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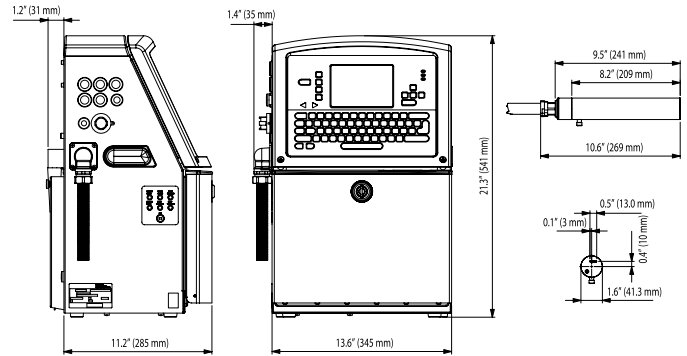
Electrical requirements
Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz., 120 W

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 CE cULus

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