Continuous Inkjet

Videojet® 1580

Monitor your printer performance to help reduce total cost of ownership with the Videojet® 1580 continuous inkjet printer.

Designed to deliver improved printer performance and operator effectiveness, the Videojet® 1580 continuous inkjet (CIJ) printer offers simple operation, reduced maintenance and superior print quality during every day operation. The 1580 CIJ printer utilizes printer consumption to assess and suggest improvements on how the printer is used, helping to reduce total cost of ownership (TCO).

Uptime Advantage

- Prevent a downtime event with an additional 8 hours minimum of runtime using a make-up reserve tank that protects your production under normal operating conditions
- Replace preventive maintenance components easily and reliably, with no additional production downtime
- Recover in minutes from unplanned interruptions with optional VideojetConnect™ Remote Service – minimizing the need for on-site service calls (depending on local availability)

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
- Streamline message creation and job set-up to start coding products quicker

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
- Customize interfaces with built-in wizards, and access guided video tutorials for routine printer tasks

Built-in Productivity

- Analyze 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
- Operate more effectively with detailed runtime analytics and reporting, partnering with Videojet Service to improve over time

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Line speed capability
Can print 1 to 5 lines of print at speeds of up to 914fpm (278mpm)
(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; GS1

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, 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)

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*

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,
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™

Message storage
More than 250 complex messages

Environmental protection
IP55 standard, no plant air required, 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)

Make-up fluid consumption
5.0ml per hour (MEK at 20°C)

Fluids containers
Ink and 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
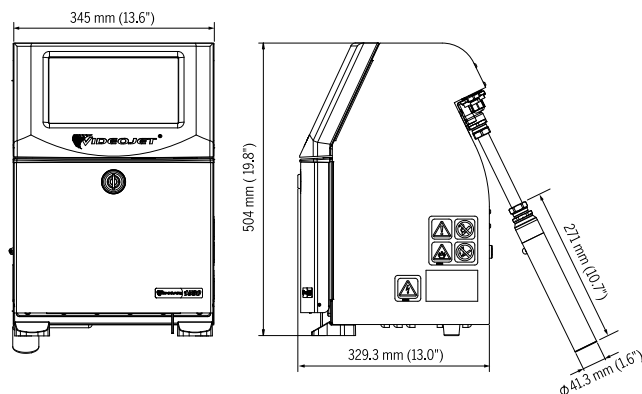Nominal supply power 100-240 VAC at 50/60 Hz, 70W

Approximate weight
Unpacked and dry: 46.3lbs. (21kg)

Options
Dust protection kit with CleanFlow™ technology
Dry air kit for high humidity (requires plant air)
RS232 connector kit (USB to Serial DIN-5 male adapter)
SIMPLiCiTY™ Workflow Modules
Wide range of accessories
90 degree printhead

* CLARiSOFT Package Coding Design software required for bar codes and other advanced functionality.

345 mm (13.6")
504 mm (19.8")
329.3 mm (13.0")
271 mm (10.7")
Ø41.3 mm (1.6")

CERTIFIED ISO 9001 DOCUMENTED QUALITY   CE c(UL)us