Continuous Inkjet

Videojet 1610 Dual Head

The 1610 Dual Head delivers superior uptime with automatic set up and maintenance features for twice the productivity.

The Videojet 1610 Dual Head continuous inkjet printer is designed for applications requiring printing in two locations on the same product or on multiple lanes on a web application, delivering 12,000 hours of operation before required preventive maintenance.

The 1610 Dual Head is ideal for the food and beverage, pharmaceutical, tobacco and building materials markets.

Uptime Advantage

- Long run time between preventive maintenance – 12,000 hour core life
- CleanFlow™ printhead technology reduces ink build-up, lets you run longer between printhead cleanings and helps ensure consistently sharp print quality

Built-in productivity

- Dual printheads can be run independently or in tandem to meet a wide range of applications
- IP65 dust protection (no plant air required)
- Up to 5 lines of high resolution print per printhead with speeds up to 960 fpm (293mpm)

Code Assurance

- Prevent costly coding mistakes with CLARiTY™-based user interface
- Foolproof set-up wizards make it easy to get codes right and hard to get them wrong
- Further reduce errors by pulling data directly from database systems

Simple usability

- SmartCartridge™ fluid delivery system prevents spills and drains completely to eliminate waste
- Automatic printhead set up, calibration and adjustment for consistent performance

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Line speed capability (per head)
Can print 1 to 5 lines of print at speeds of up to 960fpm (293mpm)
(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&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, 16x26, 26x26, 8x32, 32x32, 34x34, 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

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

Printheads
Heated printhead
Positive air (standard)
Automatic calibration
Auto-clean design
Diameter: 1.63" (41.3mm)
Length: 10.62" (269.8mm)

Printhead umbilicals
Ultra flexible
Length: 9.84' (3m) optional 19.69' (6m)
Diameter: 0.91" (23mm)
Bend radius: 4.00" (101.6mm)

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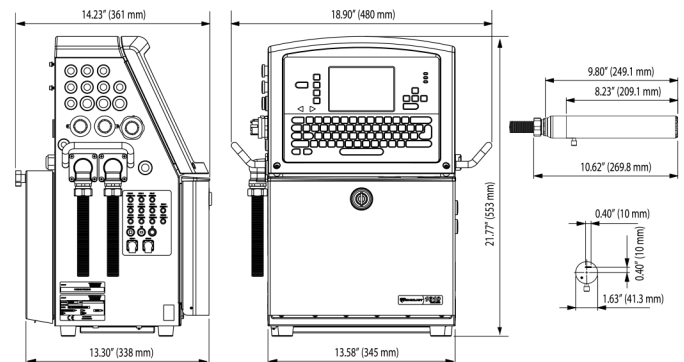
Electrical requirements
Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate weight
Unpacked and dry: 48.6lbs. (22kg)

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

14.23" (361 mm) | 18.90" (480 mm) | 9.80" (249.1 mm) | 8.23" (209.1 mm) | 10.62" (269.8 mm) | 21.77" (553 mm) | 0.40" (10 mm) | 1.63" (41.3 mm) | 13.30" (338 mm) | 13.58" (345 mm)

CERTIFIED
ISO 9001
DOCUMENTED QUALITY
CE   c(UL)us

VIDEOJET®