



alphaJET mondo for relaxed coffee enjoyment

Master Caps merges Dutch coffee roasting tradition with 21st Century lifestyle. Only genuine arabica coffee beans are included in the balanced blend to create a truly unique taste experience. Freshly ground coffee is filled into the aroma capsules at the company's new production site in Fritzlar, Germany. The consumer gets nothing but pure coffee. The capsules contain no instant powder or foreign ingredients. Master Caps keeps a close watch on the coffee plantations and coffee bean suppliers.

The refined quality of the final product is focussed at each production step - to fulfill highest customer expectations.

reasonable price and excellent coffee pleasure are not contradictory

The aroma capsules are compatible with all standard Nespresso® machines. Besides offering a price advantage, they give consumers a distinctive choice of flavors as an alternative to the original Nespresso brand capsules. The capsules can be purchased only online at www.sesibelcoffee.com or from selected partners.

The majority of its production output is destined under the label *Sesibel* for export to China. All special requirements for export business e.g. import licences, customs clearance, country-specific legal requirements must be strictly adhered.

In search for a suitable coding solution which is

- **easy to handle,**
- **with low purchase prices,**
- **for reliable coding**

Master Caps made the decision to use the compact alphaJET mondo inkjet printer.



„The alphaJET mondo fully meets our needs. It was attractively priced and it is economical to operate without compromising quality. The Metronic team provided professional support right from the start and did an excellent job of installing the inkjet system.“

Michael Prenzel, CEO



Once the capsules have been filled with aromatic coffee and sealed, they are consolidated into groups of 10 and placed into cardboard boxes. The sales pack then travels down a conveyor through a weigh station before passing by the print head. The inkjet printer places three lines of variable product information into a coding zone on the carton.

A retro-reflective sensor mounted on the conveyor after the weigh station initiates the actual print command. When the sales pack passes the sensor, the alphaJET mondo automatically calculates the distance remaining before printing starts. Speed fluctuations on the production line have no influence on the printing operation, and the marking is always placed in exactly the right position.

There is no possibility of operator error when the ink bottles or solvents are changed. RFID chips provide feedback to the system, indicating on the display whether the right cartridges have been inserted. The operator can also keep constant track of consumption. This reduces conveyor stoppages and the associated costs.

„The compact, highly dependable printer delivers top-quality results with minimal maintenance effort.

At any time we have had no reason to complain.

We are perfectly satisfied with the alphaJET mondo“

Michael Prenzel summary

The alphaJET mondo prints the batch number and best before date on the package. The printing is clear and easy to read and it dries quickly without smearing.

A huge range of inks available, lowest consumption level and attractive maintenance concepts are consistent with the coding concept of KBA-Metronic.



alphaJET-technology

Contact-free printing with continuous ink jet is a proven system for applying variable data directly to the product. It offers users a high degree of flexibility and delivers accurate print results.

Its ability to handle various inks makes this solution a versatile coding technology which is suitable for a range of different materials. Even flexible and uneven surfaces can be printed precisely without back pressure.

Possible application fields include the application of dates, logos, barcodes, lot numbers, longer texts and graphics in clean standard characters which must be applied precisely.

To fulfil different requirements our portfolio includes high performance systems for complex or special applications as well as simplified systems for standard applications.

The components are configured in such a way that the user gets the best solution for his application.

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Coding is our passion.