Videojet DataFlex® Plus
Thermal Transfer Overprinter

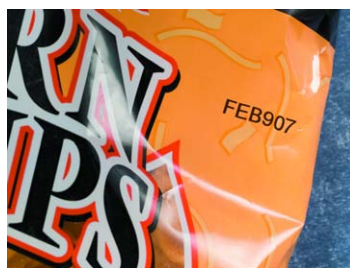## Maximum Reliability and Efficiency for Variable, High Resolution Images on Flexible Packaging and Labels

- Highest Reliability - No ribbon-related downtime
- Lowest cost of ownership
- Simplest operation
- Flexibility to adapt to changing production needs

Superior Performance and Reliability

Videojet DataFlex® Plus Thermal Transfer Overprinter

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 dates, times, batch codes, ingredients, logos and marketing information onto flexible film packaging, labels or glossy cards, the DataFlex Plus provides the ultimate in productivity and efficiency.

Intermittent and continuous operation from one unit

8.4-inch color touchscreen

Simple ribbon cassette for easy changeovers

Standard Printing

Interleave Printing

Increased Production Line Uptime

The DataFlex Plus features a proven, clutchless ribbon drive that contains few wear parts, which 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. The 1,000 meter ribbon length is the longest standard length on the market, which means less frequent ribbon changes and higher production line efficiency. The DataFlex Plus features the simplest TTO ribbon cassette on the market, making ribbon changeovers fast, easy and nearly fail safe.

Maximum Flexibility

The DataFlex Plus has the built-in capability to change between intermittent and continuous modes or left hand and right hand operation — quickly and easily — in the same unit. This flexible system eliminates the need for additional investment in more printers if production requirements change. Serial, Ethernet and USB communications standard in this printer deliver the most comprehensive communications package in the industry. The DataFlex Plus also provides the ability to control up to four printers from one controller, providing a simple and cost-effective solution for applications that need more than one imaging system.

Lowest Cost of Ownership

The DataFlex Plus is designed to lower total cost of ownership. The bi-directional ribbon drive utilizes motors that drive both the ribbon unwind and re-wind reels, allowing unused ribbon to be recaptured after each print. This maintains a 0.5 mm gap between prints from the beginning to the end of a ribbon roll, creating more prints per roll and ensuring the highest possible ribbon efficiency. The bi-directional drive eliminates over-printing and provides consistent image quality. The DataFlex Plus also offers interleave printing to cut ribbon expense in half and double the number of prints per roll with a unique ribbon saving technique that works in both continuous and intermittent applications.

Easy to Learn and Use

The intuitive, graphical user interface and color touch screen incorporate easy to learn, icon-based controls and a WYSIWYG image display to reduce downloading and entry errors. There are three levels of password protection, for added security. The on-board diagnostics available in the DataFlex Plus make trouble shooting quick and easy, resulting in less downtime and reduced training requirements.

High Quality Thermal Transfer Printing

The DataFlex Plus delivers high-resolution images on a wide variety of flexible packaging, labels and other materials. 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 listings, bar codes and logos with crisp, clear images. This efficient printer is well-suited for applications in the snack food, bakery, confectionery, frozen and refrigerated foods, bagged fresh vegetables and dried fruits, meats, coffee, hardware and pharmaceutical markets.
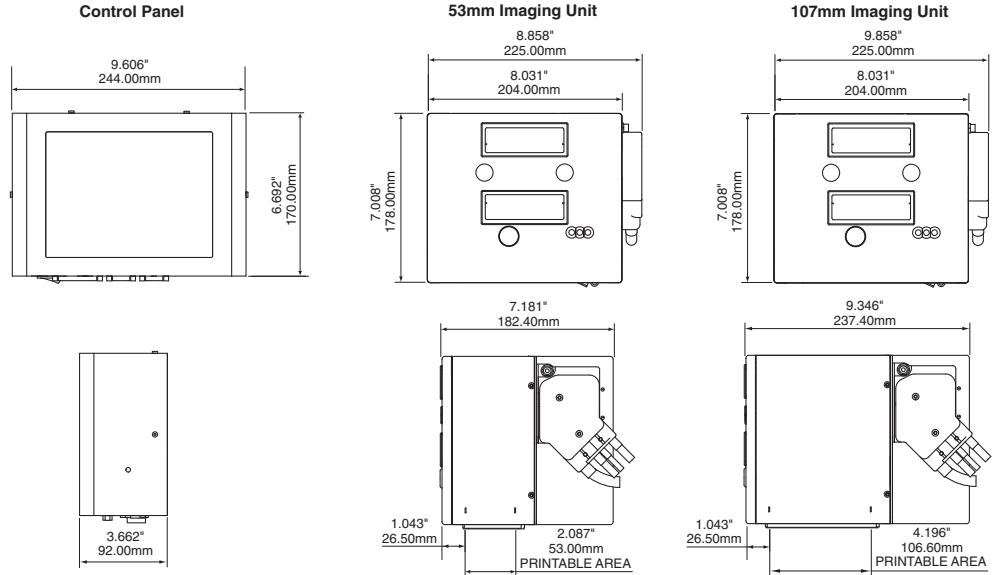
Videojet TotalSource® Services

The **Total**Source system is the finest and most complete technical support program in the business. It includes everything from expert applications assistance, operator training and a full spectrum of maintenance services. The TotalSource program ensures total customer satisfaction. **Support when and where you need it**

Control Panel

9.606"
244.00mm

6.692"
170.00mm

3.662"
92.00mm

53mm Imaging Unit

8.858"
225.00mm

8.031"
204.00mm

7.008"
178.00mm

7.181"
182.40mm

1.043"
26.50mm

2.087"
53.00mm
PRINTABLE AREA

107mm Imaging Unit

9.858"
225.00mm

8.031"
204.00mm

7.008"
178.00mm

9.346"
237.40mm

1.043"
26.50mm

4.196"
106.60mm
PRINTABLE AREA

Specifications

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

Continuous Printing Mode
2.1" (53 mm) wide x
5.3" (135 mm) long

107 mm Unit
Intermittent Printing Mode
4.2" (107 mm) wide x
3.0" (75 mm) long

Continuous Printing Mode
4.2" (107 mm) wide x
7.9" (200 mm) long

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)

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

Maximum Ribbon Length
53 mm Unit
3,281 feet (1000 meters)

107 mm Unit
1,969 feet (600 meters)

Ribbon Widths
0.8" (20 mm) min
4.3" (110 mm) max

Nominal Ribbon Waste Between Successive Prints
0.002" (0.5 mm)

Printing Capabilities
Full downloadable font support to
Windows® TrueType® (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

Power Supply
90-264V

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

Operating Temperature
41°-104°F (5°- 40° C)

External Inputs
3 PNP inputs

External Outputs
2 relay outputs and 2 PNP +24V outputs

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

Remote Coder Configuration software
CLARITY Configuration Manager
"Off-line" set up and parameter storage
available as standard

Image Design Software
CLARiSOFT

Network Management Software
CLARiNET

CERTIFIED
ISO 9001
DOCUMENTED QUALITY

CE

NRTL LISTED
cMET®

VIDEOJET®

GREEN
PEACE OF MIND