Simpler operation. Less maintenance. Superior print quality. The all-new Videojet 1220 continuous ink jet printer is engineered to keep your line up and running longer. It’s designed for customers who print six hours to eight hours per day, five days per week — providing 9,000 hours* of production before required preventive maintenance.

**Advanced capabilities**
- Up to 3 lines of code with speeds up to 533 ft./min. (162 m/min.)
- Standard USB with logo and memory back up

**Low running costs**
- Longest run time between maintenance – 9,000 hour* core life
- Smart Cartridge™ fluid delivery system reduces waste

**Superior environmental protection**
- IP55 washdown protection standard

*9,000 hours or 3 years, whichever comes first
Line Speed Capability
Can print 1 to 3 lines of print at speeds of up to 533 fpm (162.5 mpm) (10 characters per inch, single line of print)

Font Matrix Configuration
Single-line: 5x5, 5x7, 7x9, 11x16, 17x24
Twin-line: 5x5, 5x7, 7x9
Tri-line: 5x5, 5x7

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

Nominal Character Height
Selectable from 0.079” (2 mm) to 0.279” (8.5 mm), depending on font

Throw Distance
Optimal: 0.472” (12 mm)
Range: 0.197” (5 mm) to 0.591” (15 mm)

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, Simplified 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” (41.3 mm)
Length: 9.5” (241.0 mm)

Printhead Umbilical
Ultra flexible
Length: 6.56’ (2 m)
Diameter: 0.91” (23 mm)
Bend radius: 4.0” (101.6 mm)

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

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: 39.68 lbs. (18 kg)

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

Dimensions

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