



Domino G-Series thermal ink jet printers

The modular solution for difficult substrates

Print control flexibility with
innovative fluids, enabling
simplicity without the cost.



Domino. Do more.

Multi-purpose coding made easier

Domino brings its 30 years of printer experience and fluids technology together to simplify Thermal Ink Jet (TIJ) installation and operation.

Our specially formulated range of water based and ethanol inks are tried and tested in the most challenging environments on the most popular substrates, utilising industry-standard thermal ink jet cartridges.

Whether your line is simple or complex, the G-Series range has the capability to integrate easily, with up to four print heads managed by a single controller.

A diverse range of applications



High contrast and excellent adhesion to provide high quality codes for use in many applications.



Industry standard code formats, can be applied using combinations of alphanumeric text, 2D data matrix codes for enhanced traceability.



Alphanumeric text, logos can be applied permanently to some of the most challenging substrates with ease.



High quality multiple codes can be applied to a wide variety of substrates if required.



Greener credentials

Domino's commitment and investment in sound environmental practices means we frequently exceed the demanding governmental, industry and company standards and regulations. We are committed to minimising the consumption of natural resources and energy and the creation of waste. Additionally, our products are RoHS and WEEE compliant so that they are recyclable.

Low running costs – low cost per print

Efficient

No other TIIJ printing solution offers the functionality of Domino's unique fluid formulations in a convenient changeable print cartridge. It's clean, efficient, reliable, and service free.



Predictable

Once the code is loaded into the controller; whether it is a logo, alphanumeric text, barcode or 2D data matrix code, the total number of prints possible per cartridge can be displayed on the user interface, allowing an accurate prediction of cost.



High resolution, high speed printing

The G-Series can print high definition (up to 600dpi) machine readable codes for enhanced traceability.

Ideally suited to industrial environments, it is able to print at high quality in demanding applications, and at high production line speeds.



Inks developed to match your substrates

Optimised

Domino has developed a portfolio of water and ethanol based inks, which provide broad suitability to match your diverse substrate. High performance inks and print head drivers are optimised to produce high jetting quality, and large numbers of prints per cartridge.



Versatile

Our experience in industrial inks has made our G-Series printers the perfect choice for a wide range of packaging materials, including porous and non-porous substrates.

High performance

The range of inks and the print performance make it well suited to fast flow wrapping food lines, or multi-substrate pharmaceutical and healthcare packaging.



Versatile configuration to meet more applications

Scalable solutions

The G-Series is a very modular system which can be configured in a variety of ways to grow with your production demands. The controller has the power to manage up to four print heads in many different configurations – making integration easier and very cost effective.

Select from a single head configuration for simple applications, to a four head set-up printing on four production lines with multiple messages for the most complex production applications.

Each head can print up to four lines of text, bar codes, 2D codes and logos – with multiple head configurations being able to handle large and complex graphics.

Networking capability

The controller, with its management software, is common to all the G-Series range and can be networked via Ethernet.



Easy to use with virtually no maintenance

Easy to install

G-Series is extremely easy and quick to install, integrate and configure into any production environment.

Clean

Cartridge changes are simple, quick and clean. The G-Series is the ideal solution for pharmaceutical, healthcare and food applications.



Simple to use

Programming, set up and production operation can be controlled via the built-in user interface and messages can be edited while the printer is running to minimise production downtime.



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A quick tour around G-Series

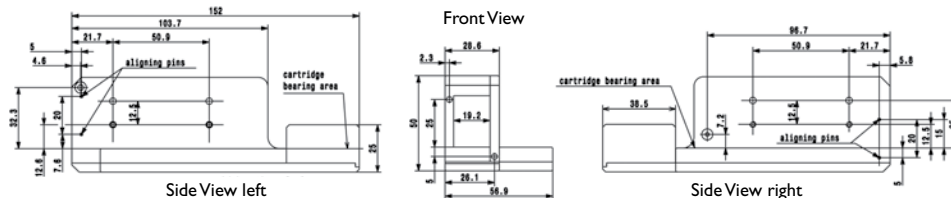


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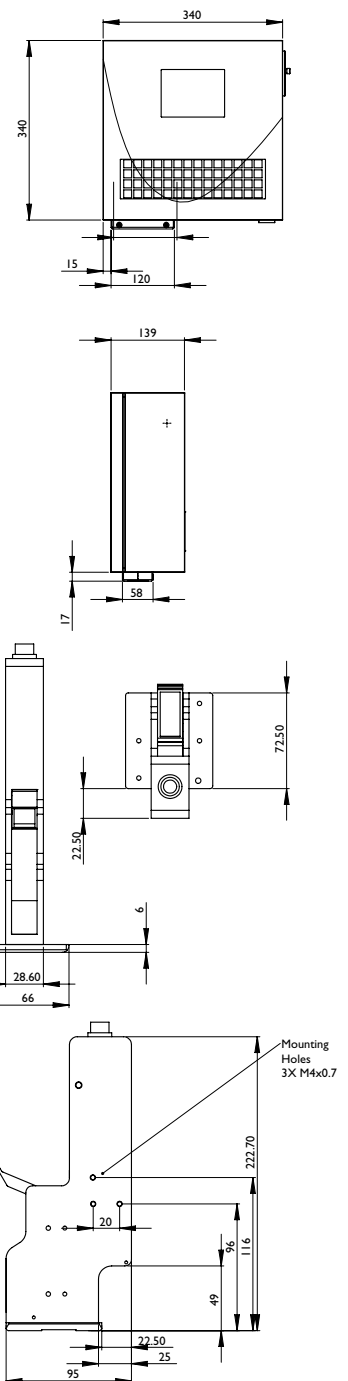


Technical Specification:

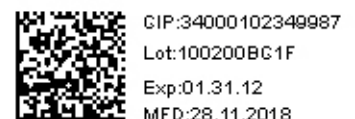
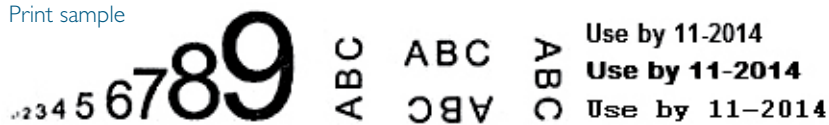
CONTROL UNITS	G100	G200	G300
PRINT HEADS			
Number of printheads per controller	2	4	4
Number of print groups	2	2	4
Print speed	300m/min (984 ft/min) dpi dependent or 60 m/min @ 300dpi		
Maximum print height	25.4 mm / 1" (2 x 12.7mm)	50.8 mm (2") (4 x 12.7mm)	50.8 mm (2") (4 x 12.7mm)
Graphics		•	•
Bar codes (EAN 8, UPC-A, UPC-E, EAN13, Code39, EAN128, Code128, ITF14)		•	•
2D Bar codes (Datamatrix, GSI-128)		•	•
Fonts	Arial/Courier only	Unlimited	Unlimited
DIMENSIONS – CONTROLLER			
Length		340mm (13.38")	
Width		340mm (13.38")	
Depth		139mm (5.47")	
Weight		10 kg, 22 lbs	
PRINTHEAD	STANDARD	LOW PROFILE	
Length	222mm (8.74")	152mm (5.98")	
Width	95mm (3.74")	56.9mm (2.24")	
Depth	28.6/66mm (1.13/2.6")	50mm (1.97")	
Conduit length	5, 10, 25m available	5M, 10M, 25M available	
INKS		Water; Solvent Based	
RANGE SPECIFICATIONS			
Construction	Powdered coated steel		
User Interface	Graphical LCD		
Voltage	90 – 264 VAC		
Electrical Requirements	Frequency 47 – 440 Hz Power 80 VA		
Features	Ethernet Capable, RS232, Alarm output, CAN bus, BCD		
IP Rating	54		



All dimensions in mm (inches)



Print sample



www.domino-printing.com

GSI1110 We reserve the right to change the design or specification of our products without notice. Some of the information contained in this brochure is general in nature and customers should check that it is applicable to their individual circumstances.

