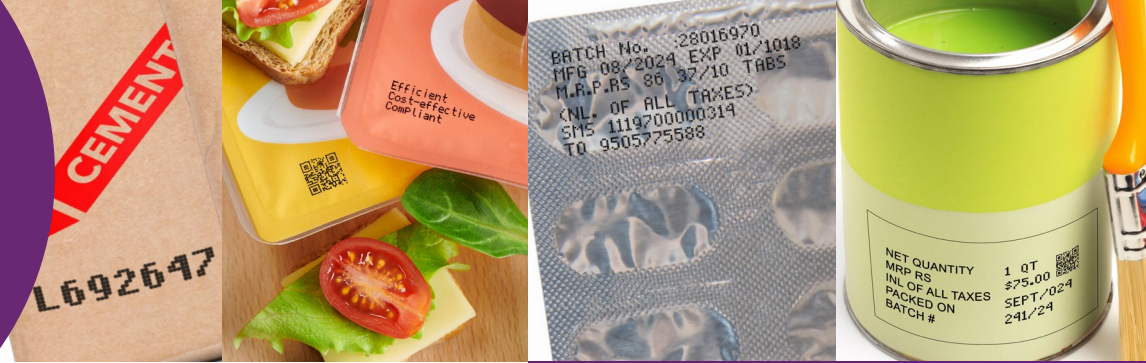




markem·imaje

a **DOVER** company



Continuous inkjet **9712: The true value of innovation**



Designed to MAX your coding experience

Markem-Imaje delivers flexibility and stability with our next-generation Bi-jet model, the 9712. Backed by four-plus decades of building dependable inkjet printers, the breakthrough 9712 incorporates the best of past, present and future-proof improvements so you can adapt easily to changing marketplace needs and **code more or at a faster pace.**

Meticulously engineered and qualified by the most modern methods, the 9712's latest enhancements bring you:

- Technology leaps grounded in time-tested industrial processes for maximized uptime, reduced maintenance
- Cutting-edge design with simplified UI and modular components for easy operation, maintenance or repair
- Clear, customizable, traceable codes that meet customers' growing demand for supply chain visibility

Key benefits

Innovation

Advanced R&D backed by proven industrial processes and methods

- **Intelli'Inks** system ensures optimal coder performance and flexibility when coding different package materials.
- **Intelli'Swap** technology streamlines mechanicals down to swappable modules.
- **Jet Speed Control** technology automatically adjusts ink and printer variables to ensure drop placement, quality and code consistence. Every time.

Efficiency

Prints two times faster or twice the amount of information

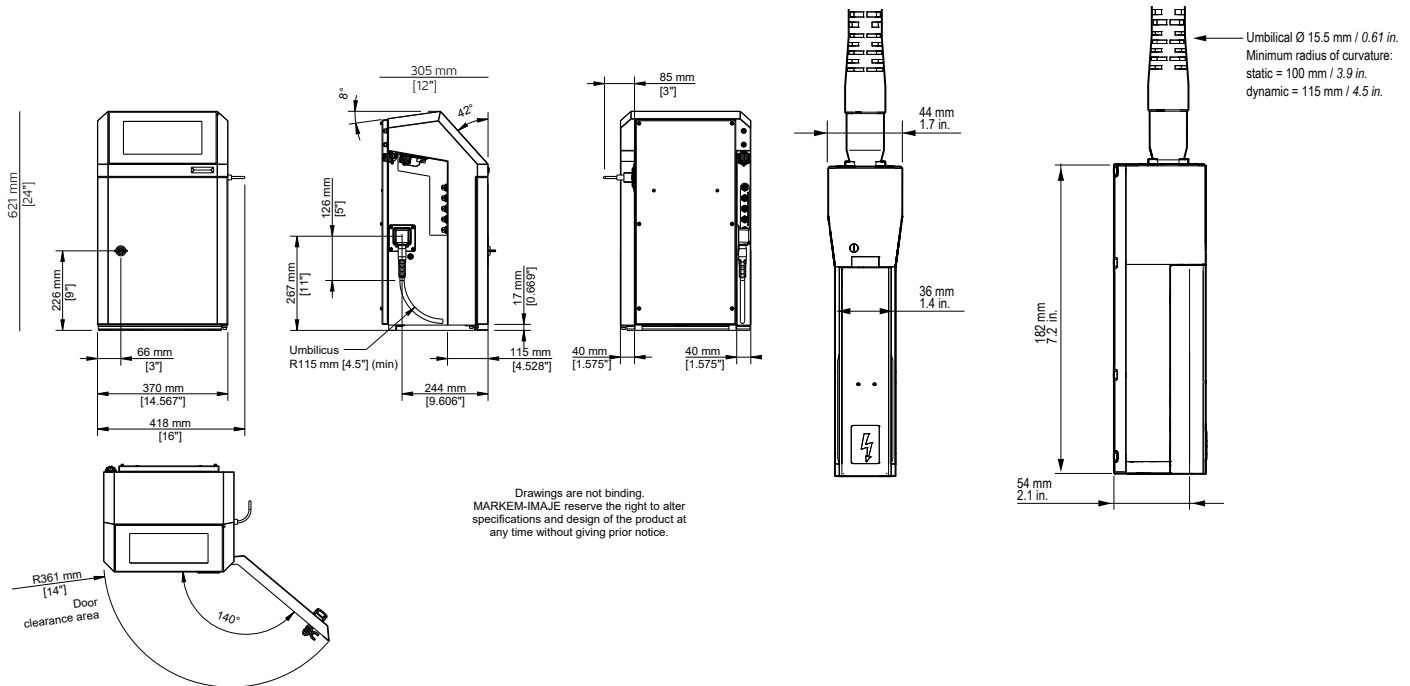
- **Compact print capacity** and **Bi-jet printhead properties** allow for extensive coding without altering product branding
- **Intelli'Design** process and a portfolio of rigorously developed ink formulations help reduce consumable consumption and VOC emissions by up to 50% while improving operator safety, well-being and TCO

Digitalization

Convenience only a couple clicks away

- Remote services, including remote diagnostics, allow for a predictive analysis and therefore help maximize uptime, achieve OEE objectives
- Consumable and spare part supply through online portal
- Quick customizable 24-pin interface allows for easy integration in a 4.0 connected environment

9712 continuous inkjet specifications



Print features

Bi-jet printhead
G head (printing resolution: 71 dpi)
Up to 8 lines of print
Print speed: up to 4.46 m/s
Font height from 5 to 24 dots per jet
Character height: from 1.2 to 8.2 mm per jet
Wide choice of 1D and 2D barcodes: EAN 8/EAN 13/UPCA /UPCE barcodes, code 39, interleaved 2 of 5, Datamatrix, QRcode, Dotcode
Wide choice of characters: Latin, Arabic, Cyrillic, Hebrew, Japanese, Chinese, Korean, etc.

Other characteristics

Weight: 25 kg
Table-top or vertical mounting
Ultra-flexible 3-meter umbilical cable
Stainless steel cabinet and printhead case
Dust/water ingress protection rating: IP56 requiring no plant air
Operating temperature range: 32 °F to 122 °F (0 °C to 50 °C) depending on ink used
Humidity: 10 to 90% non-condensing
Electrical power supply: 100-240 V; 1,6 A; frequency 50/60 Hz

Operations

WYSIWYG 10-inch capacitive color touchscreen: real-time display of remaining print capacity expressed in hours and number of messages; integrated assistance and alert system; simplified message printing and management; creation of user profiles; tracking of consumption and printer availability
Message library (up to 1,000 messages)
Automatic selection of fonts, depending on print speed and printhead/object distance
Specific date management (rounding date function)
Parent/child connectivity
Jet Speed Control guarantees marking quality
Printhead with embedded intelligence for high marking quality and reduced maintenance
Broad range of inks: multi-use, high performance; alcohol based, ketone-free and MEK-free inks
Sealed 0.8-liter cartridges with fool proofing system
Compact and modular ink circuit for better thermal management and controlled additive consumption
100% front access modular ink circuit for a simplified preventive maintenance
Remote Services including our Virtual Assistant for 24/7 self-troubleshooting and "how to" videos
Quick connect/disconnect of accessories (photocell, alarm and encoder)
Enhanced native connectivity including USB, Ethernet, serial and a configurable M12 connector for I/O

Options

Ultra-flexible 2 or 6-meter umbilical cable
Ultimate water and dust protection (plant air required)
Printhead pressurization kit
Many I/O possibilities including a configurable single point connector (24 pins)

Accessories

Wide range of accessories
Printer supports: stands (stainless steel or aluminum), table or wall mounting brackets
Printhead supports: stand (stainless steel) and choice of brackets
Photocells
Encoders
Alarm beacons (24 V)
Set of pre-cabled connectors M12, Ethernet IP66

Software

Fully compatible with CoLOS® Version 6.4 Service Pack onwards
Logo creation with CoLOS® Graphics software

Remote services

Markem-Imaje Virtual Assistant for an intelligent self-support solution
Live helpdesk support with remote video capabilities
Connected Printer Services, based on a secured IoT cloud infrastructure*

* Check availability in your country



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