

For the evolving food market

# Combined packaging machine

In Aranda de Duero, in the Spanish province of Burgos, everything revolves around the concepts of environment, culture, tradition and well-being. In the heart of this fascinating territory of northern Spain lies the headquarters of the Pascual company, a reference point in the food sector, which within the concept of "Doing the best we can" contains all its history, made of passion, tradition, quality and innovation.

For the packaging processes within its production lines, in Spain and around the world, Pascual has been collaborating with SMI for years. An example of such a partnership is represented by the recent supply of a combined packaging machine from the CM 800 FP range, installed at the Gurb plant, Barcelona, for the packaging of Pascual milk bottles, in wrap-around cardboard boxes and in tray + film and film only formats, with the use of 100% recycled shrink film.

## Environmental sustainability

Pascual has taken a further step forward, in its environmental sustainability goals, becoming the first company in Castilla y León, and the first dairy company in Spain to register, in 2020, its direct and indirect emissions (only 12% of companies do so) of CO<sub>2</sub> at the Spanish Office for Climate Change (OECC). Pascual will further improve the recyclability and sustainability of containers, of all its brands, by using the new "anchored" cap.

This anticipates forthcoming legislation that represents a real challenge for the "packaging" industry, since the directive also establishes that plastic bottles must contain at least 25% recycled plastic, a parameter that some brands such as Bezoya already reach, 100%.

This Spanish company is testament to the strength of passion and energy put in place to benefit the well-being of earth, animals and mankind. From these synergies, unique and quality products are produced, that are packaged by the packaging machines supplied by SMI, because "doing the best we can" also means pursuing continuous improvement in the solutions offered to consumers: new products, new taste combinations, new packaging solutions, new packaging.

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### CM Ergon packer

The choice to install a combined packaging machine of the CM range at the Gurb plant stems from the need to have a flexible machine able to meet the needs of a constantly evolving food market, which forces companies in the sector to adopt increasingly dynamic, competitive and flexible production processes. The frequent changes in consumer habits and preferences impose new competitive challenges and a great ability to adapt, on the food & beverage industry, both with regard to the range of products to be offered and the packaging.

At the Aranda de Duero plant, there are currently four packaging machines supplied by SMI for secondary packaging, in particular two combined machines of the CM range, a shrinkwrapper of the SK range and a packaging machine of the MP range for packaging 0.15l, 0.2l, 0.25l and 0.5l containers in 2x2, 1x2 and 1x3 clusters. At the Gurb plant near Barcelona, the third combined SMI packaging machine of the CM range was recently supplied to Pascual. It is used for packaging 1.5l milk bottles in wrap-around cardboard boxes (in 2x2 and 2x4 formats) and in 3x2 film-only bundles.

With the CM series, frequent format or product changes are possible, such as the CM FP 800 model chosen by Pascual, which processes 1.5l PET milk bottles in wrap-around cartons and packs in film only. With the installation of a CM packaging machine, high-quality packaging can be produced in film only, tray + film, pad + film, tray only and cardboard boxes completely or partially closed.

For instance, when the processing program involves packaging in tray or wrap-around boxes only, the heating tunnel and the film wrapping system are automatically deactivated by the machine control system.

CM packaging machine characteristics:

- It is possible to pack a wide variety of containers at a maximum speed of 80 packs per minute.
- The system equipped with a heating tunnel with metal chain for splicing of the film below the package.
- The tray+film and film-only formats are made with the use of 100% recycled shrink film; it is an advantageous and eco-sustainable solution, which allows Pascual to give a second life to plastic and reduce the carbon footprint of the raw material.

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