

PRODUCT CATALOGUE

Quality coding solutions from product to pallet



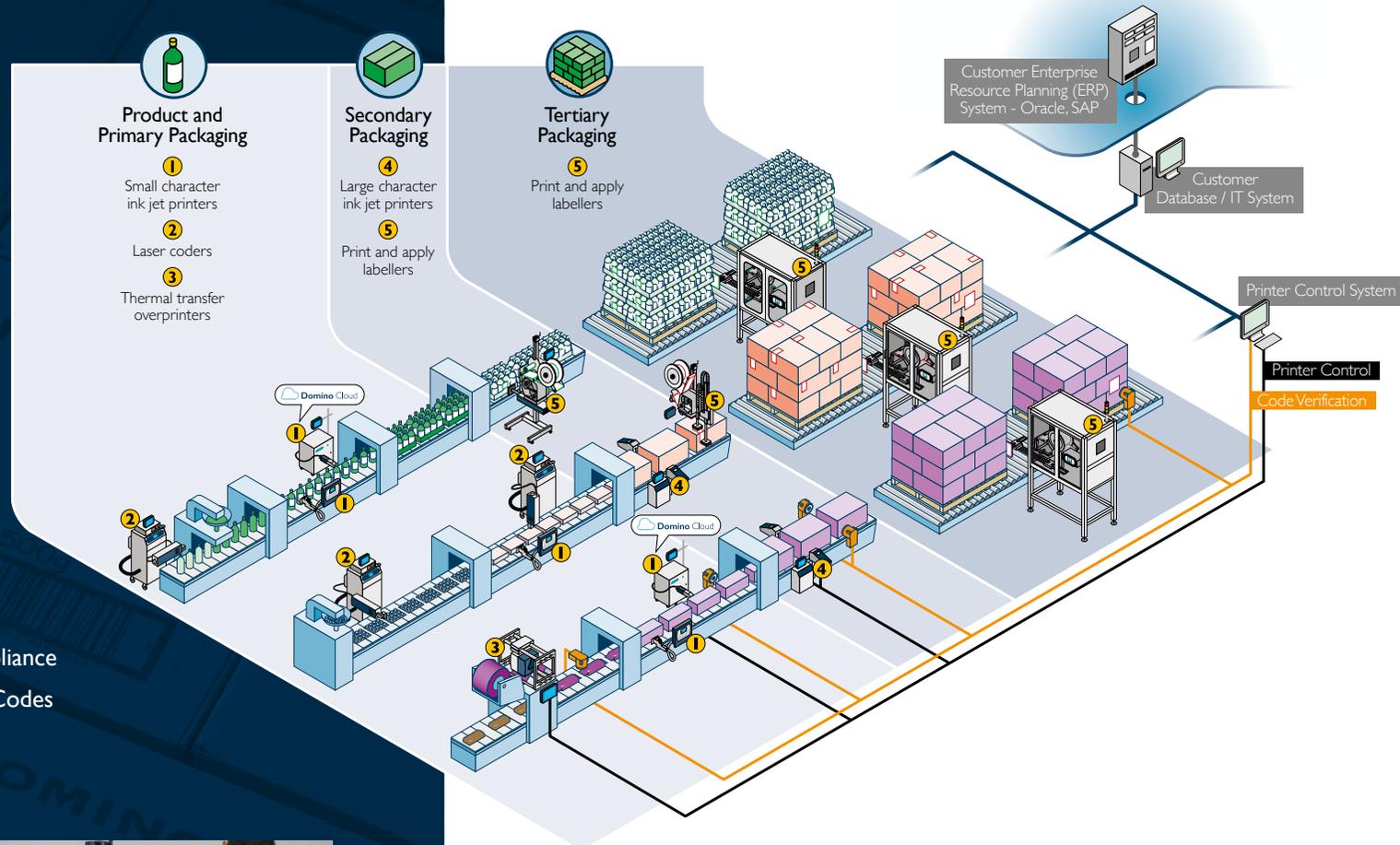
Coding Solutions Product to Pallet

As global leaders in industrial printing, you can trust Domino to find exactly the right solution for your industry's coding and marking requirements.

Supported by 40 years' experience – coupled with constant innovation and our highly-regarded, world-class manufacturing expertise – our full solution range delivers the consistent, clear and quality coding your production lines require.

We can help with:

- Serialisation
- Date Codes
- Track and Trace
- Lot Codes
- Supply Chain Compliance
- Machine Readable Codes
- Brand Protection
- Promotional Codes



Service & Support

Outstanding levels of care wherever you are.

At Domino, your continuous production uptime is our top priority, and we are committed to providing outstanding service and support throughout your product life cycle.

Through a global network of 25 subsidiaries and over 200 distributors, we offer extensive customer support in over 120 countries. We also have dedicated teams of experts to support complex applications, OEM integrations and sector-specific custom solutions.

You can be assured of increased machine availability and higher productivity through the rapid support and expertise of our Customer Service technical teams, who dedicate themselves to maximising your uptime.

Product and Primary Packaging Continuous Ink Jet

Ax-Series

Speed, accuracy, connectivity and the ability to perform in tough and varied environments positions the Ax-Series printer range as a class-leading coding solution.

The latest generation of ink drop technology reduces your ink usage and improves droplet placement, leading to consistent and accurate codes.

Our revolutionary **i-Techx** electronics platform allows you to rapidly print high-contrast, durable messages with multiple lines of code, while our **i-Pulse** inks adhere to a wide range of substrates – even after some of the toughest post-print processes.



Key Benefits

Clean and clear codes

- Non-contact, quality codes at high speeds, with a range of sizes, colours and ink types to suit most substrates and designs.

Maximised uptime

- Ensure maximum uptime with simple consumable changeovers and operator touchscreens. Monitor your line efficiency using the optional online dashboards with Industry 4.0-enabled cloud technology providing alerts via text or email.

Reduced coding errors

- Simplify integration on the production line to reduce human error by using Domino **QuickDesign** coding automation, which supports leading industrial communication protocols.



Product and Primary Packaging Laser

Domino has developed scribing lasers that can code text, graphics and variable data onto a variety of substrates including metals, plastic, glass, paper and cartons.

As there are no inks or fluids used, laser systems are environmentally friendly, virtually free from maintenance and very cost-efficient for your coding requirements. Domino lasers will give you high-uptime and a reliable long-lasting performance.

Laser provides permanent markings which are ideal when brand protection against counterfeiting and traceability of products is key.

D-Series - CO2 Laser

Our D-Series **i-Tech** lasers produce high-quality codes in text formats in many fonts and sizes, as well as graphics and 2D data matrix codes. They are compact in size and modularly designed with separate components, allowing for the laser to be easily installed in restricted spaces.

These lasers can be controlled from alternative locations, such as the factory PLC, by using our EtherNet/IP options.

The D-Series performs at high line speeds using our patented **i-Tech RapidScan** technology. Made from aluminium and stainless steel, they are IP65 rated and suitable for harsh environments.

F-Series - Fibre Laser

For high-resolution, permanent marking of crisp, clear codes of over 60 characters in a variety of formats onto metals and plastics, there's no better choice than our F-Series Fibre Laser.

The ability to code precisely at a high production line speed is simple thanks to the optimised mirror and software control of the **i-Tech** scan head. This makes the F-Series ideal for mark-on-the-fly applications.

In humid, sugar-laden environments you will profit from the IP65 rating, making wash-downs easy and keeping the duty cycle high. The compact sizing and flexible **i-Tech** scan head makes the Fibre Laser easy to incorporate into a tight housing with a small footprint.



Product and Primary Packaging Thermal Transfer Overprint

V-Series

For coding flexible packaging or pre-printed labels, TTO is an ideal solution. 300dpi printing of alpha-numeric characters, machine-readable codes, or even single colour images are possible, while a range of print area options allow for coding simple lines of text to full panel information such as ingredients lists.

With a wide range of coding ribbons available, the code quality and durability can be optimised for both your substrate and your application in a colour to complement your packaging.



Key Benefits

- Suitable for both intermittent and continuous printing applications
- Optimised print ribbon range maximises printer performance, print quality and print durability for your substrate
- Built-in intelligence allows for multiple user interface options to match your requirements
- Supplied with Domino's **QuickDesign** software for quick and easy creation of both simple and complex messages
- Open Database Connectivity (ODBC) as standard to allow for simple automation of code formats



Primary

Secondary

Product, Primary and Secondary Packaging Thermal Ink Jet

G-Series

An increasingly popular technology for food, life sciences and industrial environments, our G-Series printer range produces codes in graphic quality (up to 600dpi) at line speeds up to 300m/min.

The G-Series thermal ink jet printers require no regular maintenance, resulting in more uptime on your production line, greater efficiency and a lower Total Cost of Ownership (TCO).

Versatile and reliable, they can print on to a wide variety of packaging materials, such as flexible films, foil, plastics, aluminium, coated and uncoated paper and card. This makes the G-Series an ideal solution for many applications, such as high-speed wide-web or flow-wrapping lines in the food industry, or the serialisation and Track and Trace demands of the life sciences sector.



Our G-Series **i-Tech** is a modular system that can be configured in a variety of ways to grow with your production demands. Despite the controller being able to manage up to four print heads in different configurations - even each printing different messages in different inks - integration is very easy and printing is extremely cost-effective.

Each print head can print multiple lines of text, bar codes, 2D data matrix codes, and logos, with the option of printing large and complex graphics by 'stitching together' print heads, as with the double print head shown above.

Secondary Packaging Piezo Ink Jet

C-Series

The C-Series is a high-resolution large character coding solution for outer case packaging and trays.

Our Domino Drop-on-Demand piezo systems can supply you with all types of variable on-demand information from alpha-numeric text and graphics, through to GSI-compliant barcodes. Offering coding heights of up to 70mm.



Key Benefits

High-speed, consistent coding

- Improve print quality and drop placement accuracy with the most up-to-date piezo print head technology
- High-contrast, good quality codes with our new environmentally friendly, non-hazardous mineral oil-free ink

High Overall Equipment Effectiveness

- Innovative multi-head base and large capacity ink system offers high OEE and enables consumable change during printing
- Robust, compact design and stainless-steel construction for optimal lifetime

Ease of operation

- Simplified message design using our **QuickDesign** software and intuitive line-side control with the user-friendly **ControlPanel**
- Reduce coding errors by integrating with your ERP and MES systems



Primary

Secondary

Product and Secondary Packaging Valve Ink Jet

Macrojet and CaseCoder

The Macrojet and CaseCoder are designed to code in harsh industrial environments. They produce clear, large character codes even in humid and dusty environments. Their proven reliability and cost-effective coding make them ideal for coding on a variety of substrates. Their compact design allows them to be mounted in a variety of production line locations, such as alongside carton taping machines.

Macrojet gives you the added benefit of printing in any orientation. It is the ideal choice if you need large character coding on a wide range of porous and non-porous substrates, such as PVC, outer cases and trays, wood, metal, sacking and extrusion products.



C7 and C16

Simple and reliable large character coding for your outer boxes. Their proven valve jet technology helps deliver installation flexibility and reliable operation while meeting your coding requirements. They don't require factory air and their compact design with adjustable print heads make them easier to fit into production lines.

With character heights of up to 17mm for **C7** and 32mm for **C16**, they are cost-effective printing solutions for a range of porous packaging substrates.



DOMINO
CASECODER

Tertiary

Secondary

Secondary and Tertiary Packaging Print and Apply

M-Series

Designed to be a solid performer for a wide range of manufacturing applications, our Print and Apply systems can automate your labelling.

Our systems simplify not only the initial integration into your increasingly automated production environments, but additionally address the need for quick and simple maintenance.

Our 600m capacity label and ribbon rolls reduce downtime for changeover and have high print reliability, which further contributes to an outstanding total cost of ownership.

With our highly versatile configurations, we are able to label single or multiple sides of cases and pallets alike. Whether your needs are for traceability or compliance, the M-Series can handle your message with clarity and precision.



Software and Services

QuickDesign

Simplifying processes and reducing the possibility of operator error are essential in maintaining high overall equipment effectiveness. Domino's **QuickDesign** provides central control of label creation as well as the delivery to the printer itself.

Domino **QuickDesign** can also integrate printers into your MES and ERP systems, using industry standard protocols, to further automate your coding requirements.

Relax

If you manage a production line and require Domino printers paid for through operating rather than capital expenditure, why not make life a bit easier and let Domino take care of your leasing arrangements?

We have a wide range of printers to suit your business needs, which are available through our flexible finance leasing, consumables and service solution - **Relax**.



Service cover and genuine Domino spare parts help to ensure your printer is available when you need it. One of the most important things for manufacturers to eliminate on their production line is unplanned downtime. Our **SafeGuard** packages feature service engineer cover so that problems are fixed before they significantly impact your production line.

For all our **i-Techx** products, **SafeGuard** is further enhanced with Domino Cloud, which enables your Domino printer with remote diagnostics, email and phone alerts for quicker issue identification.

Consumables

Domino's specialist range of inks, ribbons and labels have been designed to work perfectly with your system. Not only do they produce consistent results, they also prolong the life of your machines by ensuring they work efficiently.



SafeSupply is an unique service provided by Domino that allows you to fix your consumable prices for up to 5 years for accurate budgeting. It also enables you to reduce your stock keeping with pre-agreed regular deliveries.

Genuine Domino consumables are designed and developed especially for our printers to maximise print quality and significantly reduce unplanned downtime.

Agreed, regular, scheduled deliveries through Domino's **SafeSupply** helps you get the consumables you need to keep producing without costly last-minute rushed orders.



When coding onto food and beverage packaging it is essential that the inks used conform to an appropriate Good Manufacturing Practice (GMP) to ensure consumer safety.

Domino proactively joined the European Printing Inks Association (EuPIA) and follows their GMP for "inks for food packaging" so ensuring that our inks are suitable for their intended use. Domino remains the only multi-coding technology EuPIA member.



BuyDomino

BuyDomino is our online store where you can order genuine fluids, ribbons, filters, labels and spares online at any time of the day. Track your order from our warehouse to your door.

www.buydomino.com

About Domino

Domino is the leading business within Domino Printing Sciences. Founded in 1978, the company has established a global reputation for the development and manufacture of coding, marking and printing technologies, as well as its worldwide aftermarket products and customer services. Today, Domino offers one of the most comprehensive portfolios of complete end to end coding solutions spanning primary, secondary and tertiary applications designed to satisfy the compliance and productivity requirements of manufacturers.

Domino employs 2,800 people worldwide and sells to more than 120 countries through a global network of 25 subsidiary offices and more than 200 distributors. Domino's manufacturing facilities are situated in China, Germany, India, Sweden, Switzerland, UK and USA.

Domino is here to help.
From general enquiries, to specific requests regarding your technical, service or consumables needs – assistance is just a few clicks away:

www.domino-printing.com



Domino Printing Sciences
Trafalgar Way
Bar Hill
Cambridge
CB23 8TU
United Kingdom

www.domino-printing.com

All performance related figures and claims quoted in this document were obtained under specific conditions and may only be replicated under similar conditions. For specific product details, you should contact your Domino Sales Advisor. This document does not form part of any terms and conditions between you and Domino.

Product Catalogue/0419 UK

Domino. Do more.