



The V320i thermal transfer printer

Industry-leading speeds, versatility *and* economy



The highest performing
and most cost effective
coding solution for
flexibles and labels.



Scan the code to find
out more about V-Series

Domino. Do more.

The ultimate in Thermal Transfer coding

The V320i prints large area, high resolution codes, text and images on flexible foils, films and labels.

Domino's innovative **i-Tech** Ribbon Drive ensures the fastest printing speeds, allowing us to match or even exceed speeds of the fastest horizontal and vertical packaging machines, labellers and label converters.

With the largest ribbon rolls in the industry and unique ribbon save features, the V320i also delivers the lowest cost of ownership of all thermal transfer printers.

The V320i is also fully flexible, allowing you to choose whether you want to run in intermittent or continuous mode, left or right handed. It also lets you use your own user interface without the need for a dedicated controller.

A diverse range of applications



Large area printing of variable data onto papers, films and labels



Change ingredient listings or similar to customise a generic packaging film for many uses



Print crisp clean text, logos and machine readable codes at the fastest speeds



Reliable printing in cold environments and excellent code adhesion – even after freezing



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. We meet all RoHS requirements and frequently exceed WEEE compliance on our products.

Fastest printing speeds in the industry



Accurate

The V320i prints complex data incredibly clearly and consistently across the full operating range – with an impressive speed range (from 10 to 1400mm/sec) and a high print repeat rate (up to six prints per second).

Clever

Domino's ground-breaking **i-Tech** Ribbon Drive incorporates our unique 'Dancing Arm' tension control. This keeps the ribbon in perfect tension even when under high acceleration, enabling you to print at the highest production speeds.



Easy to configure to match your application



Versatile

Designed to be fully-flexible, the V320i serves the widest range of applications. You can use the same printer in both Intermittent Mode (IM) and Continuous Mode (CM) over the complete print speed range, and also easily convert between left- and right-handed positioning.

A full range of ribbons is available, complying with the latest legislative and environmental standards.

You can also use the V320i without a dedicated controller: Just connect to any PC based interface, including laptop or host packaging machine interface, to meet the needs of your application.

Capable

At 300dpi, the V320i tackles text, logos, dynamic bar codes and 2D codes with ease and can link seamlessly with a database if necessary. Two print head width options (53mm and 128mm) offer the widest range of print areas.

Resilient

The V320i performs just as well in conventional, dusty, damp or cold environments thanks to the removable cover, which protects the print head against dust and condensation. The integrated heater ensures consistent code quality and improves print head life at low temperatures.

Lowest Total Cost of Ownership in the industry



Economical

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: a major saving in ribbon costs.



Efficient

1400m long ribbon rolls minimise the number of roll changes and downtime, and with Economy Mode, the effective length can more than double, halving the number of stoppages. During ribbon change, re-calibration is fast to get you printing again as quickly as possible.

Reliable and low maintenance

Ribbon breaks (and associated downtime) are virtually eliminated by **i-Tech's** unique 'Dancing Arms', which constantly maintain ribbon tension. They are also maintenance free so minimising any user intervention required.

Easy to use

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

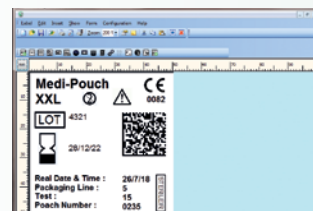
QuickStep is our unique, simplified operator interface that gets the printer in action as quickly as possible. No complex menus or parameters, just enter the job and away you go.



- 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 V320i by network or USB stick
- Simplifies generation of complex messages, including full Unicode character support
- Available for your V320i at no extra cost
- Easily upgradeable to **QuickDesign** for increase connectivity, control and Coding Automation capabilities

Domino. Do more.

A quick tour around the V320i

Optional wall mounted **TouchPanel**, certified to IP65 standards – Alternatively use any PC based interface

QuickStep graphical user interface for effortless control and status reporting



Continuous and Intermittent Mode functionality in one printer – suitable for all applications

Proven 'Dancing Arm' technology allows printing at the fastest line speeds, ensuring no ribbon break related downtime

1400m ribbon rolls for the longest production runs without replacement

i-Tech Ribbon Drive reduces ribbon use by up to 60% without compromising code quality

Two print head width options (53mm and 128mm) offer wide range of print areas at 300dpi



Our next generation of primary coders deploy our unique *intelligent Technology* system, **i-Tech**. Our aim was to make production lines lower maintenance, lower cost and more efficient. **i-Tech** has helped us to achieve that aim.

Domino. Do more.

Technical Specification:

V320i (53mm)		V320i (128mm)	
Printer Specification			
Printing Modes	Intermittent Mode (IM) and Continuous Mode (CM) in the same printer		
Left hand / Right hand	Both options available (convertible within 30 minutes)		
Print resolution	300 dpi		
Maximum print area (IM)	53mm x 115mm	128mm x 115mm	
Maximum print area (CM)	53mm x 2700mm	128mm x 1000mm	
Print speed (max) (IM)	720mm/*		
Speed range (CM)	10mm/s – 1400 mm/s*		
Print repeat rate (max)	6 prints/s (with a 10mm long print)*		
Ribbon drive technology	i-Tech Ribbon Drive with unique Dancing Arm tension control		
Max ribbon length	1600m (up to 4000m effective length with Economy Mode)		
Standard Ribbon widths	30mm, 55mm	130mm	
Ribbon save modes			
Economy mode	Variable in 1% increments up to 60%		
Retraction mode	Less than 1mm 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	Yes		
Dynamic bar codes	Yes		
2D codes	Yes		
Database linking	Yes		
Graphical User Interface	QuickStep , full colour Interface Intuitive navigation via large, easy to read buttons and Icons. WYSIWYG print preview. Multi-language support		
Controller options	No dedicated controller required. Hardware Interface options: • Domino TouchPanel via Ethernet cable or network • Domino TouchPad via Ethernet cable or network • PC based interface via Ethernet cable or network		
Connectivity	Ethernet, USB, SD card and Mini USB (for service)		
Inputs	Print Go, Encoder		
Outputs	Error, Ready (software configurable)		
Special features	Master slave, password, fastmode, macros, Labelspeed		
Label creation	Onboard and via EasyDesign (included)		
Electrical requirements	115/240 VAC, 50/60 Hz, 300 VA		
Compressed air requirements	0.3ml / Print (6 Bar Max) 0.5ml / Print (6 Bar Max)		
Dimensions	W 262mm x H 190.3mm x D 220mm	W 262mm x H 190.3mm x D 295mm	
Weight	12kg	13.5kg	
TouchPanel Specification			
Type	10.4 inch,full colour touchscreen (800X600 resolution) VESA mountable with optional brackets		
I.P. Protection	Certified to IP65		
Connectivity	2 x USB, Ethernet		
Electrical requirements	100/240 VAC, 50/60 Hz		
Dimensions	W 307mm x H 232mm x D 75mm		
Weight	2.8kg		
TouchPad Specification (not illustrated)			
Type	5.7 inch, full colour touchscreen (640x480 resolution) Handheld with docking station included		
Connectivity	Ethernet (for connection to printer or Network), USB		
Electrical requirements	Powered via universal Mini USB power adapter (supplied) 115/240 VAC, 50/60Hz input		
Dimensions	W 170.0mm x H 127.9mm x D 33.7mm (excluding docking station)		
Weight	0.4kg		
PSU Specification			
Dimensions	W 171.6mm x H 84.6mm x D 273.9mm		
Weight	2.45kg		
Environmental requirements	Temperature: 5°C to 40°C. Humidity: 20-80%, non condensing		

*Note: Print capability is dependent upon application and substrate type.

