



Thermal Transfer Overprinting

# Videojet DataFlex® 6530

The Videojet DataFlex® 6530 includes iAssure™ technology, a built-in code quality checker to help reduce waste and rework with no additional hardware, installation or training.<sup>2</sup>

The Videojet DataFlex® 6530 is a high-speed thermal transfer overprinter built to offer superior performance and consistent high-quality printing. The airless, patented all-electronic system and ribbon drive can achieve print speeds up to 1000mm/s and throughputs up to 700 ppm<sup>1</sup>.

The 6530 offers multiple integration options with a modular design, and is available in two printhead widths, 53mm with iAssure™ and 107mm, to meet your specific application needs.<sup>2</sup>



## Uptime Advantage

- Reduce costs and downtime, maximise printhead life and gain consistent print quality thanks to airless Videojet Intelligent Motion™ technology
- Up to 1,200m ribbon capacity and a variety of ribbon economy modes help maximise the time between ribbon changeovers

## Built-in productivity

- Using default settings you can maintain consistent code quality and avoid conventional air and energy settings that operators might over-adjust
- Quickly discover code legibility issues that indicate the potential need for printer maintenance
- Industry-leading simple cassette change designed for fast ribbon replacement to maximise uptime
- 25% faster throughput than previous Videojet TTO models

## Code Quality Assurance

- Videojet iAssure™ technology<sup>2</sup>, a built-in code quality checker, helps reduce waste and rework with no additional hardware, installation or training
- Videojet CLARiTY™ software helps ensure the right code is consistently printed on the right product

## Easy usability

- Simple operator interface
- Designed to withstand tough production line environments
- Minimal wear parts are easy to change out, improving production line uptime

<sup>1</sup> Application and substrate dependent. iAssure™ technology is not currently supported for use with all ribbon savings modes.

<sup>2</sup> iAssure not available in 107mm printhead width

# Videojet DataFlex<sup>®</sup> 6530

## Thermal Transfer Overprinting

### Printhead

53mm or 107mm, 300dpi (12dot/mm)

### Print area

53mm intermittent printing mode: 2.1" (53mm) wide x 3.0" (75mm) long  
53mm continuous printing mode: 2.1" (53mm) wide x 11.8" (300mm) long  
107mm intermittent printing mode: 4.3" (107mm) wide x 3.0" (75mm) long  
107mm continuous printing mode: 4.3" (107mm) wide x 11.8" (300mm) long

### Minimum print speed<sup>1</sup>

Intermittent mode: 0.4 in./sec (10mm/sec)  
Continuous mode: 0.04 in./sec (1mm/sec)

### Maximum print speed<sup>1</sup>

53mm intermittent printing mode: 31.5 in./sec (800mm/sec)  
107mm intermittent printing mode: 23.6 in./sec (600mm/sec)  
Continuous mode: 39.4 in./sec (1,000mm/sec)

### Maximum throughput<sup>1</sup>

53mm normal print mode: Up to 500 prints per minute  
53mm high throughput mode: Up to 700 prints per minute  
107mm normal print mode: Up to 450 prints per minute

### Printing capabilities

Full downloadable font support using TrueType<sup>®</sup> 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

### Bar codes

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

### Operator interface

TFT SVGA 800x480 full-colour 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 ribbons

### Maximum ribbon length

Lengths up to 1,200 metres available, dependent on ribbon composition and colour

### Ribbon widths

53mm: 0.8" (20mm) min, 2.2" (55mm) max  
107mm: 2.2" (55mm), 4.33" (110mm) max

### Nominal gap between successive prints

0.02" (0.5mm)

### Ribbon saving features

Radial, interleaved, intermittent stripes

### Image design software

Videojet CLARISOFT<sup>™</sup>, CLARISUITE<sup>®</sup> or VideojetConnect<sup>™</sup> Design Template Management software

### Network management software

CLARINET<sup>™</sup>

### Remote coder configuration software

CLARITY<sup>™</sup> Configuration Manager  
"Off-line" set up and parameter storage available as standard

### Standard installation options master/follower configuration

Up to four Videojet DataFlex<sup>®</sup> 6530 printers controlled via a single CLARITY control unit

### Web browser mode

Control Videojet DataFlex<sup>®</sup> 6530 units remotely through the host packaging machine interface

### External communications

RS232, dual Ethernet, USB memory stick and scanner support, Binary and ASCII comms protocols, Windows<sup>®</sup> drivers, ZPL and SATO emulations

### External inputs/outputs

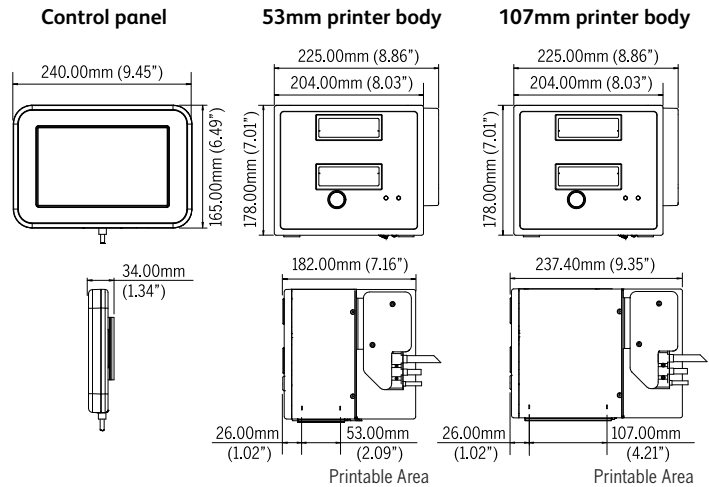
3 PNP inputs  
2 relay outputs and 2 PNP +24V outputs

### Power supply

100-240VAC

### Operating temperature

0-40°C (32-104°F)<sup>2</sup>



<sup>1</sup> Application dependent

<sup>2</sup> With selected ribbons. Actual installation may require additional hardware based on production environment.

CERTIFIED  
ISO 9001  
DOCUMENTED QUALITY



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