

Printer flexibility with intermittent and continuous print capabilities

Easy to use touch screen interface

Low cost of ownership with multiple ribbon saving features

Now available with ribbon lengths up to 1,200 meters!

## Videojet DataFlex® Plus

Thermal Transfer Overprinter



Maximum reliability and efficiency for variable, high resolution images on flexible packaging and labels.

### Increased Production Line Uptime

A patented and proven clutchless ribbon drive with few wear parts increases mechanical reliability and minimizes maintenance-related downtime. Through the use of motors and software, optimal ribbon tension is consistently maintained, virtually eliminating downtime caused by ribbon breaks and false ribbon breaks.

- Accommodates ribbons up to 1,200 meters in length for long, uninterrupted production runs
- Increased production line efficiency via simple cassette design and fast ribbon changes

### Lowest Cost of Ownership

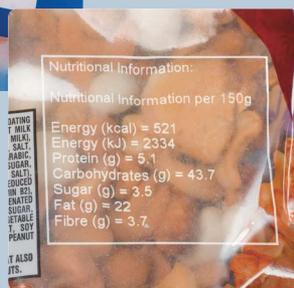


The DataFlex Plus is designed for low total cost of ownership. The patented bi-directional ribbon drive utilizes motors for both the ribbon unwind and re-wind reels, allowing unused ribbon to be recaptured after each print.

- 0.5mm gap between prints from the beginning to the end of the ribbon roll creates more prints per roll and ensures highest possible ribbon efficiency
- Bi-directional drive eliminates over-printing and provides consistent image quality
- Standard ribbon save functions further reduce ribbon expense and maximize the number of prints per roll



The Videojet DataFlex Plus Thermal Transfer Overprinter (TTO) delivers high resolution images on flexible packaging, while minimizing downtime and costs associated with ribbon breaks and production changeovers. For marking variable information such as date, time, batch code, ingredients, logos and marketing information onto flexible film packaging, labels or glossy cards, this system provides the ultimate in productivity and efficiency.



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Thermal Transfer Overprinter



## Code Assurance

Wrong codes can mean waste, rework and added expense. The DataFlex Plus makes it easy to get your codes right, and practically impossible to get them wrong.

- Advanced software provides code assurance by reducing operator interaction and minimizing potential for human error
- Intelligent Date Rules reduce potential for date errors that may result in product rework or waste
- USB scanner connection allows for easy, automated message setup, reducing manual errors
- Three levels of password protection for added security

## Protection in Harsh Environments

The DataFlex Plus is also available with an IP rated 53mm printer width model.

- Enhanced protection against dust and water
- Ideally suited to hygienic packaging applications and washdown environments
- Extended temperature range with selected ribbons from 35 - 104°F (2 - 40°C)



## Easy to Learn and Use

The intuitive, high-resolution graphical user interface and color touchscreen deliver easy to learn, icon-based controls and a WYSIWYG image display to reduce downloading and entry errors.

- On-board diagnostics make trouble shooting quick and easy, resulting in less downtime and reduced training requirements



## High Quality Thermal Transfer Printing



The DataFlex Plus system allows for on-line printing of variable and real-time data such as best by dates, times, batch/lot codes, ingredients listing, bar codes and logos with crisp, clear images.

- High-resolution images on a wide variety of flexible packaging, labels and other materials
- Well-suited for applications in the snack food, bakery, confectionery, frozen and refrigerated foods, bagged fresh vegetables and dried fruits, meats, coffee and pharmaceutical markets

## Maximum Flexibility

The DataFlex Plus has the built-in capacity to change between intermittent and continuous operation quickly and easily — in the same unit.

Serial, Ethernet and USB communications deliver a comprehensive communications package.



**Printhead**

55 mm or 110 mm, 300dpi (12 dot/mm)

**Print Area**

**53 mm Unit**

Intermittent Printing Mode: 2.1" (53 mm) wide x 3.0" (75 mm) long (RH option) 2.1" (53 mm) wide x 2.7" (68 mm) long (LH option)  
Continuous Printing Mode: 2.1" (53 mm) wide x 5.3" (200 mm) long

**107 mm Unit**

Intermittent Printing Mode: 4.2" (107 mm) wide x 3.0" (75 mm) long (RH option) 4.2" (107 mm) wide x 2.7" (68 mm) long (LH option)  
Continuous Printing Mode: 4.2" (107 mm) wide x 7.9" (200 mm) long

**Minimum Print Speed**

**53 mm Unit & 107 mm Unit**

Intermittent Mode: 1.96 in./sec (50 mm/sec)  
Continuous Mode: 0 in./sec (0 mm/sec)

**Maximum Print Speed**

**53 mm Unit**

Intermittent Mode: 31.5 in./sec (800 mm/sec)  
Continuous Mode: 39.4 in./sec (1000 mm/sec)

**107 mm Unit**

Intermittent Mode: 27.5 in./sec (700 mm/sec)  
Continuous Mode: 31.4 in./sec (800 mm/sec)

**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; 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

**Bar Codes**

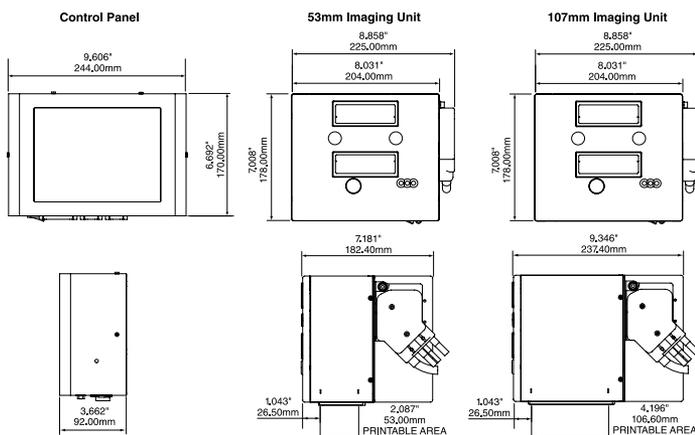
EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN 128, Code 128, ITF, RSS (including 2D composite codes); others available upon request

**Operator Interface**

8.4-inch TFT SVGA (800x600) full-color LCD and touch screen, WYSIWYG print preview, Full on-board diagnostics, 3 levels of password protection, Extensive language support

**Ribbon Range**

Full assortment of wax / resin and resin inks



Dimensional drawings for IP-rated model are available upon request.

**Maximum Ribbon Length**

Lengths up to 1,200 meters (3,937 ft) available, dependent on ribbon width and color.

**Ribbon Widths**

0.8" (20 mm) min, 4.3" (110 mm) max

**Nominal Ribbon Waste Between Successive Prints**

0.002" (0.5 mm)

**Ribbon Saving Features**

Radial, interleaved, intermittent stripes

**Image Design Software**

CLARISOFT®

**Network Management Software**

CLARINET®

**Remote Coder Configuration software**

CLARITY® Configuration Manager  
"Off-line" set up and parameter storage available as standard

**Standard Installation Options Master / Slave Configuration**

Up to 4 DataFlex printers controlled via a single CLARITY control unit

**Web Browser Mode**

Remote control of the DataFlex Plus units from a host bagging system control box interface

**External Communications**

RS232, Ethernet, USB memory stick and scanner support, Binary and ASCII comms protocols and Windows drivers

**External Inputs/Outputs**

3 PNP inputs  
2 relay outputs and 2 PNP +24V outputs

**Air Supply**

6 Bar. 90psi, uncontaminated 1.0ml/cycle (max)

**Power Supply**

90-264V

**Operating Temperature**

35 - 104°F (2 - 40°C)\*

\* With selected ribbons. Actual installation may require additional hardware based on production environment conditions.



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