



Continuous Inkjet

# Videojet® 1880 +

**Experience increased efficiency and performance, maximised 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 minimise 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

## **Minimise 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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## Continuous Inkjet

### Line speed capability

Can print 1 to 5 lines of print at speeds of up to 1,097 fpm (334 mpm)  
(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

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

### 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

0°C to 50°C (32°F to 122°F)

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

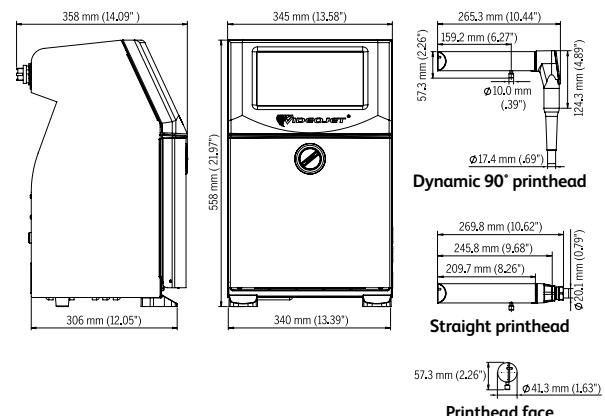
Dry air kit for high humidity (requires plant air)

Cellular communication

RS232 connector kit (USB to Serial DIN-5 male adapter)

SIMPLICITY™ Workflow Modules

Wide range of accessories



CERTIFIED  
ISO 9001  
DOCUMENTED QUALITY

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