



Ch.-B.:123456
10/05/2020

Glance with safety

code-M camera ensures the product identification

Be it food, medicine or cosmetics: Batch numbers and date of use on the products secure our everyday life. This information must be guaranteed on every item so that it can be clearly identified at any time as to which batch a product belongs to.

The successful combination of the Inkjet Printer alphaJET, the software code-M and the VeriSens from the program of the camera expert Baumer prints data from the database and verifies the presence of the printed matter then and there. So, all products can be assigned to a unique production output at all times; for ensuring quality.

Assured quality

Since 1925, Henry Lamotte Oils GmbH is one of the leading suppliers and producers of oils, greases, waxes and related special base materials as well as aroma extracts.

True to its Hanseatic character, the company responsibly relies on fair and sustainable business relations and is proud of its longstanding relations to customers and suppliers. Profound market knowledge, committed employees and consistent quality assurance make up an innovation-oriented business climate.

Our clientele includes the food industry, food retailers and the pharmaceutical and cosmetics

“Our Technical Team switches on the system in the morning and switches it off in the evening. The printer works quasi error-free . We are very happy with the reliability of the code-M camera combination.”

sector as well as the animal feed industry and the chemical-technical industry.





01 The Initial Situation

The filled and sealed packages run on a conveyor belt to the packaging point outside the clean room. Here, the different packages (bottle top, folding boxes or pans) are marked on 2 parts by the ink jet printer. If the products run too close to each other on the conveyor belt, it can happen that the product sensor identifies only one package and sends only one printing signal to the ink jet. A visual inspection by an employee remains uncertain.



02 A solution for quality and security

Inkjet printer/software/camera are already well-matched as a standard-combination: alphaJET + code-M camera + VeriSens

An on-site trial installation on the production line delivered positive results, since the technical team at Henry Lamotte Oils had already intuitively prepared the test setup in the best possible way.

The separation of the packages through differences in speed is not a problem for the labelling.



03 Camera test with added benefits

Now, the software code-M checks two points: one that multiple packages are not against each other and second that the printing text is fully available. In the next step, camera and code-M will also match the text content.

The average speed of the belt of 12 – 15 m/min. is no challenge for alphaJET for the product identification.

Camera is inspected with an ideal distance of 135 mm, measured from the centre of the print head till the centre of the camera lens.

*Sebastian Fehsenfeld
Techn. Chief Operating Officer*

“We are very happy to be working with the previous model alphaJET C. But the facilities of the code-M software and the beautiful typeface has convinced us to switch to the new generation. We will soon shift other lines.”

code-M Software

The code-M Software and its extensions optimise production processes. An integration with the code-M camera helps to avoid faulty user interventions for highest possible production safety.

For more information visit: kba-metronic.com/de/Tintenstrahldrucker

alphaJET - continuous inkjet technology

The contactless printing with CIJ-Systems is a proven method for using variable data directly on the production line. It offers users a high degree of flexibility and delivers accurate print results.

