Superior uptime in high speed applications for greater productivity. The all-new Videojet 1620 continuous ink jet printer is designed for customers with high speed production lines and around the clock coding, delivering 14,000 hours of production before required preventive maintenance. New vapor recovery feature allows for longer runs without intervention.

**Advanced capabilities**
- Up to 5 lines of high resolution print with speeds up to 960 fpm (293 mpm)
- Wide range of bar codes, including 2D DataMatrix
- Advanced Clean Flow™ printhead design maximizes uptime
- Advanced connectivity makes integration simpler

**Superior environmental protection**
- IP65 dust protection (no plant air required)

**Low running costs**
- Longest run time between maintenance – 14,000 hour core life
- Make-Up consumption as low as 2.4 ml/hour
- Smart Cartridge™ fluid delivery system reduces waste
Line Speed Capability
Can print 1 to 5 lines of print at speeds of up to 960 fpm (293 mpm) (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, 3x9, 10x16
Tri-line: 5x5, 4x7, 5x7, 7x9
Quad-line: 5x5, 4x7, 5x7
Five-line: 5x5

Font Matrix Configuration
UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128; Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

Data Matrix Codes
10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 20x20, 22x22, 24x24, 16x26, 26x26, 8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal Character Height
Selectable from 0.079” (2 mm) to 0.40” (10 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
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

Environmental Protection
IP65 standard, no plant air required; stainless steel cabinet

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

Make-Up Fluid Consumption
As low as 2.4 ml/hour

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: 46.2 lbs. (21 kg)

Options
Dry air kit for high humidity (requires plant air)
Expanded I/O for remote message select and remote printer shut-off
60 or 70 micron nozzle
Food grade version
90 degree printhead
Wide range of accessories

Dimensions