Superior uptime in high speed applications for greater productivity. The all-new Videojet 1610 continuous ink jet printer is designed for customers with high speed production lines and around the clock coding, delivering 12,000 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), 7x4 twin line up to 480 fpm (146 mpm)
- Advanced clean flow printhead design maximizes uptime
- New vapor recovery system for low solvent consumption
- Advanced connectivity makes integration simpler

Simple to maintain

- 12,000-hour core life

Superior environmental protection

- IP65 dust protection (no plant air required)
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, 7x9, 9x12, 10x16
Tri-line: 5x5, 5x7, 7x9
Quad-line: 5x5, 4x7, 5x7
Five-line: 5x5

Linear Bar Codes
UPC A/E; 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, 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

Data Interface
Clarisoft/Clarinet® via RS232, RS 485, and Ethernet (standard)

Message Storage
250 complex messages. Unlimited storage using USB.

Console Dimensions
316 Stainless steel
21.77" (553 mm) high
13.58" (345 mm) wide
13.30" (338 mm) deep

Environmental Protection
IP65 standard, no plant air required

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

Printhead Umbilical
Ultra flexible
Length: 9.84' (3 m) optional 19.69' (6 m)
Diameter: 0.91" (23 mm)
Bend radius: 3.00" (76.2 mm)

Fluids Containers
Ink Smart Cartridge® 0.793 qt. (750 ml)
Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range
41°F to 113°F (5°C to 45°C)
0% to 90% RH non-condensing

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/0 for remote message select and remote printer shut-off
Food grade version
90 degree printhead
Wide range of accessories