



Professional Packaging Systems

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Markem-Imaje 9750 Expert Continuous Inkjet Printer



At a Glance

- Print customizable and traceable codes on difficult materials in dusty and humid environments
- Prints tiny 2D codes such as Datamatrix, QR, and GS1 Digital Links
- Hybrid ink circuit prints either standard or premium contrasted codes,

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Print 2D Codes in Dusty and Humid Environments

The Markem-Imaje 9750 Expert inkjet printer is designed to deliver excellent customizable and traceable codes in high-speed, dusty and humid environments – even on the most difficult materials.

Interconnected global supply chains demand advanced solutions with increasing requirements for 2D codes such as Datamatrix, QR, and GS1 Digital Links. These codes carry much more information to meet growing expectations in safety and traceability.

The Markem-Imaje 9750 printer enhancements:

- Numerous printing options including tiny vision camera-readable QR codes even on the smallest surfaces.
- Robust equipment and inks to track every one of your products regardless of extreme temperatures, humidity, dust or dry conditions.
- Hybrid ink circuit prints either standard or premium contrasted codes, vastly increasing flexibility while cutting spare parts for those needing both options.

Innovative Inkjet Printer

Intelli'Inks Enhanced 2D printing and tiny prints: GS1 Data Links and QRs only 5mm high, and 3 lines of text on small surfaces such as aspirin tubes.

Challenging Production Conditions High humidity, dusty settings and lines speeds up to 120,000 units/h.

Thermochromic Printing on Difficult Materials Code changes color at high temperatures to more visibly

that sterilization has likely taken place.

More Sustainable Printing

Intelli'Design Process and MEK-free inks help reduce consumable consumption and VOC emissions by up to 50%, with further cuts possible when using CSM option. Up to 35% reductions even with standard MEK inks when using CSM.

Intelli'Swap Means you synchronize parts replacement and swap only individual items, not the entire block.

Market-Leading Service Intervals Up to 18,000 hours between major preventive maintenance.

Digitalization

24-pin interface customizable to accept any of the 70+ signals available to run lines.

M12 input/output connector compatible with various industrial protocols, enabling easier and more seamless integration.

Markem-Imaje Connected Printer Services powered by a secure IoT platform, allow for predictive analysis and help maximize uptime and achieve OEE objectives.

Operations

WYSIWYG 10" capacitive color touchscreen:

- Realtime 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.

Additional functionalities: - Metering - Interleaving of 2 messages - On-the-fly production changes - Quick access to counter setting - Optimization of tolerance control - Chimney characters - DIN mode 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 dye and pigment inks: - Multi-use - High-performance - Alcohol based - Ketone-free - MEK-free

Sealed 0.6 and 0.8-liter consumable 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 MI 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

Print Features

Mono-jet printhead

G head printing resolution: 71 dpi

M head printing resolution: 115 dpi

W head printing resolution: 71 dpi

Up to 5 lines of print

Print speed up to 13 m/s
Font height from 5 to 32 dots
Character height from 1.2 to 11.2 mm
Wide choice of 1D and 2D barcodes: - EAN 8/EAN 13/UPCA /UPCE barcodes, code 39, interleaved 2 of 5, Datamatrix, QRcode, Dotcode, GS1 standard compliant
Wide choice of characters: - Latin, Arabic, Cyrillic, Greek, Japanese, Chinese, Hebrew, Korean...

Other Characteristics

Weight: 25 kg
Table-top or vertical mounting
Ultra-flexible 3-meter umbilical cable
Stainless steel cabinet and printhead case
Dust/humidity protection rating: IP55 not requiring 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 Amp, frequency 50/60 Hz, 30 W

Options

Ultra-flexible 6-meter umbilical cable
IP66 protection (plant air required)
Consumable saving mode for up to -60% additive consumption: - At 20 °C less than 3,5 cc/h for MEK-based ink or less than 2cc/h for MEK-free ink
Printhead pressurization kit
Air blade kit
Many I/O possibilities including a configurable single point connector (24 pins)

Accessories

Printer supports: - Stainless steel or aluminum stand - Table or wall mounting bracket
Printhead supports: - Stainless steel stand - Choice of brackets
Photocells
Pigment ink shaker
Encoders
Alarm beacons (24 V)
Set of pre-cabled connectors M12, Ethernet IP66

Software

Fully compatible with CoLOS Version 6.3 Service Pack onwards
Logo creation with CoLOS Graphics software

Material Types

Jars
Containers
Cans
Bulbs
Bottles

Industries

Cosmetics

Pet food

Food

Beverage

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.