



## Professional Packaging Systems

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## Contact

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# Videojet 1620 FG Food Grade CIJ Continuous Inkjet Printer



## At a Glance

- Reliable high-speed food grade inkjet marking
- Maximum line speed: 293 m/min (960 ft/min)
- Simple, easy to use keypad interface

## 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.

## Reliable Food Grade Coding

The Videojet 1620FG food grade printer offers unparalleled reliability for food-grade coding, ensuring that your operations run smoothly with consistent quality output.

Equipped with our exclusive CleanFlow and Dynamic Calibration technologies, the Videojet 1620FG is engineered to deliver extended operational periods, significantly reducing the need for manual maintenance, and increasing your production efficiency.

The 1620FG food-grade coder is specifically tailored for challenging applications. It has the capacity to store up to 250 complex messages, streamlining the process of message retrieval and enhancing your operational agility.

The 1620FG utilizes specially formulated food-grade inks, supporting compliance with industry standards and regulations.

## Benefits

### Uptime Advantage

CleanFlow technology resists ink buildup that can cause ordinary inkjet printers to shut down.

Long run time between preventive maintenance; up to 14,000 hour core life.

Internal pump means no external air, minimizing potential for contaminants to enter ink stream.

Auto cleaning printhead for fast start-ups, even after extended shutdowns.

### Built-In Productivity

Dynamic Calibration adjusts jetting parameters automatically to help ensure high quality print.

Print 1 to 5 lines of print for a range of coding needs.

Smart Cartridge™ fluid delivery system to virtually eliminate spills and help ensure the correct fluids are being used.

### Code Assurance

Multiple password protected access levels to system control menus help avoid unintentional input errors.

Storable print messages with pre-set and calculated fields minimize required user input.

Easy Videojet CLARiSOFT and CLARiSUITE integration allows for remote control of advanced code functionality.

### Simple Usability

Bright display with WYSIWYG and function keys for easy operation.

Store up to 250 complex messages for easy recall – store even more messages using a standard USB memory stick.

User levels to separate operation from installation and maintenance.

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	293 m/min (960 ft/min)
Environmental Protection	IP65
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	NA
Expanded I/O Ports and Control	NA
USB	Included
Communications	Ethernet, RS232, RS485
Positive Air / CleanFlow	Optional
Display (User Interface)	320×240, bright blue backlight, 5.7-inch LCD

## More Specifications

Line Speed Capability	Can print 1 to 5 lines of print at speeds of up to 960ft./min (293 m/min) (10 characters per inch, single line of print)
Font Matrix Configuration	Single-line: 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34 Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16 Tri-line: 5x5, 4x7, 5x7, 7x9 Quad-line: 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; 2D DataMatrix; GS1
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)
Keyboard	Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.
Display	320x240 Bright blue backlit 5.7" LCD display WYSIWYG onscreen message editing
Custom Logo/Graphics	Can be created by individual user on printer or PC with optional Videojet Logo Creator software
Character Sets	Chinese, Russian/Bulgarian, Turkish/Scandinavian, 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
Data Interface	RS232, RS485 and ethernet (standard) CLARISOFT/CLARINET via RS232 and ethernet Message management via USB
Message Storage	250 complex messages; unlimited storage using USB
Environmental Protection	IP65 standard; no plant air required; stainless steel cabinet

Printhead	Heated printhead Positive air (standard) 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	As low as 2.4 ml per hour
Fluids Containers	Ink Smart Cartridge 0.793 qt (750ml) 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 100-120 / 200-240 VAC at 50/60 Hz, 120 W
Approximate Weight	Unpacked and dry: 46.2lbs (21kg)
Options	Dry air kit for high humidity (requires plant air) 60 or 70 micron nozzle Food grade version 90 degree printhead Wide range of accessories

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