



Professional Packaging Systems

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Videojet 1610 Dual Head CIJ Continuous Inkjet Printer



At a Glance

- Print two locations on the same product or on multiple lanes on a web application
- Maximum line speed 293 m/min (960 ft/min)
- 12,000 hours of operation before required preventive maintenance
- Ideal for food and beverage, pharmaceutical, tobacco and building materials markets

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Print Two Locations Simultaneously

The Videojet 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 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.

Benefits

Speed without Compromising Quality

Dynamic Calibration adjusts jetting parameters automatically to help ensure high quality print.

Dual printheads enable high speed printing of up to 10 lines of text with single printhead speed performance:

Single line max speed = 293 m/min (960 ft/min)

Dual line max speed = 146 m/min (480 ft/min)

Tri-line max speed = 81 m/min (265 ft/min)

Engineered for Extended Runs and Uptime

CleanFlow technology resists ink buildup that can cause ordinary inkjet printers to shut down.

Long run time between preventive maintenance; up to 12,000 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.

No Mess, No Waste Fluid Delivery

Make-up consumption as low as 2.4 ml/hour.

Smart Cartridge fluid delivery system to virtually eliminate spills and help ensure the correct fluids are being used.

Simple Usability via Videojet Standard CIJ Interface

Bright display with WYSIWYG and function keys for easy operation.

User levels to separate operation from installation and maintenance.

Prompted user fields to help reduce coding errors.

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.

Specifications

Print Heads	2
Ink	Dye based
Maximum Lines of Print	5
Maximum Line Speed	293 m/min (960 ft/min)
Environmental Protection	IP55
Core Life (Maintenance Interval)	Up to 12,000 hours
Umbilical Length	3 m (9.8 ft) optional 6 m (19.6 ft)
Message Storage Capability	More than 250 complex messages
Smart Cartridge	Included
Plug and Play Printhead Modules	Included
USB	Included
Communications	Ethernet and RS-232 Serial
Linear and 2D Bar Codes	Included
Positive Air / CleanFlow	Included
Display (User Interface)	LCD with membrane keyboard

More Specifications

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	<ul style="list-style-type: none"> Heated printhead Positive air (standard) Automatic calibration Auto-clean design Diameter: 1.63" (41.3mm) Length: 10.62" (269.8mm)
Printhead Umbilicals	<ul style="list-style-type: none"> Ultra flexible Length: 9.84' (3m) optional 19.69' (6m) Diameter: 0.91" (23mm) Bend radius: 4.00" (101.6mm)
Fluids Containers	<ul style="list-style-type: none"> Ink Smart Cartridge 0.793 qt (750ml) Make-up Smart Cartridge 0.793 qt (750ml)
Temperature/Humidity Range	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz, 120 W
Approximate Weight	<ul style="list-style-type: none"> Unpacked and dry: 48.6lbs (22kg)
Options	<ul style="list-style-type: none"> Dry air kit for high humidity (requires plant air) Food grade version 60 or 70 micron nozzle 90 degree printhead Wide range of accessories

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