markem·imaje
a DOVER company



Beverage Laser Printing

Laser technology: many solutions, same supreme quality.

Permanent, fast and precise laser marking on a variety of beverage containers.

Reduce Waste | Drive Efficiency | Achieve Compliance | Track & Trace | Detect Threats | Engage Consumers



Precision and flexibility

The future of laser marking in beverage industry.

In the beverage industry, product marking plays a crucial role in ensuring traceability combined with a strong brand recognition: from bottles to cans, from caps to labels and cartons. Clear and permanent marking are essential for efficient production and building customer trust.

Laser marking technology becomes the preferred solution for modern beverage industry because it assures manufacturers delivering speed, durability and marking quality without interruptions, and waste.

By enabling seamless, high-speed marking Markem-Imaje lasers eliminate downtime, remove costly consumables and deliver permanent, moisture-resistant codes.



One technology, many solutions

Markem-Imaje laser printing machine series offers a wide range of the most advanced UV, CO_2 and fiber laser printers for marking and coding for high-speed applications on the most demanding packaging lines with supreme quality results.
We combine over 30 years of advanced marking experience to unlock the power of brand intelligence in codes.



Be 100% compliant with industry standards with permanent and consistent printing in conditions up to 45°C.



Achieve higher throughput with high quality and complex codes.



Improve your packaging line Overall Equipment Effectiveness (OEE) with a laser source MTBF of up to 100,000* hours.



Achieve uptime of 99.9% in tough conditions with minimal maintenance, no plant air and industrial grade IP55 or IP66 as an option.

Our technology

UV Laser Printers

Markem-Imaje UV lasers deliver the most precise, high-quality coding with the added benefit of minimal heat transfer. This leaves the substrate surface integrity intact–perfectly suited for high-density and delicate materials.

UV technology lasers are perfectly suited for high-quality marking on a wide range of substrates including:
HDPE, PP, PE containers and caps, monomaterial and laminated flexible packaging, laminated boxes and pouches, glass (decorative marking) and more.



SmartLase® UV500

Your benefits



High definition, chemical-free and permanent coding on the most challenging substrates



Lower operating expenses (OpEx) thanks to less maintenance and fewer line stoppages



Our unique combination of a proprietary marking algorithm, a high-speed digital scanning head and the fine laser beam provides ultra-fast and premium quality marking

Our technology

CO_2 Laser Printers

Thanks to speed, precision and ability to mark common beverage materials, CO_2 lasers are widely recognized as one of the best

beverage marking solutions providers. Ranging from 30-100W they allow crisp, fast, and permanent marking with no waste and eliminated production stoppages.

Available to address power and contrast requirements on various products at high-speed production lines. Ideal for substrates like PET, paper labels, paperboard, film, glass, some plastics, polymers, and more.



SmartLase® C350

Your benefits



Our lasers are designed to ensure an **availability ratio of at least 99.6%** at the speeds you need without sacrificing print quality



High-volume beverage marking operations **reduce the total cost of ownership (TCO)** by elminating consumables and inceasing the uptime



All of our laser solutions offer **easy to integrate** and operate intuitive user interface for improved operator efficiency and reduced risk of human errors

Our technology

Fiber Laser Printers

Our fiber lasers stand unrivaled in the market, offering high-quality coding and providing remarkable coding results on various types of metals. The fiber lasers deliver superb code quality in high-speed applications, even with increasing code complexity of 1D and 2D codes, all in an easy-to-integrate and easy-to-operate compact unit.

Great for beverage substrates like cans, film, plastic labels, metalized packaging, some plastics, polymers, and more.



Your benefits



Delivering **clean, readable and traceable codes**–even at the highest line speeds and product throughput



Powerful (up to 100W) fiber laser models code more precisely achieving marking speeds greater than 100,000 aluminum cans per hour



Designed for the most challenging manufacturing environments with complete Ingress Protection of up to IP66 (controller and printhead) giving you a complete dust and water jets protection.

Giving you peace of mind

With over **30 years** of market experience, we understand what matters most to our clients. We know how difficult it is to run a business these days and how easily a single bad decision can damage a business' reputation or even lead to the company's collapse due to the consequences of poor choices. This is why we always confirm we have all required certifications, and our laser marking systems are verified by internationally **recognized, independent entities.**

While we guarantee the high quality of our machines, that is not our sole focus; given that our equipment is reliable and drives client's success, **we prioritize safety** above all else, ensuring that every customer and partner enjoys complete **peace of mind.**

Markem-Imaje certifications meet our customer's various health and safety obligations, especially while serving food and beverage industry where there is **no room for compromise.**

Moreover, we not only guarantee that our lasers meet the highest market standards for quality and marking performance, but we also act as a **responsible business partner** by maintaining transparency in trade and regulatory compliance.

That is what global responsibility is all about.

End-to-end supply chain solutions

Our comprehensive Packaging Intelligence and automation solution combines message management and verification to enhance your productivity and quality control.
Unifying message design, data integration, and printing into one intelligent workflow allows maximizing the packaging line efficiency, trouble-free data management and full supply-chain traceability.

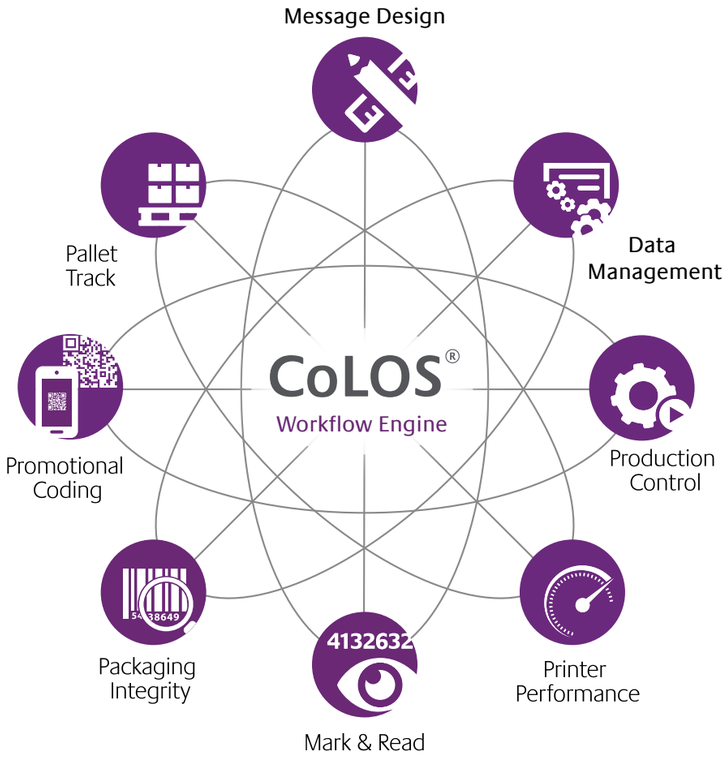
- Create industry-compliant print messages and ensure GS1 readiness for all packaging levels
- Connect IT and OT systems for seamless, two-way communication and real-time data use, traceability and error elimination
- Minimize waste and boost packaging line efficiency to create a smarter business
- Allow packaging and marking integrity to perform a two-way solution of product coding and inspection with the use of our CoLOS® software platform
- Enhance your inventory data management in real-time through ERP integrated unique codes
- Use analytics to uncover bottlenecks and address challenges to maximize production optimization





CoLOS® Software and Solutions

Markem-Imaje delivers innvovative marking solutions that support manufacturers to transform everyday packaging industry into a unique product identifier journey. Integrating the most comprehensive range of laser coding technologies with software, we bridge the gap between physical goods and the digital world.

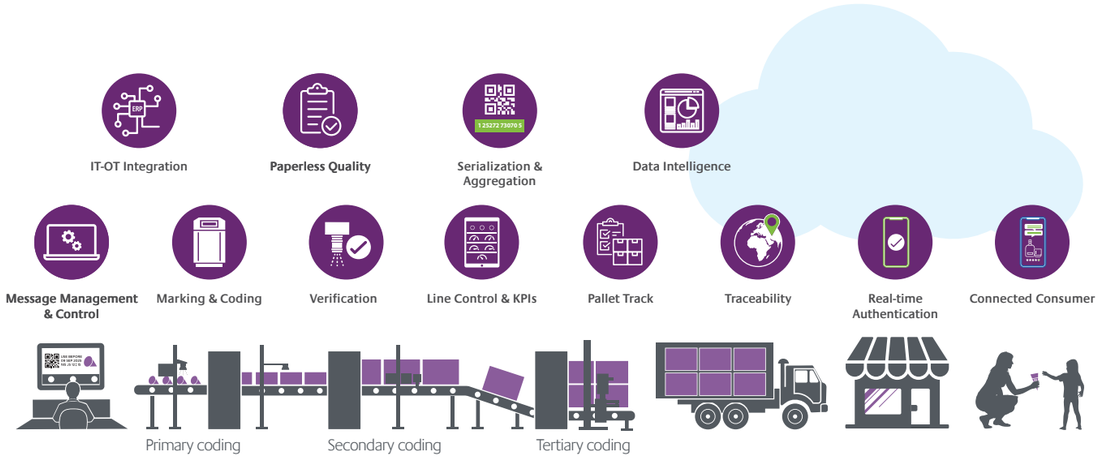


Cybersecurity



Uncompromised Security for Connected Packaging

We recognize that in the digitized industry, cybersecurity is not just an option–it is a necessity. We are fully committed to implementing the highest standards. Our focus is on ensuring that our laser solutions and connected platforms evolve ahead of digital threats to protect your productions and data against cyber incidents and firmware exploits.



With capabilities spanning across message/label management, ERP/MES/WMS integration, label inspection & verification, serialization and aggregation, production KPI monitoring, traceability and consumer engagement, **CoLOS**® Software helps organizations manage packaging operations smoothly.



Don't just take our word for it...

“The partnership and the use of several Markem-Imaje technologies allow our brand to reduce environmental impact. The choice of the Markem-Imaje laser coding system is in the same vein, neither inks nor solvents are used, therefore the environmental impact is reduced while maintaining high coding quality.”

–Nicola Berghem, Head of Maintenance at Gruppo Mezzacorona

Comprehensive services and support

Every minute of downtime affects output, efficiency, and profitability. Markem-Imaje services help you maintain reliable operations with expert support, digital tools, and field service capabilities designed to optimize your production line effectiveness. From installation and training to preventive maintenance, troubleshooting, and repair, our service portfolio is built to help you improve solution availability, extend asset life, and reduce total cost of ownership.



Our Three-Pillar Support Model

A support model built around speed, expertise, and flexibility



Pillar 1

Digital Self-Support

24/7 access to knowledge, AI-guided troubleshooting and self-service tools for rapid issue resolution.



Pillar 2

Remote Support

Direct access to experienced support specialists in your language through our direct to engineer chat (24/7), phone, email, and remote video assistance.



Pillar 3

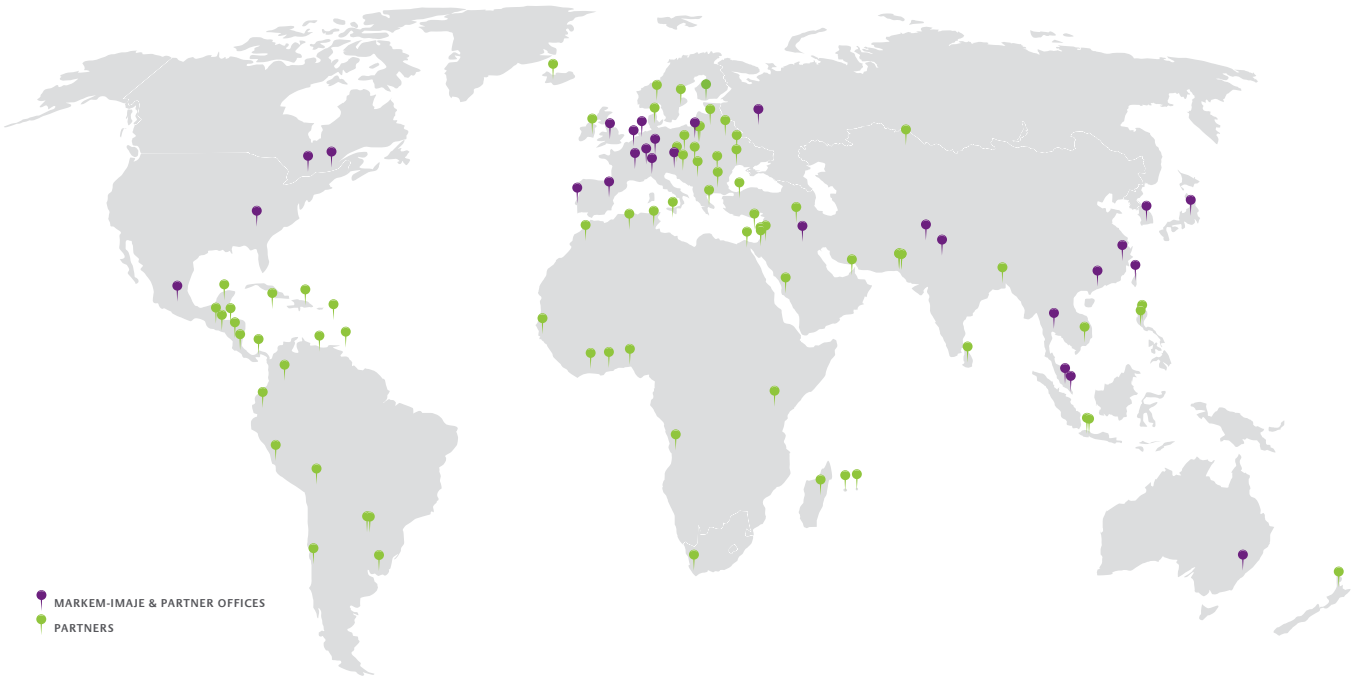
On-Site Support

Filed service expertise for complex situations requiring in-person diagnosis, maintenance, or repair.

About Markem-Imaje

Markem-Imaje, a wholly owned subsidiary of Dover Corporation, connects products and protects brands through intelligent identification, traceability and consumer engagement solutions. We offer the industry's most comprehensive range of marking and coding systems seamlessly integrated with trusted software, services and consumables. Over 50,000 customers worldwide partner with us to help them unlock the power of information in codes.

With decades of proven expertise provided through the most extensive global network, we empower our customers to optimize supply chain efficiencies, achieve sustainability and compliance objectives, keep products safe and engage their consumers. This is intelligence, beyond the mark.



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