



Continuous Inkjet

# Videojet® 1580 C

**The 1580 C delivers industry-first performance using soft-pigmented contrast inks, providing superior uptime and enabling you to achieve your marking and coding objectives today, and as they evolve.**

A contrast printer that performs and behaves like a dye-based printer, the Videojet 1580 C features innovations in hydraulics, printhead, and cartridge designs that bring running time and maintenance intervals to the same level as a standard continuous inkjet (CIJ) printer. The 1580 C uses similar filters as the rest of our CIJ range, with the same cleaning cycles and preventive maintenance as a dye-based printer. Planned maintenance can take place every 5000 hours, with no need to reduce intervals because of using soft-pigmented inks. With Videojet OPMTIMiZE software, the 1580 C can assess printer efficiency and provide suggestions for improvement.



## Uptime Advantage

- Increase uptime with an additional 8 hours minimum of run time using a make-up reserve tank that protects your production under normal operating conditions
- Patented cartridge design helps to reduce common faults by alleviating ink pigment settling in the cartridge and blocking the orifice, which can result in printhead clogging
- Videojet Dynamic Calibration automatically maintains superior print quality, for optimum uptime under changing environmental conditions

## Code Assurance

- Lower the opportunity for coding errors with intelligent message creation functionality
- Automate code content without the need for operator interaction with user definable message rules
- Maintain consistent quality and contrast over time with codes that remain readable and don't fade over time

## Simple Usability

- Eliminate potential user errors through a Videojet SIMPLICITY™ interface that greatly reduces operator printer interactions
- Easy to operate tablet-inspired 10" touchscreen display that is intuitive to you and translated to native language
- Customise interfaces with built-in wizards, and access guided video tutorials for routine printer tasks

## Built-in Productivity

- Built-in Wi-Fi and cellular connections provide an easy and secure way to wirelessly communicate
- Analyse your individual use patterns and receive printer improvement opportunities via on-screen alerts
- Access technical experts at the touch of a button through optional VideojetConnect™ Remote Service (depending on local availability)
- Webserver capability allows access to printers via supported web browsers on host computers

# Videojet® 1580 C

## Continuous Inkjet

### Line speed capability

Can print 1 to 5 lines of print at speeds of up to 889fpm (271mpm)  
(10 characters per inch, single line of print)

### Font matrix configuration

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

### QR codes

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

### DataMatrix codes

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

### User interface

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

### Custom logo(graphics

Can be created via optional CLARIsoft™ software  
(CLARIsoft Package Coding Design software required for advanced functionality)

### 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,  
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 (no plant air required)

IP55 standard, stainless steel cabinet

IP65 protected electronics (optional with dust protection kit)

### Printhead

Heated 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)

### Fluids containers

Ink Smart Cartridge™ 0.740 qt. (700ml)  
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

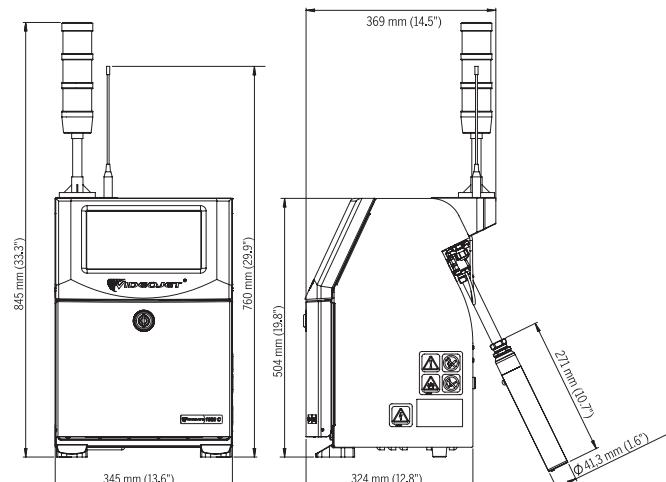
Nominal supply power 100-240 VAC at 50/60 Hz, 70W

### 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  
90 degree printhead



C E R T I F I E D  
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