



Continuous Inkjet

Videojet® 1880 +

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

The 1880 + continuous inkjet (CIJ) printer is built on the high-speed 1880 platform, and redefines excellence through enhanced design and comprehensive integrated connectivity options. This printer delivers non-contact inkjet printing for almost any substrate, including flat or 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.



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 from the 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

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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)

Font matrix configuration

Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34
Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16
Tri-line: 4x5, 5x5, 4x7, 5x7, 7x9
Quad-line: 4x5, 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; GS1

DataMatrix codes

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

QR codes

21x21, 25x25, 29x29, 33x33
Error correction mode L, M, Q or H

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)
Printhead throw distance may be increased to produce taller codes, however, characters will be printed at a lower drop resolution.

User interface

10.4" 16:9 high-response TFT-LCD touch screen
WYSIWYG touch to edit message editing

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

IP55 standard, no plant air required, stainless steel cabinet
IP66 protected electronics optional

Printhead

CleanFlow™ including positive air, no plant air required (optional)
Diameter: 1.63" (41.3mm)
Length: 10.62" (269.8mm)

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

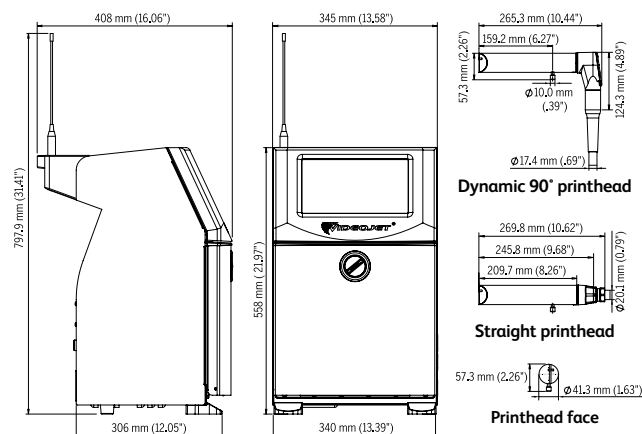
Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz, 70W

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



* CLARISOFT™ Package Coding Design software required for certain bar codes and other advanced functionality.



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