



## Professional Packaging Systems

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# Videojet 8520 & Wolke m610 Thermal Inkjet Printer



## At a Glance

- High-resolution printing on primary and secondary packaging
- Large CLARiTY touchscreen interface for easy operation
- Prints basic alphanumeric codes to complex bar codes and graphics

## 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.

## Thermal Inkjet Printing for Industrial Applications

Videojet 8520 and Wolke m610 touch thermal inkjet (TIJ) printers use HP technology for high-resolution printing on primary and secondary packaging.

These versatile Videojet printers feature a large CLARiTY touchscreen interface for easy operation and provide a familiar look and feel to those who use Videojet CLARiTY-based printers. From basic alphanumeric codes to complex bar codes and graphics, the 8520 and m610 touch have the capability to print a wide range of codes on fast production lines.

## Benefits

### Simple Operation

The 8.4 inch color touchscreen interface with easy to learn, icon based, controls.

Clean operation with genuine HP cartridges, virtually eliminating spills and mess.

Simple code selection and customer selectable rules prevent human error; all common functions accessed in five or fewer touches.

### Uptime Advantage Saves Money

No wear items or replacement parts outside of inkjet cartridge replacement.

Simple cartridge changes can occur in less than one minute, with no specialized training.

### High Speed, High Resolution Printing

Print 600 x 600 dpi high resolution codes up to 50.8 mm (2 in) in height.

Wide range of bar codes including DataMatrix and stacked symbologies.

Maximum line speed of up to 75 m/min (250 ft/min) when printing at exceptional print quality of 600 x 240 dpi (higher line speeds are possible at lower horizontal print resolutions).

### Ideal for Packaging Line Integration

The small footprint and industrial design is easy to integrate into existing production lines.

Integrate printer via webserver functionality for remote control from third party HMI displays.

Data interfaces include TCP/IP, RS232, USB, ZPL and Text communication.

Advanced communication protocol for remote operation and high speed serialization.

Supports both text and binary communication and offers select emulation of ZPL (Zebra Programming Language).

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.

## Specifications

Maximum Print Resolution	600 x 600 dpi
Print Speed	1.5 – 109 m/min (5 – 360 ft/min)(at 600 x 240 dpi)
Bar Codes	Multiple linear and 2D bar codes available including DataMatrix
Print Height (single printhead)	12.7 mm (0.5 in)
Maximum Number of Printheads	Up to 4
User Interface CLARiTY	8.4 inch color SVGA LCD touch-panel
Data Interfaces	RS232, Ethernet, USB memory, select ZPL command emulation, Text communication

## More Specifications

Print Speed	Bar code printing – 0.6 to 66mpm (2.0 to 216ft/min) Alphanumeric text – up to 132mpm (433ft/min) Speeds are density dependent
Print Distance	0.5mm to 4.0mm max (0.02 – 0.15")
Print Area(per printhead)	70mm (H) x 2000mm (L) (2.8" x 78"), 180 dpi
Bar Codes	UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128; Code 39; Interleaved 2 of 5; RSS/GS1 Databar (including 2D composite codes); DataMatrix; QR codes
User Interface	8" high-response TFT-LCD touch screen WYSIWYG touch to edit message editing On-board diagnostics

Graphics, Images  
and Logos

Created via optional CLARiSOFT software

Printing Capabilities

Full downloadable font support using TrueType fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time formats; flexible shift code formats; auto best before date calculations and concession management; calendar rules; auto incrementing decrementing text, counters and bar codes; multiple graphic formats supported (up to maximum print area); link fields to databases; scalable text and text blocks

Languages

English, Arabic, Bulgarian, Chinese (Mandarin), Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish and Vietnamese

On-Board Memory

8 GB memory

Inputs / Outputs

1 product detect input, 1 DB15 interface integrated shaft encoder input, job select inputs, 24VDC output, 3 configurable inputs, and outputs for driving relay control or beacon 1 DB9 interface for sharing product detect and encoder signal between printers 1 USB 2.0 host

Supported Field  
Types

Fixed, variable (user entered), merged, database, counters, date, offsets, time, paragraph (text blocks) Basic shape drawing (circles, rectangles etc.)

External  
Communications

Binary and ASCII comms protocols Host PC mode (Remote Database) using CLARiNET Zebra (ZPL) protocol USB connectivity for job download and software update

Connectivity  
Options

RS232, dual Ethernet and Wi-Fi

Operation Modes

Single printhead in standard mode, two printheads in leader/follower mode

Network Control  
Software

CLARiNET network management software

Ink/Ink System

Non-pressurized, screw-in canister; 175ml or 365ml Colors available: black, blue, green, orange, purple, red, yellow

Power Supply

100V-240VAC, 50/60HZ, 50W

Air Supply

6 Bar, 90psi, dry, uncontaminated

Operating  
Temperature

10°-35° C (50°-95° F)

Weight(single  
head)

Unboxed: 3.75kg (8.3lbs) Boxed: 7.4kg (16.3lbs)

Options

SIMPLCiTY Workflow Modules Wide range of accessories

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