Continuous Inkjet

# Videojet® 1220

**Simpler operation. Less maintenance. Superior print quality. The Videojet 1220 is engineered to keep your line up and running longer.**

Designed for customers who print six to eight hours per day, five days per week, the Videojet 1220 Continuous Inkjet printer provides up to 9,000 hours of production before required preventive maintenance. The 1220 is specifically designed to meet basic coding and production applications across a wide range of substrates. It is ideal for single to multiple shift applications, operating at moderate line speeds.



## Uptime Advantage

- Advanced core technology includes all ink system filters and common wear parts
- Intervals of up to 9,000 hours between preventive maintenance
- Auto cleaning printhead for fast start-ups, even after extended shutdowns
- Optional internal air pump eliminates need for external air, minimizing potential for contaminants to enter the ink stream

## Built-in productivity

- Ideal solution for a range of slow to moderate speed applications
- Print 1 to 5 lines of print for a range of coding needs
- Smart Cartridge™ fluid delivery system to virtually eliminate spills and help ensure the correct fluids are being used

## Code Assurance

- Multiple password protected access levels to system control menus help avoid unintentional input errors
- Storable print messages with pre-set and calculated fields minimize required user input

## Simple usability

- Bright display with WYSIWYG and function keys for easy operation
- Store up to 100 complex messages for easy recall – store even more messages using a standard USB memory stick
- User levels to separate operation from installation and maintenance

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## Continuous Inkjet

### Line speed capability

Can print 1 to 5 lines of print at speeds of up to 533 fpm (162.5mpm)  
(10 characters per inch, single line of print)

### Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 8x12, 11x16, 17x24, 25x34  
Twin-line: 5x5, 5x7, 7x9, 8x12, 11x16  
Tri-line: 5x5, 5x7, 7x9  
Quad-line: 5x5, 5x7  
Five-line: 5x5

### Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C;  
UCC/EAN 128; Code 39; Code 93; Interleaved 2 of 5

### DataMatrix codes

10x10, 12x12, 14x14, 16x16, 18x18, 20x20, 24x24, 34x34

### Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

### Throw distance

Optimal: 0.472" (12mm)  
Range: 0.197" (5mm) to 0.591" (15mm)

### Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

### Display

320x240 Bright blue backlit 5.7" LCD display.  
WYSIWYG onscreen message editing

### Custom logo/graphics

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

### Character sets

American, Arabic, Bulgarian, Chinese, East European, European, Greek, Hebrew, Hungarian, Italian, Japanese, Japanese/Kanji, Japanese/Katakana, Korean, Russian, Simplified Chinese, Scandinavian, Thai, Traditional Chinese, Turkish, Vietnamese

### Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

### Message storage

100 complex messages; unlimited storage using USB  
Standard USB with logo and memory backup features

### Environmental protection

IP55; stainless steel cabinet

### Printhead

Heated printhead  
Diameter: 1.6" (41.3mm)  
Length: 9.5" (241.0mm)

### Printhead umbilical

Ultra flexible  
Length: 6.56' (2m)  
Diameter: 0.91" (23mm)  
Bend radius: 4.0" (101.6mm)

### Make-up fluid consumption

As low as 2.4ml per hour

### Fluids containers

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

### Temperature/humidity range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

*With selected inks; actual installation may require additional hardware based on production environment conditions*

### Electrical requirements

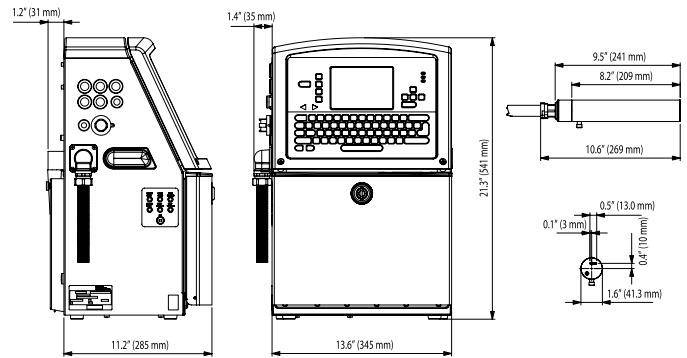
Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz, 120 W

### Approximate weight

Unpacked and dry: 39.68lbs. (18kg)

### Options

Positive air pump  
Dry air kit for high humidity (requires plant air)  
Product detect, relay, RS 485 expansion board  
RS232, encoder, beacon expansion board  
9.8-foot (3 m) umbilical  
60 or 70 micron nozzle  
Food grade version  
90 degree printhead  
Wide range of accessories



CERTIFIED  
ISO 9001  
DOCUMENTED QUALITY



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