Thermal Transfer Overprinting

Videojet DataFlex® 6330

The Videojet DataFlex® 6330 combines the need for code accuracy with the even higher quality technology, therefore reducing time and packaging waste, to give an overall more productive operation.

Featuring a 53mm printhead that performs both intermittent printing and continuous printing at a maximum speed of 750mm/second, the 6330 is built with an intelligent design to withstand tough production line environments, and intelligent maintenance with minimal parts wear and easy to change ribbons.

The Videojet DataFlex® 6330 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 6330 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 maximise consistent print quality and printhead life
- Discover code legibility issues that indicate the potential need for printer maintenance
- Industry-leading simple cassette change is designed for fast ribbon replacement to help maximise uptime

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.

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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 7.9" (200mm) long

Minimum print speed[1]
Intermittent mode: 1.6 in./sec (40mm/sec) full print quality; 0.4 in./sec (10mm/sec) draft mode print quality
Continuous mode: 1.6 in./sec (40mm/sec) full print quality; 0.04 in./sec (1mm/sec) draft mode print quality

Maximum print speed[1]
29.5 in./sec (750mm/sec)

Maximum throughput[1]
Up to 250 prints per minute

iAssure™ code quality assurance detector[2]
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-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 meters available, dependent on ribbon composition and colour

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

Nominal gap between successive prints
0.02" (0.5mm)

Ribbon saving features[2]
Radial, interleaved, intermittent stripes

[1] Application dependent
[2] iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors, does not read bar codes and is not currently supported for use with ribbon saving print modes.

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® 6330 printers controlled via a single CLARiTY control unit

Web browser mode
Control Videojet DataFlex® 6330 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
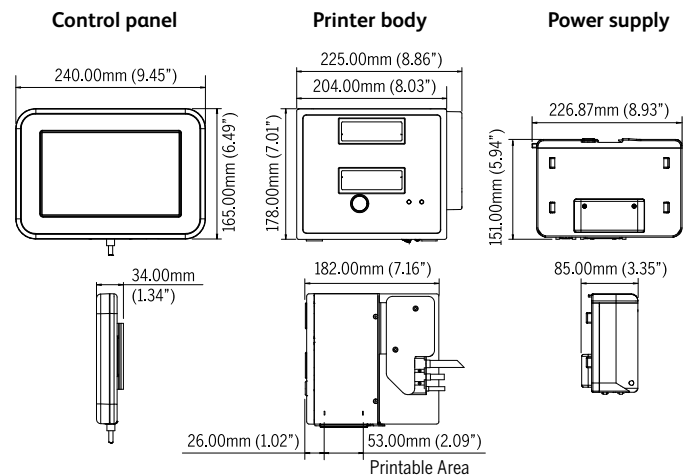3 PNP inputs
2 relay outputs and 2 PNP +24V outputs

Power supply
100-240VAC

Operating temperature
0-40°C (32-104°F)[3]

[3] With selected ribbons. Actual installation may require additional hardware based on production environment conditions.

Control panel
240.00mm (9.45")
165.00mm (6.49")
34.00mm (1.34")

Printer body
225.00mm (8.86")
204.00mm (8.03")
178.00mm (7.01")
182.00mm (7.16")
26.00mm (1.02")
53.00mm (2.09")
Printable Area

Power supply
226.87mm (8.93")
151.00mm (5.94")
85.00mm (3.35")

CERTIFIED
ISO 9001
DOCUMENTED QUALITY

CE

TÜV SÜD

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