



Thermal Transfer Overprinting

# Videojet DataFlex® 6530

The Videojet DataFlex® 6530 offers the latest in TTO technology for flexible packaging applications, providing automatic code defect detection and multiple ways to help improve uptime and productivity.

When superior performance and uptime are critical for production efficiency and consistent high-quality printing is required, the Videojet DataFlex® 6530 is the ideal printer. The airless, patented all-electronic system and ribbon drive can achieve speeds up to 700ppm and offers multiple integration options with a modular design.

The Videojet DataFlex® 6530 comes standard with Videojet iAssure™ code quality assurance technology, which automatically detects common print defects, helping to ensure high-quality codes are applied to your packages time after time. Combined with our CLARiTY™ software, the 6530 reduces the potential for print and coding errors, reducing waste and rework with no extra manpower or equipment.



## Uptime Advantage

- Solid-state ribbon drive provides precise ribbon tension to help reduce unscheduled downtime associated with ribbon-related faults and ribbon breaks
- Detect dirty printheads or worn print platen/rollers before they cause production downtime with Videojet iAssure™ technology
- Airless, all-electronic design can deliver throughput at up to 500 packs per minute utilizing 1200m ribbons
- Simplest ribbon cassette on the market allows for fast and easy ribbon replacement

## Built-in productivity

- Multiple ribbon saving modes to help improve ribbon efficiency
- Monitor number and frequency of print defects; stop the line when there is an issue

## Code Assurance

- Reduce waste and rework by triggering a fault when patented Videojet iAssure™ technology detects multiple consecutive print defects
- Our CLARiTY™ software helps ensure the right code is consistently printed on the right product
- WYSIWYG print preview to confirm the correct code is selected and printing

## Simple usability

- Airless, all electronic design eliminates the need for air pressure adjustments
- Integrated tutorial videos available for maintenance operations
- Easy-to-change minimal wear parts, increasing uptime
- Compact, modular design to fit in tight spaces

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## Thermal Transfer Overprinting

### Printhead

53mm, 300dpi (12dot/mm)

### Print area

Intermittent printing mode: 2.1" (53mm) wide x 3.0" (75mm) long  
Continuous printing mode: 2.1" (53mm) 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>

Intermittent mode: 31.5 in./sec (800mm/sec)  
Continuous mode: 39.4 in./sec (1,000mm/sec)

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

Normal print mode: Up to 500 prints per minute  
High throughput mode: Up to 700 prints per minute

### iAssure<sup>™</sup> code quality assurance detector

#### Detectable Defects

Damaged print platen/roller  
Dirty printhead  
Damaged printhead  
Ribbon wrinkles  
Uneven print surface  
Overprints  
Misaligned printhead

### 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-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 ribbons

### Maximum ribbon length

Lengths up to 1,200 meters available, dependent on ribbon composition and color

### Ribbon widths

0.8" (20mm) min, 2.2" (55mm) max

### Nominal gap between successive prints

0.02" (0.5mm)

### Ribbon saving features<sup>2</sup>

Radial, interleaved, intermittent stripes

### Image design software

CLARISOFT<sup>™</sup>

### 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 drivers ZPL and SATO emulations

### External inputs/outputs

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

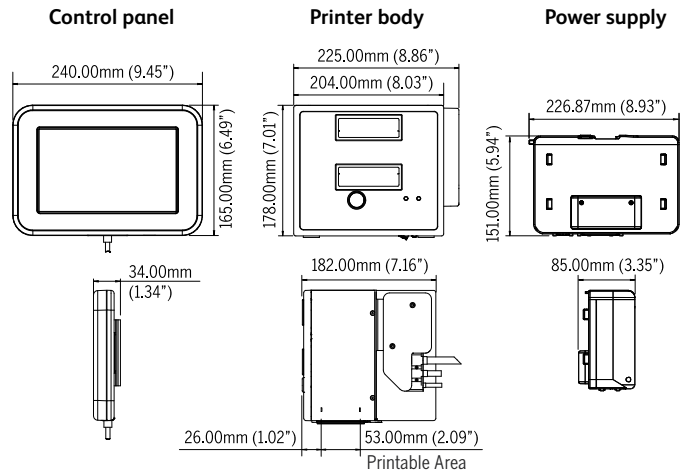
### Power supply

100-240VAC

### Operating temperature

0-40°C (32-104°F)<sup>3</sup>

<sup>3</sup> With selected ribbons. Actual installation may require additional hardware based on production environment conditions.



<sup>1</sup> Application dependent

<sup>2</sup> Not to be used in conjunction with iAssure<sup>™</sup>

CERTIFIED  
ISO 9001  
DOCUMENTED QUALITY



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Part No. SL000649  
ss-6530-us-0517  
Printed in U.S.A.

