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.

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.

Uptime Advantage
- Reduce costs and downtime, maximize 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 maximize 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 maximize uptime
- 25% faster throughput than previous Videojet TTO models

Code Quality Assurance
- Videojet iAssure™ technology, 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

1 Application and substrate dependent. iAssure™ technology is not currently supported for use with all ribbon savings modes.
2 iAssure not available in 107mm printhead width.
Videojet DataFlex® 6530
Thermal Transfer Overprinting

**Printhead**
- 53mm or 107mm, 300dpi (12 dots/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**
- Intermittent mode: 0.4 in./sec (10mm/sec)
- Continuous mode: 0.04 in./sec (1mm/sec)

**Maximum print speed**
- 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**
- 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® 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 test blocks

**Bar codes**
- EAN & 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**
- 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 CLARISOF™, CLARISUITE® or VideojetConnect™ Design Template Management software

**Network management software**
- CLARI™

**Remote coder configuration software**
- CLARITY™ Configuration Manager
- “Off-line” set up and parameter storage available as standard

**Standard installation options leader/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)

**Certifications**
- 53mm version: CE, UL
- 107mm version: CE, TUV

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New printer quote 866-871-3226
Order supplies shop.videojet.com
Call 800-843-3610
or visit www.videojet.com
or email info@videojet.com

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