The Domino V-Series

Reliable high-speed thermal transfer printers for all applications

The V-Series range provides high-quality thermal transfer over-coding on flexible packaging and is ideal for high volume manufacturing environments using form, fill, seal packaging machines and labellers. A specialist multi-lane version is also available.

Consistent high-quality coding

The V-Series range provides clear legible codes on both intermittent and continuous high-speed production lines. The V100 and V200 models integrate seamlessly into vertical and horizontal form/fill/sealers while the V400 has been designed specifically for horizontal multilane packaging machines.

All models benefit from:

- 300dpi print heads producing sharp high quality text, barcodes, logos and Data Matrix codes

- Simple technology providing consistency with minimal maintenance requirements

- Easy to install on existing packaging machines with a range of adjustable brackets.

- Clean technology ideally suited to the food and pharmaceutical industries.

Ideal for high volume manufacturing

Domino ribbons

Ribbons for V-Series are available in a wide range of grades, colours and widths and provide excellent performance for a wide range of web materials and industry applications.

Domino ribbons have been extensively tested to ensure that codes remain clearly legible when the manufacturers' products reach the end consumer. Tests on the printed code include freezing, steam-sterilisation, scratch-resistance and light fastness (resistance to fading through exposure to sunlight).

Real time clocks, off sets, graphic, standard barcodes plus RSS and Data Matrix coding

V-Series controllers offer powerful printer control and on-board label creation. They can be networked for remote operation and are compatible with a variety of external label creation and networking solutions.

Ribbon economy and retraction features for V200 and V400

V-Series controllers

The touch screen control units, which can be networked for remote operation, run on an intuitive windows-based system that supports all true-type fonts and Unicode.

- Full Label creation capability eliminates the need for additional costly software

- Powerful industrial PC provides a powerful and reliable platform capable of high speed handling of high density graphics from one code to the next

- Includes a macro capability to meet special coding needs without the need for custom-designs

- Compatible with ODBC databases allowing simple integration with customer ERP and other IT systems

- CFR 21 part 11 capability offers compliance to FDA standards for good manufacturing practices for (bio)medical, pharmaceutical, food, cosmetics and veterinary businesses

- Optional FHE version for reliable operation in harsher environments

- Compatible with a wide range of label creation and networking software.

EASYDESIGN software

EASYDESIGN allows remote label creation via PC and quicker design of more complex codes. It is economical, easy-to-use and simply transfers the label design between PC and V-Series controller via ethernet or serial interface.

Clean technology ideally suited to all production environments including food and pharmaceutical

Technical specifications

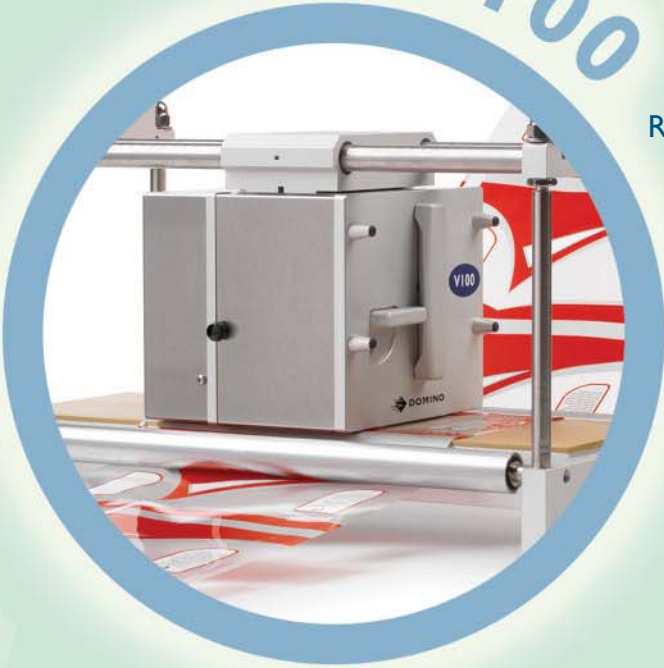|	V100	V200	V400	
	2"	2"	2"	5"
Print Unit				
Weight & dimensions	6.5 kg, (W)211 (H)178.4 (D)202.5	7.8 kg, (W)262 (H)190.3 (D)203.8	34–37 kg (W)617/707/847 (H)272 (D)327	34–37 kg
Print density	300 dpi	300 dpi	300 dpi	300 dpi
Print speed	50–500 mm/sec	50–1400 mm/sec	100–800 mm/sec	100–800 mm/sec
Print area	53 x 106 mm	53 x 2700 mm	53 x 350 /440/580 mm	130 x 350 /440/580 mm
Character control	Real time clocks, text (in true type fonts), logos, bar codes and graphics			
Ribbon system				
Ribbon length (up to)	450 m	1400 m	650 m	650 m
Ribbon width	20–55 mm	20–55 mm	20–55 mm	20–130 mm
Ribbon saving features	Standard gap minimized	Variable Ribbon Economy up to 60%★ Retraction system reduces gaps between used ribbon to < 1mm Overlapping possible on V200	Variable Ribbon Economy up to 25%★ Retraction system reduces gaps between used ribbon to < 1mm	
Control Unit				
Weight & dimensions				
STD V-Series controller		(W)332 (H)200+75 (D)97	5.0 kg	
FHE V-Series controller		(W)202.5 (H)142.3 (D)190+75	6.0 kg	
Display	5.7" intuitive touchscreen			
Software	Standard: Onboard design software. Option: external windows based software: Easydesign			
Environment				
Temperature	5 – 45 ˚C (40 – 112˚ F)			
Humidity	10 – 80% without condensation			
Electrical	115/230 VAC, 50/60 Hz, 300VA			
Compressed air	10 lt/min @ 6 BAR, max	10 lt/min @ 6 BAR, max	10 lt/min @ 6 BAR, max	10 lt/min @ 6 BAR, max
Standard connections				
Special functions	Integration with databases – Ultra high-speed data transmission ensures fast upload. Macro function★★. Auto real time and date, auto incrementing number and bar codes, auto best before date calculations. Upload or create new designs and modify printer settings while the printer is running. User/password administration.			
Alarm output	Low ribbon warning, ribbon end, general faults			
Network	Ethernet 10/100 base TX			
Options	FHE Controller for harsh environments			
Accessories	Full range bracketry and accessories			

★ The ribbon Economy achieved is dependent upon web material used and the factory environment

★★ The V-Series contoller macro funtion can be programmed to meet specific customer coding requirements.

Non specified dimensions in milimetres

V100

RELIABLE HIGH-SPEED PRINTER DESIGNED FOR INTERMITTENT APPLICATIONS.

- High Speed – 500mm/sec
- Large print area 53mm x 106mm
- Robust cassette construction Ensures reliability in industrial environments
- For use on all types of horizontal (HFFS) and vertical (VFFS) packaging machines and labellers
- Full set of brackets and accessories

V400

HIGH-SPEED PRINTING FOR WIDE-AREA PRINT REQUIREMENTS ON INTERMITTENT, MULTI-LANE APPLICATIONS.

- Large print area up to 130mm x 580mm
- High top speed (800mm/sec) enables a large number of prints per minute for optimized production output
- Variable ribbon economy up to 25% for consumable savings
- Static and automated, multi position bracket systems available

V200

DESIGNED FOR ALL CONTINUOUS APPLICATIONS, WITH LOWER CONSUMABLE COSTS AND MAXIMISED UPTIME.

- Industry-leading ribbon length of 1400m reduces changeovers and maximises production uptime
- Patented variable Ribbon Economy function reduces consumable usage without compromising print quality
- Maintenance-free clutchless Dancing Arms provide ribbon tension control preventing ribbon breakage and ensuring responsiveness at high-speed
- Robust cassette construction ensures reliability in industiral environments
- High Speed 50 – 1400mm/sec
- Large print area (53 x 2700mm)
- Full set of brackets and accessories

insignia is a national label manufacturing business that has been helping our customers with identification solutions for over 40 years. insignia is also the national distributor for sales and service of all Domino coding & marking equipment.

Quality is the foundation of insignia.
Quality products, processes, service and above all, quality people. Utilising the top global brands in coding & labelling, and having key alliances with standards bodies such as GS1 Australia, ensures insignia always delivers our customer's project outcomes.

insignia is committed to lifetime support for your systems.

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Domino *plus* is an integrated range of high quality products and services that addresses the most common causes of reduced efficiency in manufacturing – down time, speed losses and defects, and has been developed in response to needs expressed by customers. A key ingredient to successful manufacturing is the continual improvement of overall equipment effectiveness. Understanding this, Domino *plus* has been developed to ensure improved availability of equipment, supported by a high performance organisation and its people. Our commitment is to continually evolve by listening to manufacturers and supplying the tools that will enhance their business.

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