The V230i thermal transfer printer

Exceeding your expectations for performance and value

For flexible films and labels, the V230i easily delivers the performance and coding you expect but without the costs.
The smart solution to thermal transfer coding

The V230i prints high resolution codes, text and images onto flexible foils, films and labels.

Unlike other thermal transfer coders, the V230i uses intelligent Technology to meet all your general purpose coding needs while keeping your costs as low as possible.

The i-Tech Ribbon Drive uses up to 60% less ribbon per print and virtually eliminates downtime related to ribbon break due to its unique dancing arm tension control. Ribbon change is also quick and infrequent thanks to cassette loading of larger than standard ribbon rolls.

Being small and compact, the V230i will fit into most existing thermal transfer brackets, so you can quickly upgrade your existing equipment with minimal installation cost.

A diverse range of applications

Domino’s V230i printers are ideal for goods packed using VFFS and HFFS machines and labellers across a wide range of food and healthcare applications:

- Print variable product information (e.g. ingredients lists) onto generic packaging. Easily highlight specific text in compliance with European food labelling regulations
- Clean, taint free technology eliminates risk of product contamination
- Clear, readable codes on every pack
- Ribbons to suit a wide variety of packaging materials
- Print variable text, logos and 2D codes over larger areas onto papers, films and labels

Greener credentials

Domino is committed to sound environmental practices and minimising the consumption of natural resources and energy and the creation of waste. We invest in our supply chain to ensure good social and environmental practice and we are supportive of developments to improve corporate accountability. Wherever practical our products are RoHS and WEEE compliant so that they are recyclable.

V230i

Innovative design has enabled a 40% reduction in weight (compared to previous models), helping to minimise environmental impact. Moreover, by enabling you to use up to 60% less ribbon and no compressed air, the Domino V230i also helps you to reduce your carbon footprint.
Performance to meet all applications

The V230i delivers the performance to meet all your general purpose printing and coding applications. Using a single, versatile system means you can also save on maintenance, inventory and training costs.

High Performing

The V230i can print consistently from low to high speeds (10-750mm/sec), exceeding the requirements of most production lines. The integrated print head heater ensures code quality is maintained, even at low operating temperatures.

Ribbons

A full range of Domino ribbon grades are available, allowing us to select the optimum grade, matching your packaging material and post processing requirements.

Versatile

Intermittent or Continuous printing modes are offered in the same printer, which can quickly convert between Left and Right handing to be ready to fit all configurations of VFFS / HFFs and labellers.

The V230i can also be used with a choice of interface devices to provide the level of control and security you require. You can even use an existing or shared PC based interface device to keep things simple on the production line.

Capable

At 300 dpi, the V230i supports text, logos, dynamic bar codes and 2D codes with ease. It can also link seamlessly with a database to download specific information for each print. Two print head width options (32mm and 53mm) offer a range of print areas.

Lowest running costs – thanks to the i-Tech Ribbon Drive

Domino’s i-Tech Ribbon Drive offers 4 ribbon save settings including ‘Economy Mode’ which allows you to use up to 60% less ribbon per print – without affecting print quality. As well as reducing ribbon costs this increases the effective ribbon roll length, significantly reducing costs associated with ribbon changeovers.

Reliable

Downtime caused by ribbon breaks is virtually eliminated by i-Tech’s unique Dancing Arms, which constantly maintain ribbon tension. Additionally, the system does not need compressed air, further improving reliability and reducing running costs.
**Easy to use**

**QuickStep** User Interface - no action is more than 3 taps away

QuickStep is our unique, simplified operator interface that gets the printer in action as quickly as possible. No complex menus or parameters, just enter the job and away you go.

- Large user friendly icons and customisable home screen for quick access to favourite menus and settings
- Create and edit messages easily using the WYSIWYG drag and drop message editor at the line side
- Intuitive 3-tier menu structure makes QuickStep quick to learn and simple to remember
- Simplified Message Store and live WYSIWYG message preview to speed up changeovers and help eliminate coding selection errors

**QuickDesign Lite - Simplifying message design**

QuickDesign Lite is a single, easy to use Windows® application that gives you the flexibility of creating all types of coding messages from a remote PC. It also lays the foundation for providing increased automation of your coding needs.

- Simply create, edit and send your message to your V230i by network or USB stick
- Allows simple highlighting of text in compliance with European food labelling regulations.
- Available for your V230i at no extra cost
- Easily upgradeable to QuickDesign for increase connectivity, control and Coding Automation capabilities

**Quick to install and retro-fit**

**Compatible**

The V230i is compact, allowing it to retro-fit simply into your existing thermal transfer brackets with use of a simple adapter block.

Retro-fit can be achieved in under an hour and because the V230i is also compatible with other label creation and printer control software packages, you can get all the benefits of V230i without re-creating all your messages or changing the way you work.

**Smart**

AutoAlign, our unique (patent pending) head control technology, simplifies installation. At the touch of a button, the print head automatically aligns to the optimum position, without the need for shims or tools. There is also no need supply or connect compressed air.

**Service and support excellence**

With over 35 years as a preferred global partner to many manufacturers and OEMs, we have built an excellent reputation for our portfolio of coding solutions and for delivering the best service. From initial consulting through commissioning to service and support, our people’s expertise and understanding ensure we match your specific coding needs and meet your expectations as a partner you can rely on.

Domino. Do more.
A quick tour around the V230i

- **Ribbon Drive** reduces ribbon use by up to 60%
- 770m ribbon rolls for long production runs, with effective length of up to 1925m when Economy Mode is used.
- Proven ‘Dancing Arm’ technology ensures no ribbon break-related downtime
- Continuous and Intermittent Mode functionality in the same printer – suitable for all applications
- Connectivity with USB and Ethernet
- 5.7” Portable TouchPad with QuickStep interface - quick connection via USB allows sharing between printers and safe storage
- Two print head width options (32mm and 53mm) offer a range of print areas at 300dpi
- A range of user interface options to suit your needs:
  - 10.4” TouchPanel with QuickStep interface - control one or more networked printers; IP65 rated to withstand harsh environments
  - QuickStep includes Built in Label Creation capability to design messages line-side at no extra cost
  - Use any alternative PC based interface and our QuickStep App to reduce cost and complexity on your production line

**Domino. Do more.**
**Technical Specification:**

<table>
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<th>Printer Specification</th>
<th>V230i (32mm)</th>
<th>V230i (53mm)</th>
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<tbody>
<tr>
<td><strong>Printers</strong></td>
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<tr>
<td><strong>Printing Modes</strong></td>
<td>Intermittent and Continuous in the same printer</td>
<td></td>
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<tr>
<td><strong>Left hand / Right hand</strong></td>
<td>Both options available (convertible with no extra parts in 15 minutes)</td>
<td></td>
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<tr>
<td><strong>Print resolution</strong></td>
<td>320 dpi</td>
<td>320 dpi</td>
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<tr>
<td><strong>Maximum print area (IM)</strong></td>
<td>32 mm x 55 mm</td>
<td>53 mm x 55 mm</td>
</tr>
<tr>
<td><strong>Maximum print area (CM)</strong></td>
<td>32 mm x 500 mm</td>
<td>53 mm x 500 mm</td>
</tr>
<tr>
<td><strong>Print speed (max) (IM)</strong></td>
<td>400 mm/s*</td>
<td>400 mm/s*</td>
</tr>
<tr>
<td><strong>Speed range (CM)</strong></td>
<td>10 mm/s – 750 mm/s*</td>
<td>10 mm/s – 750 mm/s*</td>
</tr>
<tr>
<td><strong>Print repeat rate (max)</strong></td>
<td>6 prints/s (with a 10mm long print)*</td>
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</tr>
<tr>
<td><strong>Ribbon drive technology</strong></td>
<td>i-Tech Ribbon Drive with unique Dancing Arm tension control</td>
<td></td>
</tr>
<tr>
<td><strong>Max ribbon length</strong></td>
<td>770m (up to 1925m effective length with Economy Mode)</td>
<td>770m (up to 1925m effective length with Economy Mode)</td>
</tr>
<tr>
<td><strong>Standard Ribbon widths</strong></td>
<td>34 mm, 22 mm</td>
<td>55 mm, 34 mm</td>
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**Ribbon save modes**

- **Economy Mode**: Variable in 1% increments up to 60%
- **Retraction Mode**: Less than 1 mm gap between prints
- **Column Mode**: Yes
- **Stop mid print**: Yes

**Print features**

- **Date code format**: Yes
- **Offsets**: Yes
- **Shift codes**: Yes
- **Serial number generation**: Yes
- **Fonts**: Most true type fonts
- **Dynamic bar codes**: Yes
- **2D codes**: Yes
- **Database linking**: Yes
- **Logos / bitmaps**: Yes
- **In-field text highlighting**: Yes – via QuickDesign Lite

**Graphical User Interface**

- **QuickStep**: full colour Interface. Intuitive navigation via, large, easy to read buttons and icons. WYSIWYG print preview. Multilanguage support.

**Controller options**

- **No dedicated controller required.** Options:
  - Domino TouchPanel (10.4”)
  - Domino TouchPad (5.7”)
  - PC based interface (via Ethernet cable or network)

**Connectivity**

- **Ethernet / USB x 2 / mini USB (service)**
- **Print Go, Encoder**
- **Error, Ready, Ribbon Low, Spare (software configurable volt, free contacts)**
- **Master slave, macros, password, fastmode**

**Label creation**

- **Onboard and via QuickDesign Lite** (PC application included)

**Electrical requirements**

- **90v - 264v AC 50/60Hz, OR 24v DC (+/- 2%) at 5A (if direct)**

**Dimensions**

- **Dimensions (W):**
  - V230i (32mm): 218mm x (H): 160mm x (D): 176mm
  - V230i (53mm): 218mm x (H): 160mm x (D): 197mm

- **Weight**: 6.9kg, 7.5kg

**TouchPanel Specification**

- **Type**: 10.4 inch, full colour touchscreen (800x600 resolution) VESA mountable with optional brackets
- **IP Protection**: Certified to IP65
- **Connectivity**: 2 x USB, Ethernet
- **Electrical requirements**: 100/240 VAC, 50/60Hz
- **Dimensions**: W 307mm x H 232mm x D 75mm
- **Weight**: 2.8kg

**TouchPad Specification**

- **Type**: 5.7 inch, full colour touchscreen (640x480 resolution), Handheld with docking station included.
- **Connectivity**: USB, Ethernet, Mini USB (for power / data connection to printer)
- **Dimensions**: (W): 173mm x (H): 128mm x (D): 34mm excluding docking station,
- **(W): 181mm x (H): 135mm x (D): 50mm including docking station
- **Weight**: 0.4kg

**PSU Specification**

- **Standard**: Dimensions / Weight: W: 67 mm x H: 34 mm x D: 166 mm / 0.4kg
- **Cable length (PSU to printer)**: 1.2m
- **Optional Industrial Long Length**: Dimensions / Weight: W: 117 mm x H: 217 mm x D: 63 mm / 1.0kg
- **Cable length (PSU to printer)**: 2.8m

**Environmental requirements**

- **Temperature**: 5°C to 40°C
- **Humidity**: 20-80%, non condensing

*Note: Capability is dependent upon application and substrate type as well as message length*

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