

Press Release

At Host 2015 the strength of the first Italian group in the packaging industry for the coffee market

Acma is part of Coesia, one of the most recognized packaging groups in the world, boasting a unique technological know how, that is expressed in a variety of business sectors. Within this context, Acma is the point of reference for the production of primary and secondary packaging solutions dedicated to the consumer goods market. In 2015 Acma returns to Host with a strengthened commitment to the coffee industry. The company now offers a wide portfolio of dedicated solutions that includes capsuling, filling and wrapping machines.

Coffee in capsules

The last few years has seen a significant growth in the specific field of coffee capsules. In fact, capsules represent the ideal solution for the packaging of coffee in portions, as they guarantee an optimal price to quality ratio, thanks to the extrusion and modeling technologies through which capsules are created, at the same time allowing for an exceptional fragrance and a long shelf life of the final product. Responding to production and marketing requests expressed by the most qualified companies in the roasting business, Acma has dedicated significant resources to the capsule packaging industry, setting up a wide range of applications dedicated to different needs, and today it is able to cover all stages of primary and secondary packaging for the production of coffee capsules, in the shapes and sizes most requested by the market.

Tea in bags

As for what concern Tea sector, the ongoing positive trend continues to proclaim Tecnomeccanica as leader of the single-chamber packaging field, in which the Bologna-based company has become the consolidated partner of the main international groups, thanks to this T2 machine: a solution which is both reliable and flexible, configurable according to the different needs of the manufactures. There is also the extremely positive trend in the double-chamber sector, thanks to the T4, a machine which promises to become a particularly advanced solution both from the point of view of product quality and as regards the reduced impact on the environment, achieved by using a bio-degradable filter paper and by a closure system which does not use either glue or metal staples.



Acma will be present at Host exhibition: Hall 13, booth T06 T12 U05 U11

In Milan, the latest version of the Qi capsule filler will be on show. The company staff will be also at disposal to describe the latest technologies developed for the tea and coffee sectors, described below.

Other information will be spread through Acma web address specifically dedicated to coffee sector: www.coffeepodia.com

ACMA AT HOST 2015 – TECHNOLOGIES FOR TEA AND COFFEE SECTORS

Qi 500 – the latest evolution of the Qi series

Qi 500 is the evolution of the 350 model that was on display at Host 2013, with which it shares the basic concept, but improves its performance to a higher standard. The Acma capsule packaging machine, also thanks to the design of the dispensers, that are now located on independent stations, guarantees the utmost precision for weight check during filling and is preset to obtain vacuum directly in the machine, so as to extend the shelf life of the product.

Qi 500, just as for the lower speed version, is the result of a project process that devoted particular attention to the reduction of material consumption. For instance, the material used to seal the capsule top can now guarantee a paper scrap reduction from 50% to 80%, according to the capsule diameter, with respect to traditional machines. The machine is also equipped with a patented system for vacuum generation that guarantees that the residual oxygen content inside the capsule be kept below 1%, in order to maintain the product fragrance. Qi is also preset for the use of various capsule closure systems, based not only on thermoforming but also on pulses: a solution that requires less energy but also provides more precise and clean seals.

Great attention has also been devoted to ergonomics, trying to facilitate machine conduction and cleaning, at the same time developing a shape to permit the perfect machine integration into different production situations. By using the complete machine perimeter the floor space occupied is reduced to a minimum and the production flow is developed clockwise or counter-clockwise according to the layout requirements of the production area. This also permits assigning less personnel to more machines, so that a lower number of operators can supervise one or more lines at the same time. It should also be mentioned that the machine is equipped with systems for the cantilevered extraction of the various groups, so that cleaning operations become faster and more accurate. Qi is also equipped with a system for the automatic reel re-winding on the scrap belt, which also helps maintaining cleanliness and order within the production environment.



Qi 800 - velocity rhymes with reliability

The best performing machine for capsule packaging offered by Acma proposes itself as a solution capable of combining excellent production performance levels with very high reliability and sturdiness. Developed starting from an R.A Jones platform, another company belonging to the Coesia group, Qi 800 inherits a consolidated technology and improves on its thanks to brand-new solutions.

Sixteen tracks, eight hundred strokes per minute, production levels at the top of the category. But beyond numbers and performance levels, Qi 800, the Acma machine for high-speed capsule packaging, promises to be a reliable and sturdy solution, at the same time capable of accurately tracking the production process and of offering high-quality products. Qi 800 has been designed based on the machine platform of the FP series by R.A Jones, which, just as Acma, is part of the Coesia group, and has a well-established reputation in the coffee sector. The machines of this series have been greatly appreciated by the markets not only for their performance levels but also for their characteristics of sturdiness and reliability. Acma has worked in partnership with the U.S. company with the aim of developing a solution capable of becoming part of its portfolio specific for capsule filling machines.

Qi 800 is equipped with sixteen high precision dispensers, that guarantee the utmost care and precision during dispensing, thus avoiding product waste and guaranteeing the cleanliness of the production environment. The machine is also equipped with the patented R.A Jones MAP (Modified Atmosphere Packaging) system, thanks to which the operation in nitrogen-modified atmosphere permits producing capsules with a residual oxygen percentage of less than 1%, to the full advantage of the fragrance of the final product. Qi 800 is also equipped with a system for waste separation, based on a “no capsules, no dosage” mode, and can therefore prevent any waste of capsules, wrapping material and products. Finally, the machine can also be equipped with the ARA (Advanced Remote Assistance) system, a tool for the remote control of the machine functions by specialized Acma technicians.

Miniwrap – the green and cost saving solution for flowpack-packaging of capsules

The new Acma flowpacker is the ideal solution to complete packaging lines for coffee or for capsules for soluble beverages. Miniwrap has been developed with the target of reducing material consumption and of limiting costs: compared to the traditional solutions available on the market, it permits savings of 30% on wrapping material and reduces package volume by about 50%.

With Miniwrap Acma broadens its portfolio of solutions for the coffee sector and can now offer complete lines for the packaging of soluble products in capsules, thus meeting the production requirements of various types of roasters. Its distinctive feature is a speed of up to 220 capsules per minute, while at the same time ensuring, thanks to the patented gas insufflation and suction system, that the oxygen content inside the package be always kept below 1% and that the nitrogen consumption be reduced by at least 50%. Miniwrap guarantees ideal performance levels for the completion of mid-speed capsule packaging lines. Moreover, more Miniwrap machines can operate in tandem to meet the requirements of high capacity production lines.

Miniwrap, such as the capsule packaging machines of the “Qi” series, has been designed and developed to be part of a “green” project, aimed first of all at reducing waste, so as to guarantee savings for the customer, and at the same time limiting any impact on the environment. Practically speaking, these characteristics translate into a 30% reduction of the wrapping materials necessary for packaging as compared with the solutions traditionally available on the market, while the package volume has been reduced by more than 50%. In turn, this involves the optimization of all the logistic costs upstream from the production process: from transport to stocking costs up to the display in the retail stores. Last but not least, the machine permits producing extremely high-quality packages as concerns both appearance and mechanical resistance, which contributes to making this machine a unique offer on today’s market.

Tecnomeccanica T2 and T4: consolidated technology for innovative packaging

Tecnomeccanica, the Acma brand specifically dedicated to the tea sector, offers advanced solutions for single or double chamber bag packaging. The Bologna-based company is able to integrate into its own machine systems for secondary packaging that are both practical and cost-effective, like the wrap-around or the bag-in-bag solutions.

The ongoing positive trend continues to proclaim Tecnomeccanica as leader of the single-chamber packaging sector, in which the Bologna-based company has become the consolidated partner of the main international groups, thanks to this T2 machine: a solution which is both reliable and flexible, configurable according to the different needs of the manufactures. For example, the machine is available in the full-leaf configuration, dedicated to complete leaf product packaging, and can be integrated with different systems for secondary packaging, including the “bags-in-bag” one, so as to allow consumers to purchase single bags, a solution which is particularly appreciated on markets like Africa and the Middle East.

There is also the extremely positive trend in the double-chamber sector, thanks to the T4, a machine previewed during the recent Interpack fair, and which promises to become a particularly advanced solution both from the point of view of product quality (the bag has been described as the “ most beautiful in the world”) and as regards the reduced impact on the environment, achieved by using a bio-degradable filter paper and by a closure system which does not use either glue or metal staples.

T4 has recently undergone a technological upgrade aimed at incrementing performance, with an upgrade from 250 to 300 bags per minute. As in the case of T2, T4 can be integrated with different groups for secondary packaging. It is also possible to set it up for 10-bag packaging in “micro boxes”: a solution which permits savings of up to 50% as compared to the commonly used boxes. A further type of secondary packaging is the “wrap-around”, in which the groups of bags are wrapped in a one-piece cellophane wrap. T4 is the only machine on the market that can be equipped with an integrated cellophane machine.