DS-1200 G5iQ

quadient

Folder Inserter

The next generation in high-volume mail production
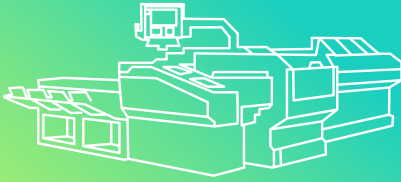
G5iQ

Maximise productivity and minimise downtime

Bring your mail production centre up to the latest standards in productivity, intelligence, and automation with Quadient's DS-1200 G5iQ. The most flexible and modular folder inserter on the market today. Whether your communications are transactional, correspondence, or marketing-related, the DS-1200 G5iQ meets your business's demands with ease and outperforms the competition every step of the way.

Quick Facts:

- Cycling speed up to 12,000 pieces/hour

- High accumulation speeds up to 32,000 sheets/hour

- Easy-to-use display and graphic interface

- Unlimited job storage and recall at the touch of a button

- Job changeovers in a matter of seconds

- Modular design (up to 16 stations) allows you to scale at any time

- Lowest decibel level among competitive inserters

Process a wider array of applications

The DS-1200 G5iQ has the fastest job changeover capability compared to other production mail solutions to significantly accelerate throughput and maximise your return on investment.

Effortlessly switch from a job using a DL envelope to one using a C5 with different documents, folds, and inserts—all in no time. The DS-1200 G5iQ supports envelope sizes as small as C6 up to C4, along with a wide range of inserts. The Full Format module can insert 80 sheets and up to 8 inserts into C4 with a pack thickness of up to 10 mm.

Powerful performance in a compact footprint

Engineered for high demand environments, from efficient paper loading to predictive intelligence, the DS-1200 G5iQ brings your mail production center up to the latest standards of productivity, intelligence, and flexibility.

3. Sheet Feeder
Plug & Play. Transport of up to 5000 sheets between printers and inserters with the high-capacity mobile trolley system for secure and convenient "one-touch" loading.

2. Automatic Camera Positioning
The multi-camera system adjusts to read all types of bar codes or optical marks anywhere on the page.

1. Insert Feeders
Up to 16 feeders with a maximum capacity of 500 mm or 1000 mm for items not requiring folding. Can be refilled on the fly.

4. Multiple Folders
Place up to 16 document feeders and folders in line to improve workflow and eliminate pre-folding enclosures – even documents of varied sizes.

5. 24" Colour Touch Screen
Set up and select infinite jobs easily. Includes pre-programmed instructional video shorts to enable self-service to keep you up and running.

7. Vertical Stacker
High capacity on-edge stacking of filled envelopes, output with intelligent "jog" function for efficient output processing.

6. Inline Processing
Reduce offline work and easily personalise every envelope. Output options include dynamic envelope printing, addressing, franking, or stamp affixing.
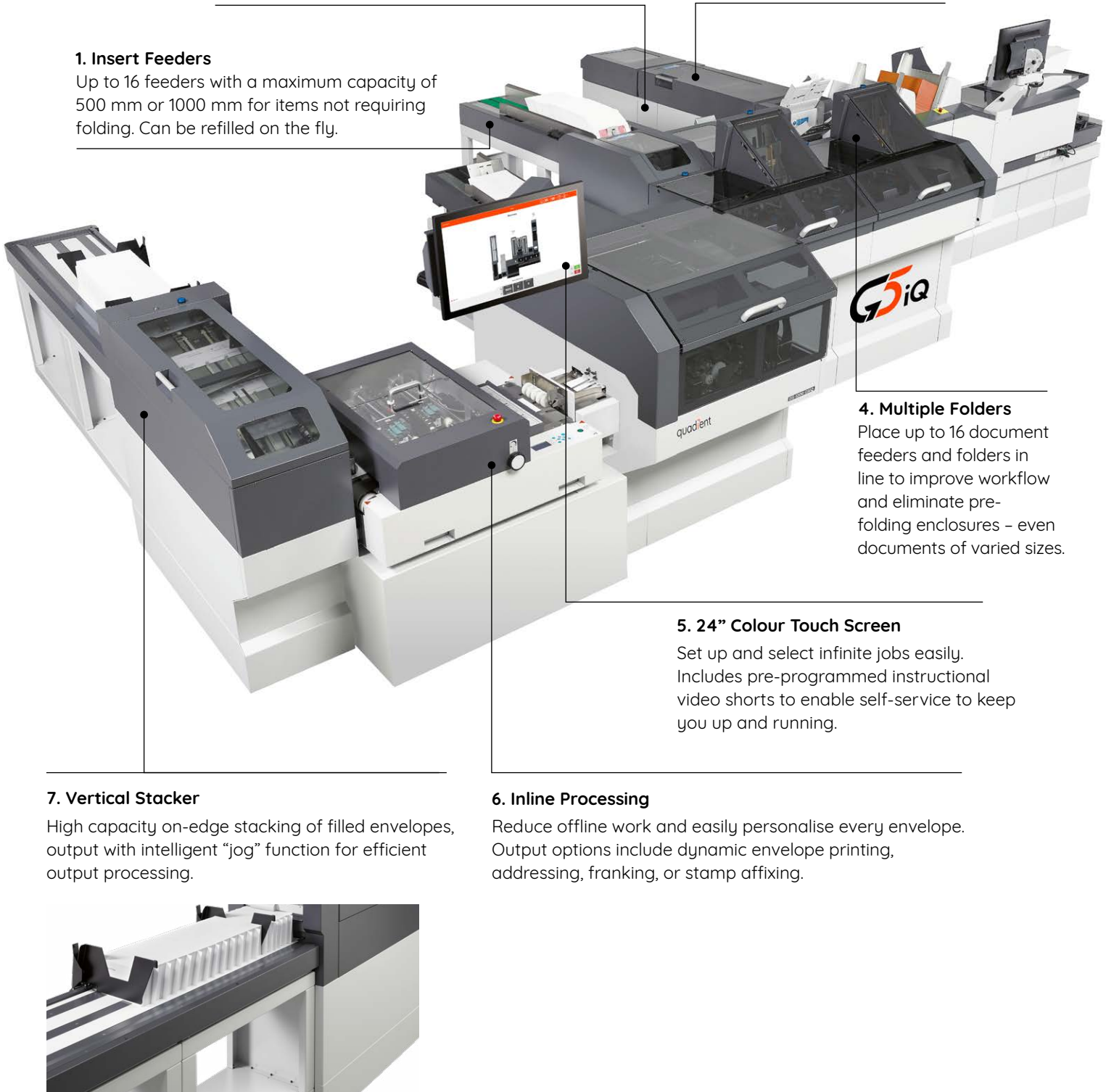
Ease-of-use with Intelligent Mail Operating System (IMOS)

The IMOS Graphical User Interface reaches new heights in user friendliness and job programming with a more powerful PC for faster processing and communication. The intuitive interface cuts down on training times for new operators and speeds up learning curves, enabling them to create, start, stop, and changeover jobs with the touch of a button.

Create infinite job presets and changeover jobs in seconds thanks to the automated setup that adjusts, tracks, and guides every part of the system at the touch of a button. Even the document and insert separators set automatically, by simply selecting the job on the control panel.
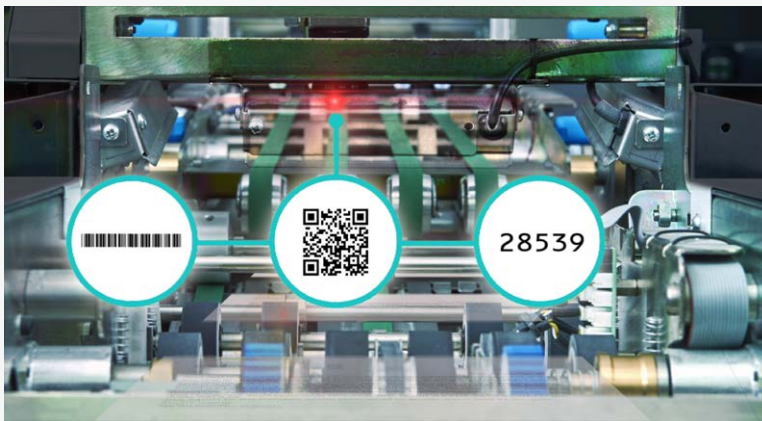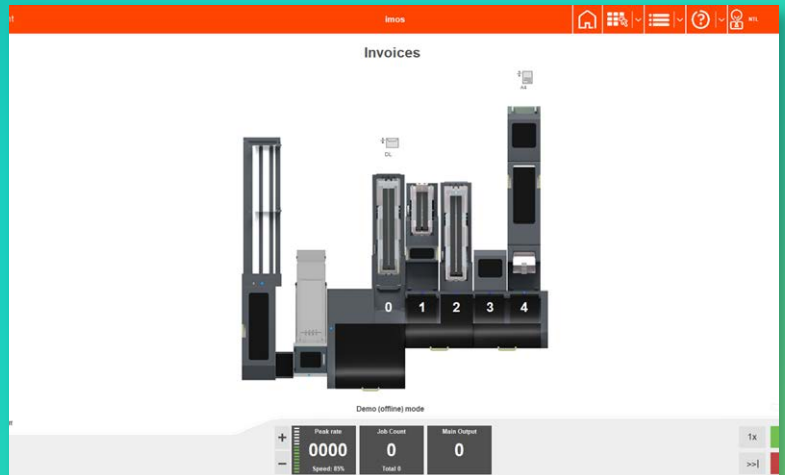
Flexible barcode reading

The DS-1200 G5iQ is equipped to read a wide range of barcodes—including 1D, 2D, QR, OMR, and OCR—anywhere on the page for fast, efficient processing. Its camera automatically adjusts for each job. Documents and inserts can be read from both sides from top to bottom.

High capacity mobile trolley system

The unique and exclusive mobile trolley system minimises material handling and offers maximum efficiency. One-touch loading and a plug-and-play design enable secure and convenient transportation of up to 5000 sheets between printers and inserters. The multi-job mode runs multiple jobs in one batch without stops.

Automatic envelope size selection

The Full Format module can insert 80 sheets and up to 8 inserts in C4 envelopes. In addition to running C4 envelopes, the module can dynamically select the envelope size based on the page count, reading code, or control data from the AIMS management system.

Ensure document integrity and security with closed-loop verification

The Automatic Insertion Management System (AIMS) monitors and reports on the insertion process, ensuring that every envelope receives the correct contents and alerts you of any misfeeds. AIMS provides you with a real-time dashboard, enabling you to view the details of each job. Now, with the Power BI Adaptor, you can dive deeper into your data and create your own dashboards to get robust reporting and insights on each job or customer.

*Power BI is a registered trademark of Microsoft
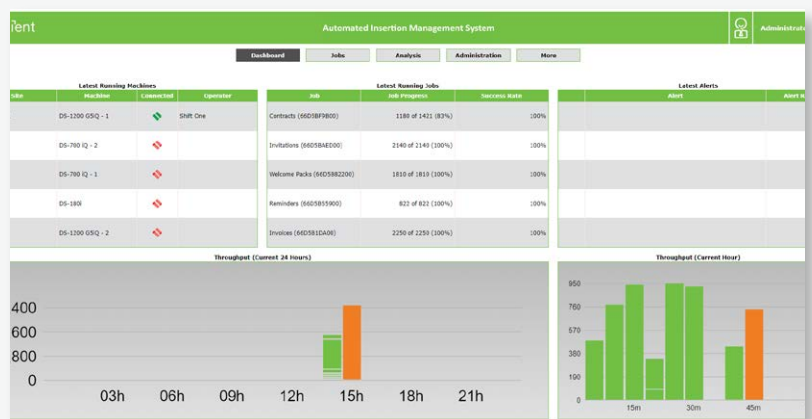
Secure your competitive edge with the future-ready DS-1200 G5iQ

The DS-1200 G5iQ is more than just a powerful inserter—it's a strategic asset that can elevate your business's operations. By seamlessly integrating advanced automation and modular flexibility, it enables you to better serve your customers while boosting productivity and efficiency. With the DS-1200 G5iQ, you can adapt effortlessly to future challenges, ensuring your business is always a step ahead.

SPECIFICATIONS

Processing speed	Up to 12,000 envelopes/hour Up to 32,000 sheets/hour
24" touch screen PC control	Standard
Automatic job set up	Standard
Document feeder capacity	Up to 5,000 sheets
Insert feeder capacity	Up to 6,000 inserts
Envelope feeder capacity	DL or C5 up to 2,000 envelopes C4 up to 500 envelopes
Set thickness	DL or C5 up to 8mm C4 up to 10mm
Collation after folding	Standard
Collation of inserts	Standard
Double feed detection optical	Standard
Full modularity	Standard
Online help/remote assistance	Standard
Options	
Accumulation before folding	Available
Optical Mark Recognition (OMR)	Available
Optical Character Recognition (OCR)	Available
Linear Barcode	Available
2D Data Matrix	Available
Double feed detection mechanical	Available
Double feed detection ultrasonic	Available
Mailing system interface	Available
Stamp affixing	Available
Envelope printing	Available
Envelope sorting	Available

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About Quadient®

Quadient is a global automation platform powering secure and sustainable business connections through digital and physical channels. Quadient supports businesses of all sizes in their digital transformation and growth journey, unlocking operational efficiency and creating meaningful customer experiences..

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