



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

- Intelligent Motion™ technology removes the need for compressed air and associated costs and downtime, which helps maximize consistent print quality and printhead life
- Discover code legibility issues that indicate the potential need for printer maintenance
- Higher throughput versus prior models by 25%

Built-in productivity

- Default settings and no factory air gauge help maintain consistent code quality and avoid the risk of operators over-adjusting conventional air and energy settings
- Quick change printhead and minimal wear parts can reduce the time that production is interrupted when replacements are required

Code Quality Assurance

- iAssure™ technology automatically detects common print defects before pallets of product stack up, cause unwanted waste or reworked product and require additional operator time to correct the error*
- CLARiTY™ software helps ensure the right code is consistently printed on the right product

Easy usability

- Designed to withstand tough production line environments
- Minimal wear parts are easy to change out, improving production line uptime
- Compact design fits on almost all production lines
- Simple operator interface

* iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors and does not read bar codes.

Videojet DataFlex[®] 6530

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 speed¹

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

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

Maximum print speed¹

Intermittent mode: 31.5 in./sec (800mm/sec)

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

Maximum throughput¹

Normal print mode: Up to 500 prints per minute

High throughput mode: Up to 700 prints per minute³

iAssure[™] code quality assurance detector^{2, 3}

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[®] 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 features³

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/follower configuration

Up to four Videojet DataFlex[®] 6530 printers controlled via a single CLARITY control unit

Web browser mode

Control Videojet DataFlex[®] 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

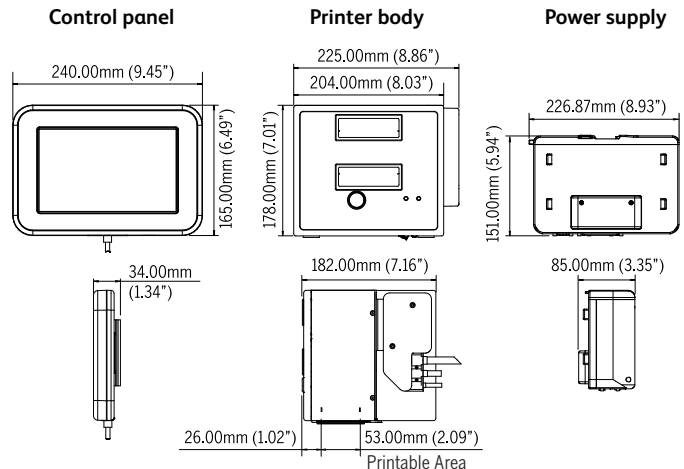
Power supply

100-240VAC

Operating temperature

0-40°C (32-104°F)⁴

⁴ With selected ribbons. Actual installation may require additional hardware based on production environment conditions.



CERTIFIED
ISO 9001
DOCUMENTED QUALITY



¹ Application dependent

² iAssure[™] technology complements existing quality control processes. It is not designed to detect all printing errors and does not read bar codes.

³ iAssure[™] technology is not currently supported for use with ribbon savings, high speed or high throughput print modes.

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Part No. SL000649
ss-6530-en-sg-0917

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