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.²

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 ppm¹.

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.²

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™ technology², 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
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Printhead
53mm or 107mm, 300dpi (12dots/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 speed1
Intermittent mode: 0.4 in./sec (10mm/sec)
Continuous mode: 0.04 in./sec (1mm/sec)

Maximum print speed1
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 throughput1
53mm intermittent printing mode: Up to 500 prints per minute
53mm continuous printing mode: Up to 700 prints per minute
107mm intermittent printing 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 text 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 CLARiSOFT™, CLARiSUITE® or VideojetConnect™ Design Template Management software

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)2

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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