



Professional Packaging Systems

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Videojet 1880+ CIJ Continuous Inkjet Printer



At a Glance

- Non-contact inkjet printing for almost any substrate, including flat and curved surfaces
- Reduce downtime with advanced diagnostics
- Go longer between printhead cleanings
- Wide variety of safer, more sustainable inks

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.

CIJ Printer Increases Efficiency, Productivity, and Reliability

Experience increased efficiency and performance, maximized productivity, and proven reliability for high-speed applications with the Videojet 1880+ printer.

The Videojet 1880+ continuous inkjet (CIJ) printer is built on the high-speed 1880 platform. This printer delivers non-contact inkjet printing for almost any substrate, including flat and curved surfaces.

With a built-in vital sign monitoring system, smart alerts, on-demand remote technical support, Wi-Fi connectivity, and an advanced automated troubleshooting program, the 1880+ anticipates potential printer issues in time for you to avoid them and enables you to recover faster should downtime still occur.

Benefits

Harness Digital Capabilities

Reduce downtime with the Videojet MAXIMiZE advanced diagnostics suite.

React sooner to faults and minimize the need for on-site service calls with VideojetConnect Remote Service.

Recover from faults more quickly with RapidRecover automated troubleshooting engine.

Right Code at the Right Quality

Clean the printhead only when needed thanks to the unique ink build-up sensor.

Simplify printhead cleaning to just a push of a button with the Auto-rinse feature.

Remove potential for human error with the suite of line integration and code management capabilities.

Minimize Operator Interventions

Go longer between printhead cleanings with intelligent start-stop sequence.

Increase make-up cartridge changeover interval by up to 2x with reduced make-up consumption and 1L cartridge option.

Easily accommodate operator-performed annual maintenance that takes just 5 minutes per year.

Natural Fit in Your Line

Achieve maximum line productivity and reduce downtime with easy-to-replace SmartCell components. Reduce training with intuitive SIMPLICITY user interface and on-board videos that guide users through common tasks.

Select from a wide variety of safer, more sustainable inks engineered to meet your application.

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

Specifications

Print Heads	1
Ink	Dye based
Maximum Lines of Print	5
Maximum Line Speed	334 m/min (1,097 ft/min)
Environmental Protection	IP55, IP66
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 LAN and RS-232 Serial
Positive Air / CleanFlow	Included
Display (User Interface)	SIMPLICITY based 10.4 inch color touchscreen

More Specifications

Line Speed Capability	Can print 1 to 5 lines of print at speeds of up to 1,097fpm (334mpm) (10 characters per inch, single line of print)
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Font Matrix Configuration	<p>Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34</p> <p>Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16</p> <p>Tri-line: 4x5, 5x5, 4x7, 5x7, 7x9</p> <p>Quad-line: 4x5, 5x5, 4x7, 5x7</p> <p>Five-line: 5x5</p>
Linear Bar Codes	UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128; Code 39; Interleaved 2 of 5; GS1
DataMatrix Codes	10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 20x20, 22x22, 24x24, 12x26, 26x26, 8x32, 32x32, 12x36, 16x36, 16x48
QR Codes	<p>21x21, 25x25, 29x29, 33x33</p> <p>Error correction mode L, M, Q or H</p>
Nominal Character Height	Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font
Throw Distance	<p>Optimal: 0.472" (12mm)</p> <p>Range: 0.197" (5mm) to 0.591" (15mm)</p>
User Interface	<p>10.4" 16:9 high-response TFT-LCD touch screen</p> <p>WYSIWYG touch to edit message editing</p>
Custom Logo/Graphics	Can be created via optional CLARISOFT software
Character Sets	Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, 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, Romanian, Russian, Serbian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, and Vietnamese
Input/Output	Product detect input; Encoder input; Beacon (Alarm light) output; Relay output; USB 2.0 (2x); Ethernet LAN; Built-in Wi-Fi
Message Storage	More than 250 complex messages
Environmental Protection	<p>IP55 standard, no plant air required, stainless steel cabinet</p> <p>IP66 protected electronics optional</p>
Printhead	<p>CleanFlow including positive air, no plant air required (optional)</p> <p>Diameter: 1.63" (41.3mm)</p> <p>Length: 10.62" (269.8mm)</p>

Printhead Umbilical	Ultra flexible Length: 9.84' (3m) optional 19.69' (6m) Diameter: 0.91" (23mm) Bend radius: 4.0" (101.6mm)
Make-Up Consumption	As low as 3.5ml per hour (MEK at 20°C)
Fluids Containers	Ink and Make-up Smart Cartridge 1.06 qt (1000ml); optional 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, 70W
Approximate Weight	Unpacked and dry: 46.3lbs (21kg)
Options	Dust protection kit with CleanFlow technology Dry air kit for high humidity (requires plant air) Cellular communication RS232 connector kit (USB to Serial DIN-5 male adapter) SIMPLICITY Workflow Modules Wide range of accessories

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