Meeting industry demands

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Represented in southern Africa by Pyrotec PackMark, Markem-Imaje - a worldwide manufacturer and distributor of product identification and traceability solutions - offers its 9450 continuous inkjet printer for all manufacturers, regardless of their industry sectors; and the 9540 S, an inkjet printer for the beverage industry that meets the demanding constraints for traceability, versatility and hygiene.

Simple efficiency

The 9450 printer is a continuous inkjet solution that is engineered for availability, performance and quality.

With a seven-inch colour touch-screen, the 9450 printer offers optimum ease of use. Daily operations are facilitated by its intuitive interface, main printing performance indicator display, and local language menus. The printer and printhead are fully stainless steel with IP56 protection rating (IP66 optional) for pressurised water and detergent wash-downs and faultless operation in demanding or dusty environments.

The 9450 offers a large choice of printing possibilities - barcodes (including datamatrix and QR), logos and alphabets regardless of desired size and resolution - and prints up to 6.6m/s in two resolutions (71 and 115dpi).

The 9450 also includes an option for editing unique codes that can be used for traceability or interactive gaming purposes. Easy to set up, this option brings promotional coding within reach by simply inserting a USB flash drive.

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A vast selection of inks developed by Markem-Imaje - black, colour, permanent, thermo-chromic or high-contrast - allow for optimum legibility on products. UV inks and inks with markers are also available to fight against counterfeiting. Environmentally-friendly inks complete the offering.

Finally, the 9450 printer secures customers' productions using Markem-Imaje's Mark & Read vision system, accessible directly on the printer user interface with no need for an additional computer during installation. The Mark & Read system indicates faulty codes, allowing customers to take necessary action and prevent product recalls.

Fast, versatile and secure coding for the beverage industry

For the beverage industry, Markem-Imaje's 9450 S printer guarantees that each product leaves the factory coded, that each code is correct and perfectly legible until it is consumed.

Traceability is guaranteed with Mark & Read, an embedded system of coding and proofreading directly on the user interface via a camera. Additionally, to be sure the correct ink is used, the printer automatically checks the reference and best-before date of the consumable cartridges inserted by the operator thanks to its smart consumable system.

The printer is made of stainless steel with IP56 (standard) and IP66 (optional) protection rating and is designed to meet the sector's demanding hygiene standards. It can withstand high-pressure water cleaning and industrial detergents, and is designed with no retention zones to reduce bacterial contamination risks.

Totally versatile, the 9450 S printer is capable of coding two lines on the fastest existing production lines: up to 120,000

products per hour. With just one ink reference, the printer codes PET and glass bottles (including returnable glass), cans, liquid bricks, pouches, caps, wrapping films and shipping containers.

Operating costs of the 9450 S printer are up to 30% less than other competitive models, and ink consumption has been decreased thanks to specific fonts and optimised sector-specific resolutions.

As with the 9450 printer, the 9450 S carries out simple promotional coding operations by importing single codes from a USB thumb drive.

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Pyrotec

Pyrotec is a proudly South African company with its focus aimed firmly on the future. Its five brands - Pyrotec PackMark, Pyrotec PackMedia, Pyrotec PackLink, Pyrotec PackWorx and Pyrotec Finance - make this an industry-leading company that specialises in a comprehensive range of coding and labelling equipment, on-pack informational and promotional devices, merchandising solutions, development and manufacturing of automated systems for the packaging and manufacturing industry and making finance options available to customers. Pyrotec's software offering ensures product integrity, optimises coding activities, and helps secure centralised data management systems and label tracking systems.

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