The Videojet 1620 Continuous Inkjet printer is designed for more demanding applications including high speed applications and around-the-clock operation. Patented CleanFlow™ and Dynamic Calibration™ technologies allow for longer runs without intervention. The 1620 is the standard for high throughput coding applications in production environments around the world.

**Uptime Advantage**
- CleanFlow™ technology resists ink buildup that can cause ordinary inkjet printers to shut down
- Long run time between preventive maintenance; up to 14,000 hour core life
- Internal pump means no external air, minimizing potential for contaminants to enter ink stream
- Auto cleaning printhead for fast start-ups, even after extended shutdowns

**Built-in productivity**
- Dynamic Calibration™ adjusts jetting parameters automatically to help ensure high quality print
- 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
- Easy Videojet CLARISOFT™ and CLARISUITE® integration allows for remote control of advanced code functionality

**Simple usability**
- Bright display with WYSIWYG and function keys for easy operation
- Store up to 250 complex messages for easy recall – store even more messages using a standard USB memory stick
- User levels to separate operation from installation and maintenance
Videojet® 1620
Continuous Inkjet

**Line speed capability**
Can print 1 to 5 lines of print at speeds of up to 960ft./min. (293 m/min.) (10 characters per inch, single line of print)

**Font matrix configuration**
- Single-line: 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34
- Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16
- Tri-line: 5x5, 4x7, 5x7, 7x9
- Quad-line: 5x5, 4x7, 5x7
- Five-line: 5x5

**Linear bar codes**
- UPC A, EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128; Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

**DataMatrix codes**
- 10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 20x20, 22x22, 24x24, 16x26, 26x26, 8x32, 32x32, 36x36, 12x36, 16x36, 16x48

**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**
- Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

**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

**Data interface**
- RS232, RS485 and ethernet (standard)
- Clarisoft/Clarinet™ via RS232 and ethernet
- Message management via USB

**Message storage**
- 250 complex messages; unlimited storage using USB

**Environmental protection**
- IP65 standard; no plant air required; stainless steel cabinet

**Printhead**
- Heated printhead
- Positive air (standard)
- Diameter: 1.63” (41.3mm)
- Length: 10.62” (269.8mm)

**Printhead umbilical**
- Ultra flexible
- Length: 9.84’ (3m) optional 19.69’ (6m)
- Diameter: 0.91” (23mm)
- Bend radius: 4.0” (101.6mm)

**Make-up fluid consumption**
- As low as 2.4 ml 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: 46.2lbs. (21kg)

**Options**
- Dry air kit for high humidity (requires plant air)
- 60 or 70 micron nozzle
- Food grade version
- 90 degree printhead
- Wide range of accessories

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**New printer quote 866-871-3226**

Order supplies shop.videojet.com
Call 800-843-3610
Email info@videojet.com
or visit www.videojet.com

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