



## Professional Packaging Systems

2010 S. Great Southwest Parkway  
Grand Prairie, Texas 75051  
[www.ProPac.com](http://www.ProPac.com)

## Contact

Our Packaging Experts  
[solutions@propac.com](mailto:solutions@propac.com)  
888-318-0083

# Markem-Imaje 9450 E Continuous Inkjet Printer



## At a Glance

- Up to 3,000 km of cable printing
- Inks specially formulated for high contrast and perfect adhesion
- Automatic cleaning system provides clean, hassle-free start-ups

## 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.

## Printer Designed for Pipes, Cables and Tubes

Dedicated to the pipe, cable, tube and profile industries, the Markem-Imaje 9450 E inkjet marking machine combines a premium ink circuit with a next generation printhead design that will ensure the quality of your codes even on dark substrates with an optimized TCO.

## Optimize Your Operating Time and Expenses

**Up to 3,000 km of Cable Printing** Without printhead cleaning.

**Reduced TCO** 20% ink savings without compromising on contrast.

**Reduced Additive Consumption** Only 3 ml/h at 20 °C.

**High Speed** Up to 1,000 m/min for wire harnessing applications.

**Smart Consumable System** No set-up required.

**Mistake-Proof User Interface** Even when entering long messages.

## Precision Printing Every Time

**Precise, Even on the Tiniest Wires** Can code wires as small as 1mm character height.

**Precise when Using the Embedded Metering Function** 2 mm tolerance.

**Precise at Start-Up** Automatic cleaning system, coupled with Intelli'Jet technology, provides clean, hassle-free start-ups and high quality codes, every time.

**Precise after Maintenance** Modular Intelli'Swap design, with an extrusion-dedicated bracket which can be repositioned single-handed in one second, makes maintenance easy.

## Specialty Inks for High-Contrast Durable Codes

**Premium Inks Designed for Rough Environmental Conditions** Part of Markem-Imaje Intelli'Ink system, these inks are fast drying and non-migrating with resistance to UV, automotive fluids, underwater environments, vulcanization, etc.

**Long-Lasting Codes, Even on PE** Dedicated inks specially formulated and tested for high contrast and perfect adhesion on a wide variety of surfaces, including the most difficult ones (PVC, PE, LSZH, PP, etc.).

**Multiple Colors** Black, white, orange, blue, green, red, yellow and silver.

**MEK-Free Options** Wide array of inks (including white) which reduce VOC emissions and enhance employee safety, while simplifying paperwork, particularly when exporting.

## Operations

Message library up to 1,000 messages

International operator/machine interface with a wide choice of languages

WYSIWYG 7-inch wide touch screen: - 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 - Printer availability

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  
USB and SD ports

Intelli'Jet guarantees marking quality

Automatic selection of fonts, depending on print speed and printhead/object distance.

Premium ink circuit to run all types of inks

Intelli'Ink system: Broad range of multi-use, high-performance or high-contrast inks, including MEK-free

Sealed 0.8-liter cartridges with fool-proofing system

Intelli'Swap design for quick connect/disconnect of accessories (photocell, alarm, encoder, bracket)

Parent/child connectivity

Ethernet connectivity

Specific date management (rounding date function)

## Print Features

Mono-jet printhead

G head printing resolution: 71 dpi

M head printing resolution: 115 dpi

Up to 5 lines of print

Print speed: up to 1000 m/min

Font height from 5 to 32 dots

Character height: from 1 to 11 mm

Wide choice of 1D and 2D barcodes: - EAN8/EAN13/UPCA/UPCE barcodes, code 39, interleaved 2 of 5, Datamatrix, QR code

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: 0° to 40° C, depending on ink used

Humidity: 10% to 90% non-condensing

Electrical power supply: 100 - 120 V or 200 - 240 V with automatic switching; frequency 50/60 Hz; power 60 W

## Options

Printhead pressurization kit

IP66 protection (requires plant air)

9450 Ec for pigmented ink use

Enhanced autonomy kit

RS-232/422 connectivity, parallel interface, many I/O possibilities to enable remote operation

Ultra-flexible 6-meter umbilical cable

## Accessories

Printer supports: - Stainless steel or aluminum stand - Table or wall mounting bracket

Printhead stand (stainless steel) and different, quick fit printhead brackets (single-handed repositioning in 1 second)

Alarm beacon (24 V)

## Software

Compatible with CoLOS Base, CoLOS Line and CoLOS Factory

Logo creation with CoLOS Graphics

OEM protocol compatibility: Komax, Schleuniger etc.

## Material Types

Metal industrial parts

Latex products

Electrical devices

Corrugate

Cardboard boxes

Tube laminates

Tetrapak bricks

Stick packs

Seal wrappers

Seal bags

Power cables

Pouches

Plastic films

Pipes

Metalized labels

Medicines

Machined metal parts

Jars

Hoses

High barrier films

Formed metals parts  
Electric wires  
Eggs  
Decorative labels  
Customized packages  
Containers  
Caps  
Cans  
Cables  
Bulbs  
Bottles  
Aluminium foil lids

## Industries

Soft drinks  
Snack food  
Pharmaceuticals  
Pet food  
Personal care  
Oil and gas  
Industrial components  
Food  
Extrusion  
Electronics  
Electrical  
Egg  
Dairy  
Cosmetics  
Confectionery  
Beverage  
Beer & cider  
Automotive  
Aerospace

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