

# UNIVERSAL PACK

## ENTER A NEW LEVEL OF FLEXIBILITY

### THE PROJECT

The cooperation between this company (one of the biggest multinationals active in the coffee market) and Universal Pack begins in 1977 with the purchasing of a stand-alone machine for granular coffee, for the English division of the company.

The project we cover today, involves the development of a complete line to package granular coffee mixes in sachets and automatically insert them into pre-glued cartons.

The purchaser needed a solution allowing for the best available flexibility, output and compliance with the requirements of the food industry.

**Universal Pack's project fulfilled all requirements. It is based on the following aspects:**

Advanced reel management system with titanium reel shaft for easy lifting and carrying (it weighs less than 15kg)

The dosing system can be removed and positioned at a comfortable height to facilitate cleaning and size changeovers

A customized sachet transfer system has been developed to keep primary and secondary packaging in separated environments

Thanks to a Universal Pack patented system, you can minimise the volume of cases by positioning sachets on their edges

Adjustments and size changeovers are performed without using tools.



Examples of packs produced by Universal Pack complete line

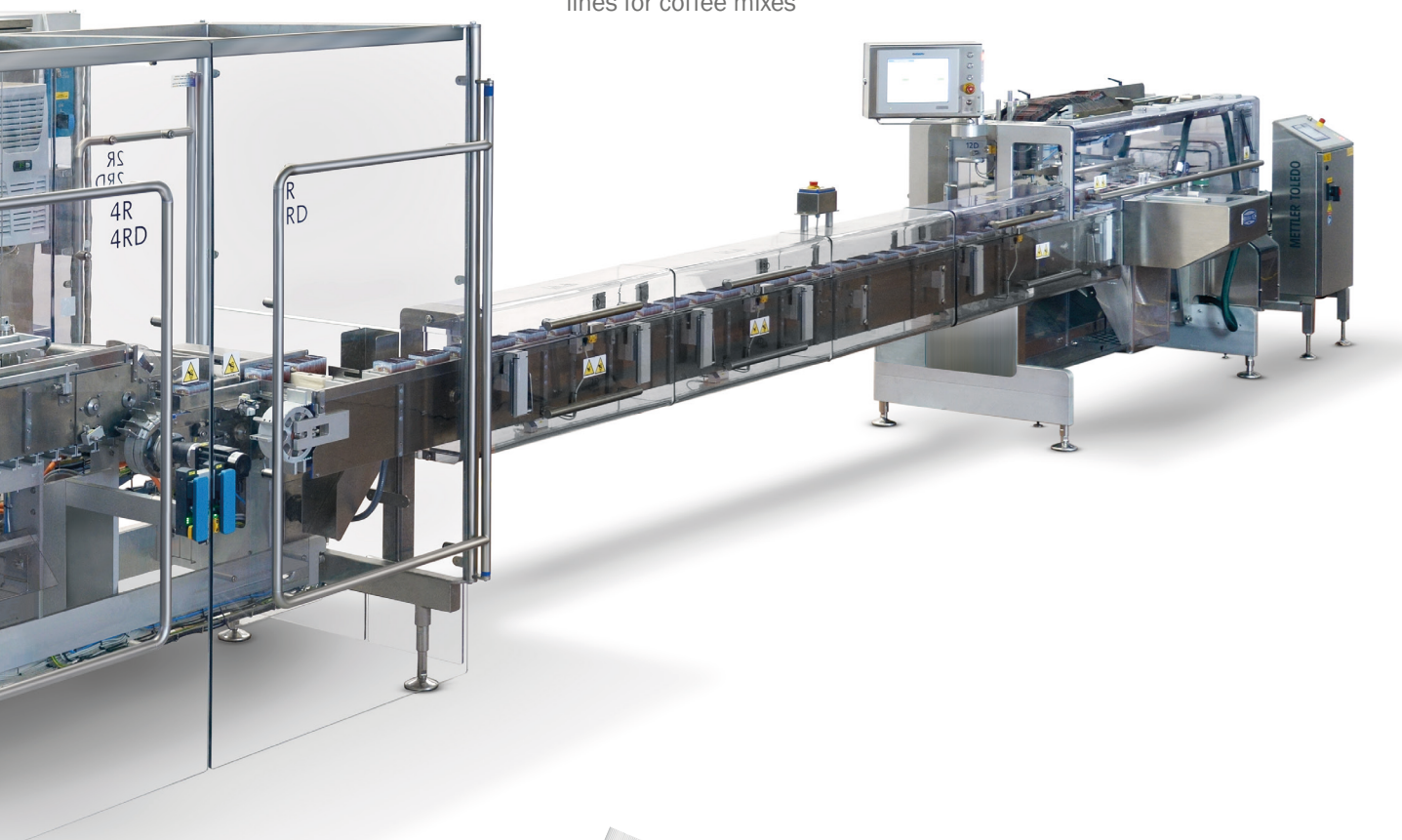




New projects bring the company to develop new patents and devices, making the packaging process smarter, sustainable and more performing. Here's a new case study.



One of Universal Pack complete lines for coffee mixes



To guarantee the utmost precision at any speed, the lines have been equipped with single-lane check weighing cells with an accuracy of up to 1/1000 of gram, with direct feedback to the dosing unit

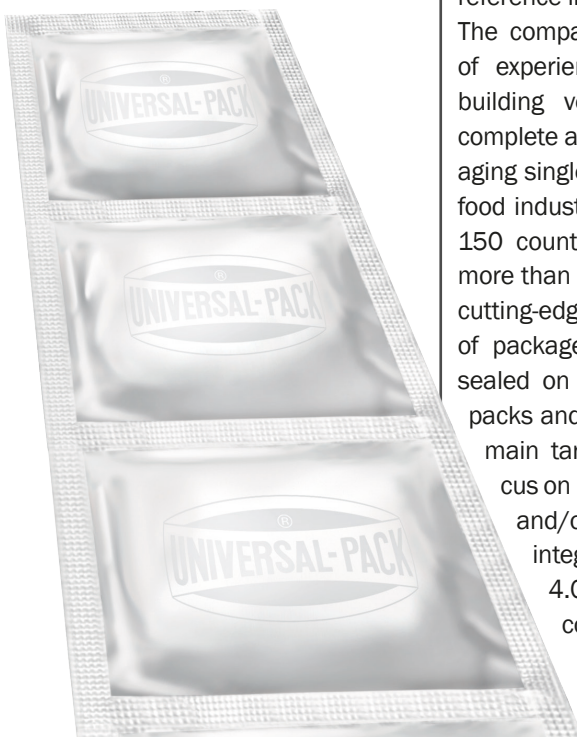
Monoblock integrated line for maximum OEE: all the electronics on the line are integrated in order to manage states, commands, configurations and data storage from one single access point

Universal Pack cartoning machines offer total visibility of cartons, both from the front side and the rear side of the machine. This exclusive and unique feature makes adjustments and size changeovers particularly easy since it is possible to visually "follow" the product during all stages of production

Moreover, Universal Pack cartoner has a high carton magazine capacity even in a very small footprint (magazine is 1,5 meters long). 🏢



[www.universalpack.it](http://www.universalpack.it)



Universal Pack is an international reference in the field of packaging. The company has over 50 years of experience in designing and building vertical machines and complete automatic lines for packaging single dose products for the food industry. It is present in over 150 countries and has installed more than 8000 systems. It offers cutting-edge solutions for any type of package: stick-packs, sachets sealed on all four sides, shaped packs and cartons. Currently, the main targets for innovation focus on packaging with recycled and/or recyclable materials, integration of machines in 4.0 environments, energy consumption optimization and environmental sustainability.

#### ADVANTAGES OF THE PROJECT

- Advanced reel management system
- Customized transfer system
- Total flexibility
- Minimised carton volume
- Adjustments and size changeovers without tools
- Single-lane check weighing
- Laser printer with OCR
- Removable dosing unit
- Monoblock integrated line for maximum OEE
- Cartoning machine with double cantilever structure