

Smart marking and  
coding — productivity  
made simple

Continuous Ink Jet

# 1000 Line printers



# Videojet 1000 Line –

Advancing productivity with state-of-the art technology.

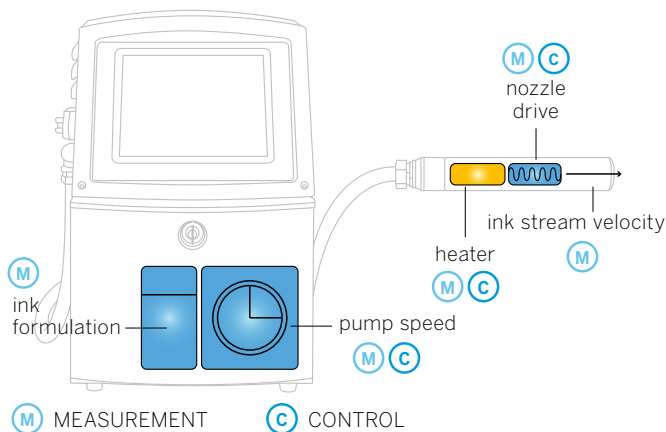


Videojet 1000 Line continuous ink jet printers are engineered for extended run time, keeping your production line up and running longer. So advanced, they automate set up and cleaning. So well designed, they make maintenance easier than ever. These features combine to create a printing system that customers tell us produces 99.9% availability.\*

## Clear advantage in print quality

Advanced drop placement technology in the 1000 Line printers delivers best-in-class print quality

- An advanced printhead featuring automatic set up, calibration and adjustment helps ensure consistent performance with minimal operator intervention
- Dynamic Calibration™ automatically adjusts to changes in temperature and viscosity for consistent print quality in real world environments



## Easy, predictable maintenance

The advanced core design enables 1000 Line printers to perform longer between planned maintenance. The core is customer-replaceable and this replacement procedure includes all ink system filters and common wear parts.



- No additional filters to change or quick connects that can break and need replacing
- Components in the core means only one part to replace
- Operator alert when core replacement is needed
- Innovative core designed for pigmented fluids for high contrast codes on dark surfaces (1710 only)
- Longest published maintenance interval in the industry

Choice of 50, 60 or 70 micron nozzle for higher contrast codes

ABCDEFGH  
70 micron nozzle

ABCDEFGH  
60 micron nozzle

ABCDEFGH  
50 micron nozzle  
(UHS models only)

\*Results of 99.9% availability obtained from a survey of customers representing over 400 printers on active production lines. Over half of the surveyed customers experienced 100% availability. Individual results may vary.

Full-size PC-style  
keyboard or large  
format touchscreen  
reduce operator  
input errors



## No mess, no waste, no mistakes

- The Smart Cartridge™ fluid delivery system eliminates spills and helps ensure that all the fluid in each cartridge is used
- Microchip on fluids cartridge confirms the correct fluid is being used
- Self-contained cartridge with needle and septum design eliminates fluid spills
- Low make up consumption reduces operating costs
- Internal bladder design helps ensure all fluid is drained from the cartridge, saving money on supplies
- Full range of eco-friendly inks and specialty fluids available

## Simple, reliable operation in a wide range of environments

All 1000 Line printers feature a highly intuitive interface to streamline daily functions. The 1550 and 1650 printers have a fast-responding 10.4" touch screen. The displays show all of the printer operation information and the WYSIWYG display means you'll always see what you're printing.

- Real-time fluids levels and maintenance alerts displayed on screen
- Operating temperature range from 32 – 122 °F (0-50 °C), depending on ink selection
- One-button start up and shutdown
- Lightweight design that is easy to move with built-in handles
- Full range of service options and care packages help ensure smooth operation





## Connectivity and flexibility to meet expanding needs

Compatible with Videojet's Clarisoft® and Clarinet® package coding management (PCM) software, the 1000 Line printers can be managed by a central PC or via the user interface.

- PCM software helps ensure the correct code is on the appropriate package
- Store more than 250 complex messages (dependent on model type) with additional memory available via USB
- No plant air required
- Wide range of connectors and expansion options
- 1550 and 1650 printers feature web server connectivity for remote access



## Hard working, inside and out

The 1000 Line printers deliver on their promise of reduced cost to own, operate and maintain. The lower solvent consumption in these printers means lower supplies expenses and less time spent on fluids replacement. Specifically designed for performance in tough environments, these printers code reliably in a variety of applications where speed, quality of code and flexibility are key factors.

- Rugged, stainless steel cabinet and printhead cover for resilient performance in challenging environments
- IP65 rated versions available for wash down and dusty environments
- Unique vapor recovery system for low solvent consumption and fewer fluid replacements
- Internal pump eliminates the need for factory air



- A** Message B Input
- B** Message A Input
- C** Print Trigger 2
- D** Comms RS 232
- E** Status Output
- F** Shaft Encoder
- G** Comms RS 485
- H** Relay Switches
- I** Print Trigger 1
- J** Ethernet
- K** USB
- L** I/O
- M** Handle

11 0 ports / side panel (1620 shown)

# CleanFlow™ printhead technology – increased uptime

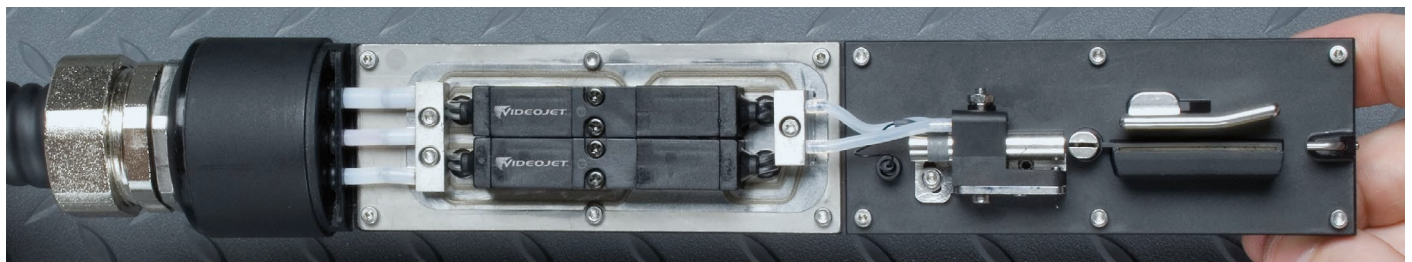


With an auto cleaning function and positive air as standard, the 1000 Line printers offer the most advantaged printhead on the market today. The CleanFlow™ printhead\* is designed to provide maximum uptime without using any plant air. By reducing ink build up that can cause traditional ink jet printers to shut down, this unique printhead requires less cleaning and enables longer runs without intervention.

\* Available in all models except for the 1210 and 1220



Perforated design reduces buildup and cleanings



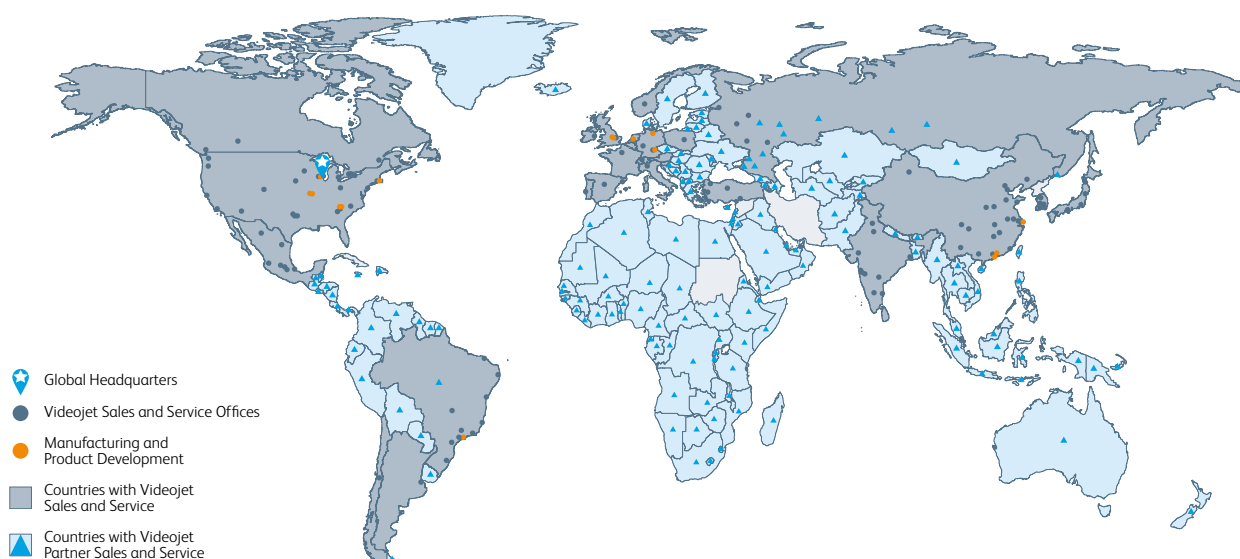
## Modular printhead design

- The printer uses an internal pump to deliver positive air to the printhead. The supplied air is filtered to eliminate dust from contaminating the printhead.
- Perforated design reduces buildup across the entire printhead face and extends time between cleanings
- Optional 50 or 60 micron nozzles reduce splash back
- Stainless steel printhead cover for easy clean up and durable operation
- Standard positive air and auto-cleaning printhead deliver long runs between cleanings and fast, easy startup, even after extended shut down
  - Flush nozzle to eliminate clogs
  - Wash nozzle face for clean start-up
  - Clean return line for extended shut-down

# Peace of mind comes as standard

Videojet is a world leader in industrial coding and marking solutions, with more than 345,000 printers installed worldwide. Here's why

- We leverage over 40 years of globally gained expertise to help you specify, install and utilize the most cost-effective solution; one best suited to your operations.
- We deliver a wide range of products and technologies that deliver tangible results across an extensive range of applications.
- Our solutions are highly innovative. We are committed to investing in new technologies, research and development and continuous improvement. We stay at the forefront in our industry, to help you do the same in yours.
- We have earned a reputation for both the long-term reliability of our products and excellent customer service, so you can choose Videojet and relax.
- Our international network includes more than 4,000 staff and over 175 distributors and OEMs, in 135 countries. So wherever and whenever you're ready to do business, we're ready to serve.



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