



G45i & G55i –Longer Runs. Fewer Refills.

Engineered for seamless integration, longer print runs, and exceptional print quality.

The **G45i** & **G55i** printers are designed as compact units optimized for high-production secondary coding applications. They enable scalable, continuous operations with single and dual printheads and seamless stitching capabilities. The G45i offers a Single EXTe Head (25.4mm), while the G55i offers a Double EXTe Head (25.4mmx2).

Designed for porous substrates, these water-based solutions maximize uptime through a long-lasting 400 ml Bulk Ink System paired with a 40 ml cartridge, minimizing changeovers and delivering consistently high-resolution results.



Easy to integrate

- ◆ **G45i Single Printhead:** 25.4 mm
G55i Dual Printhead: 25.4 mm x 2
- ◆ The dual printhead operation allows for versatile applications, enabling line coding on both sides, handling two individual tasks, or increasing message height up to 50.8 mm.
- ◆ Print Speeds: Up to 76m/min, and resolutions up to 300 x 300 DPI, making it ideal for high-resolution and fast-paced production requirements.



Built for Continuous Production

- ◆ Maximize Uptime • Reduced Replacements • Fewer Changeovers • Cost-Efficient Operation • Reliable Secondary Coding

Smart Features. Better Performance.

- ◆ **Bulk Ink System:** Equipped with a 400ml capacity for enhanced printing efficiency.
- ◆ **Cost-Effective Printing:** Provides a lower cost per print compared to traditional cartridge systems.
- ◆ **Modular Design:** Features a flexible configuration that allows for independent replacement of the cartridge and bulk ink system.
- ◆ **User-Friendly Operation:** Easily operate and monitor the printer via the touchscreen or a web browser.
- ◆ **Automatic Recognition:** Automatically identifies cartridges and sets ink parameters accordingly.



BULK INK CARTRIDGE

BULK INK MODULE

www.domino-printing.com

Domino. Do more.



A Complete Solution

Our services are designed to provide operational insight so you can eliminate downtime and maximise production efficiency.

Operational support

Our **SafeGuard** packages provide high-quality, on-site assistance, and AR-enabled remote guidance from our engineers, helping us be with you when you need us most.

Automatic code inspection

Automate your code inspection to validate code presence, placement, and readability with Domino's range of vision control systems, R-Series. This ensures every code that leaves your factory is present correct and frees up operator time.



Technical Specification

Controller Specifications	G45i	G55i
Controller Dimensions	195 x 151.7 x 51 mm, weight 1.1kg	195 x 148 x 51 mm, weight 1.2kg
Printer Specifications		
Printhead dimensions	190.4 x 52.58 x 104.96 mm, weight 0.39 kg	190.4 x 52.58 x 104.96 mm, weight 0.39 kg
Printhead cables	1.5m	
Printheads per controller	1 Printhead	Upto 2 Printheads
Print height	Max 25.4 mm (1 Printhead)	Max 50.8 mm (2 Printheads)
Throw Distance	Up to 5mm	
Print speed and horizontal resolution	76m/min @ 300x300 DPI Max 300x600 DPI	
Ownership Specifications		
External connection options	1 x Ethernet port, 1 x Printhead port, 1 x Power supply port, 1 x DB15 male port for sensor, encoder I/O and Alarm beacon	
Electrical supply	DC 24V 2.5A, 60W	
Controller operating temperature	10°C to 40°C	
Operating relative humidity	40 - 80%, Non-condensing	
Template Length	1.5m @ 300x300 DPI	
Label Design	High-res 1D, 2D Barcodes, Logo, counter, and alphanumeric are supported	
Database	TXT, CSV, SQL, SQLite and MySQL	
User interface	7" LCD Resistive Touch Screen or Customer PC	
Features	Free design in template up to 1 inch (25.4mm) for G45i & 2 inch (50.8mm) for G55i, Real-time Printing, WYSIWYG (what you see is what you get), Data Upload, Backup & Recovery via USB	
Advance Packs	POD Pack integration with other devices (PLC, Camera, Checkweigher) via RJ45	
Consumables		
Inks	Aqueous Based Ink: TIJ-APC902-BULK-PC, TIJ-APC902-BULK-IM	
Ink Volumes	TIJ-APC902-BULK-PC- 40ml, TIJ-APC902-BULK-IM- 400ml	

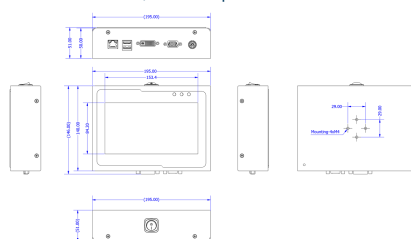
G45i Controller



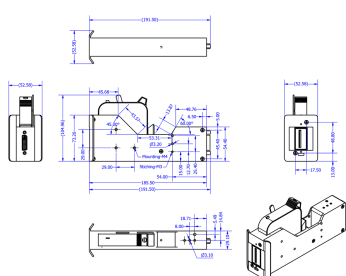
G55i Controller



Controller – Front, Side & Top Views



EXTe Printhead



TALK TO AN EXPERT

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