



# MCS

PRODUCTION TECHNOLOGY





## THE COMPANY

# MCS PRODUCTION TECHNOLOGY

MCS Packaging Technology is a brilliant and innovative Italian company, which works in the primary and secondary packaging sector.

Since its birth, it has been working to contribute to its customers' success, create innovation, cultivate and spotlight the professional resources of the company's members.

These goals can be achieved only by producing reliable and high quality machines.

This is MCS Packaging Technology's purpose.

"Capability means result" and this is what MCS Packaging Technology gives to its customers and to their consumers with ongoing commitment.

The technological expertise and the territorial intelligence cultivated by MCS are globally spread thanks to the excellence and reliability of its machines. The company combines research and development in technological innovation with special attention to the customer and his needs.





The range of automatic machinery of MCS Production Technology, unique for quality and reliability, allows the company to stand out on international scale in the realisation of complete end-of-line systems, from the primary product to the palletization.

MCS works in cooperation with a limited number of qualified suppliers in order to ensure the high quality standard of MCS Production Technology's plants to its customers.

The company's complete lines are appreciated by its customers for their efficiency, their high mechanical strength and their low need for maintenance.

The packaging provided by MCS stands out for the accuracy of the structure and the quality of the package's final result. All this is achieved by using technologically advanced equipment, first choice materials and by controlling the achievement of specific tests.

# MCS PRODUCTION TECHNOLOGY

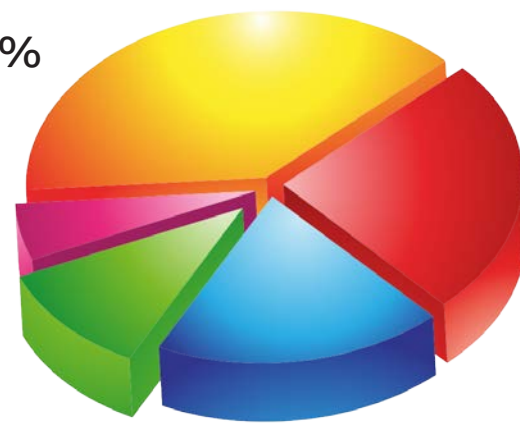
## Further information

Founder:	Rizzato Gianluca
Founded in:	2000
President:	Rizzato Gianluca
Total number of employees:	34[56]
Investment in R&D in 2014:	30%

## Industrial sector

MCS Production Technology deals with the realisation of innovative solutions for primary and secondary packaging automation for the food sector, the pharmaceutical sector, with products derived from glass tubes, and finally for the cosmetics sector.

- Mechanical engineering and assembly 55%
- Electrical and software engineering 25%
- Sales Department 10%
- After-sales service 6%
- Purchasing Department 4%



## Food&Beverage

Meat  
Cold cuts  
Cheese  
Vegetables  
Frozen food  
Snacks  
Confectionery products  
Pasta  
Bouillon cubes  
Canned food  
Doypack  
Cheerpack  
More

## Non Food

Pharmaceutical products  
Personal care products  
Home care products  
More





# Primary Packaging

The primary packaging is conceived so that it can be used as a sales unit for the end consumer.

This is the packaging in direct contact with the product and which, therefore, has to guarantee its conservation and protection.

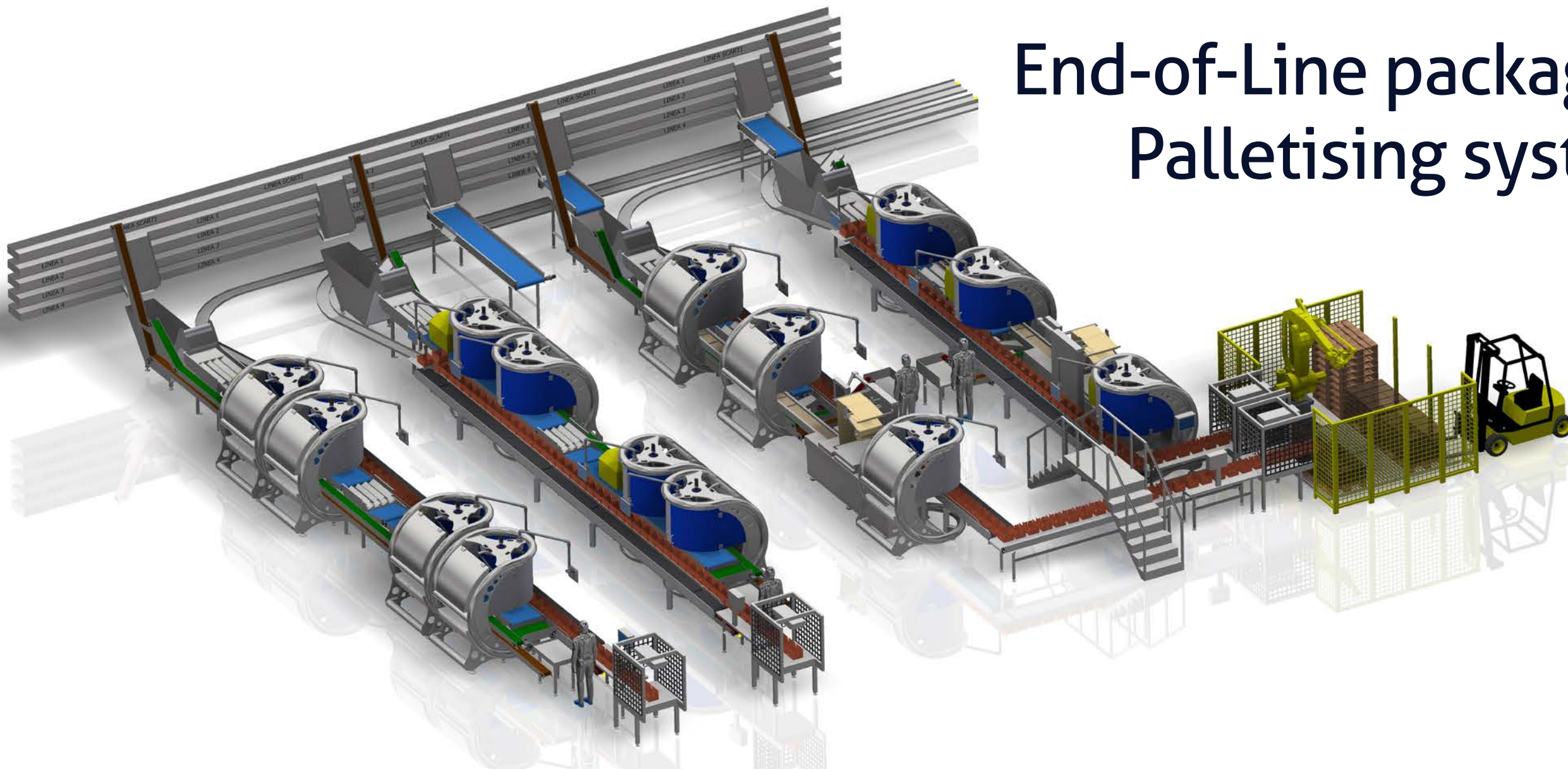
# Secondary Packaging

Secondary packaging is conceived so as to constitute the grouping of a certain number of sales units.

It can be sold to the final consumer as a single unit or used to facilitate the supply of the shelves in the shops. Then it can be removed by the consumer, without altering its characteristics.



# End-of-Line packaging and Palletising systems



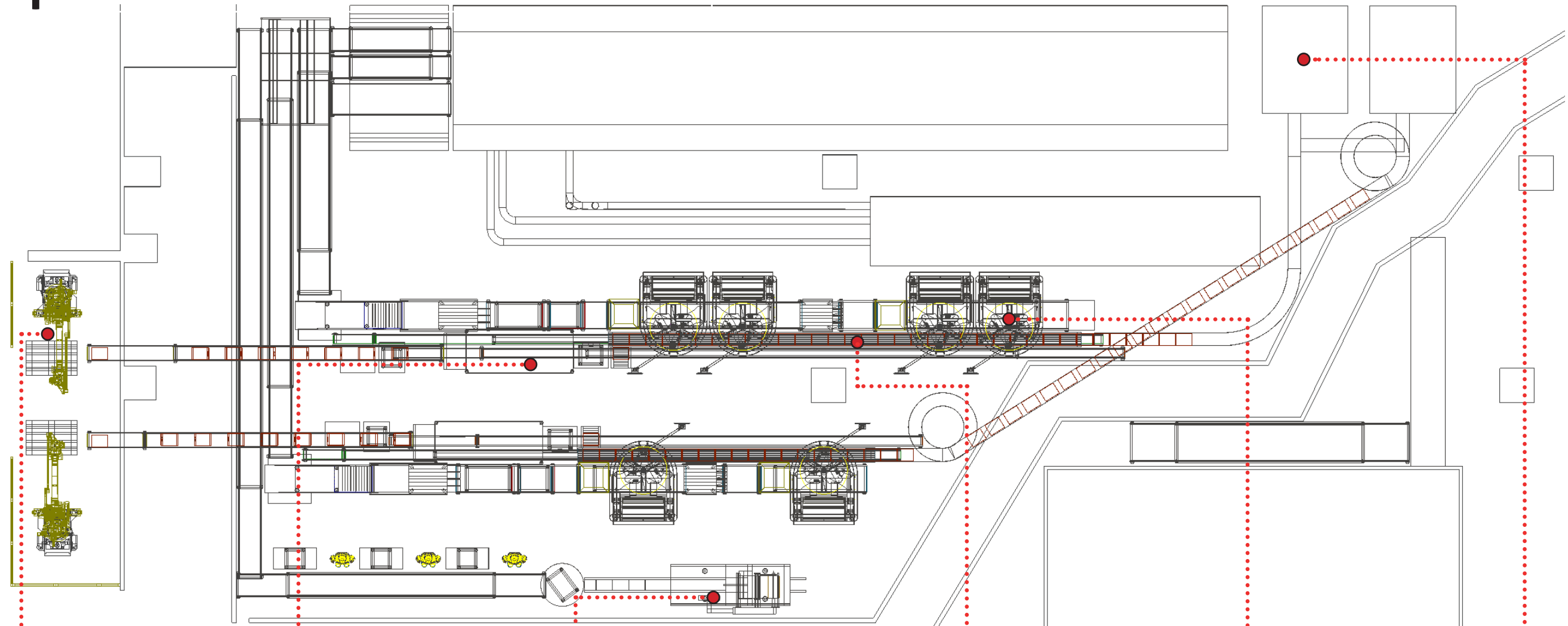
The result of the careful and accurate study, conducted by the company on the product, is efficient machines that allow a good return on investment.

MCS Production deals with the study, the planning and the installation of complete lines for food products packaging. In the preliminary phase of the project study, all the line solutions proposed by MCS provide accurate analysis of the dynamics of product accumulation, distribution and movement. In this way, it is possible to ensure a smooth and steady production and the maximum operational flexibility of the installed machines.

MCS planning of turnkey solutions is based on the most sophisticated and modern standards in terms of reduced machines dimensions, ease of use, energy saving and reduced management and maintenance costs.

The customer can also count on an efficient technical assistance service, which provides for the MCS Production Technology's lines activation and maintenance on international scale.

# Complete lines solutions



Robot  
palletizers

Specific anthropomorphic robots used for palletizing operations. Flexible and customisable robots with gripper tools for picking and placing, which are designed specifically according to the product that has to be handled.

Carton sealing  
station

Automatic machine for the American carton top sealing with hot melt or adhesive tape.

Flow-pack  
station

Flow-pack line for multiple packaging (multipack). In this specific case, the customer required a manual loading and unloading system.

Cleated  
conveyor belt

Cleated conveyor belt for the controlled feeding of cartons in the cartoning area. It can also deal with the carton format change, in length and in width.

Pick and Place  
cartoning station

Delta Robot FP-C for the products packaging with pick & place system. Thanks to its speed, the robot reaches up to 200 cycles/min according to the product.

Carton forming  
station

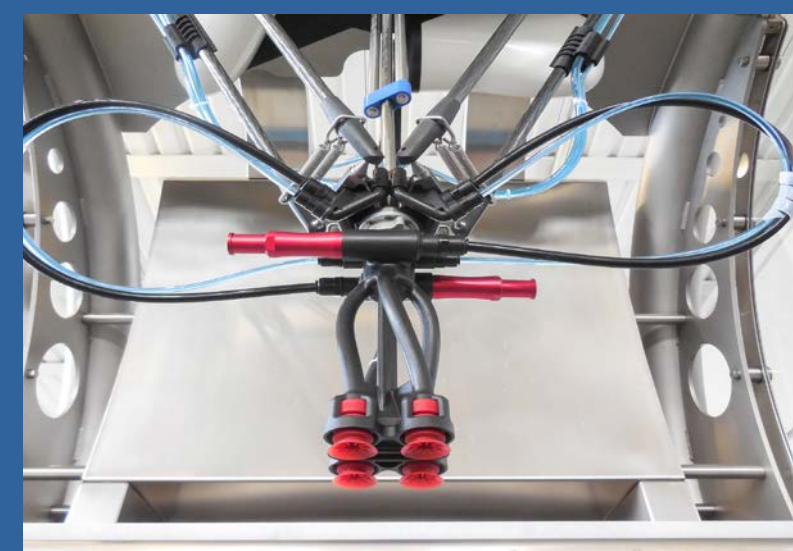
Automatic carton forming machine for American or auto-lock bottom carton. The bottom closure is made with hot melt or adhesive tape.



# CP01-01-1100

[Hygienic Design]

Packaging Unit with  
Delta Robot



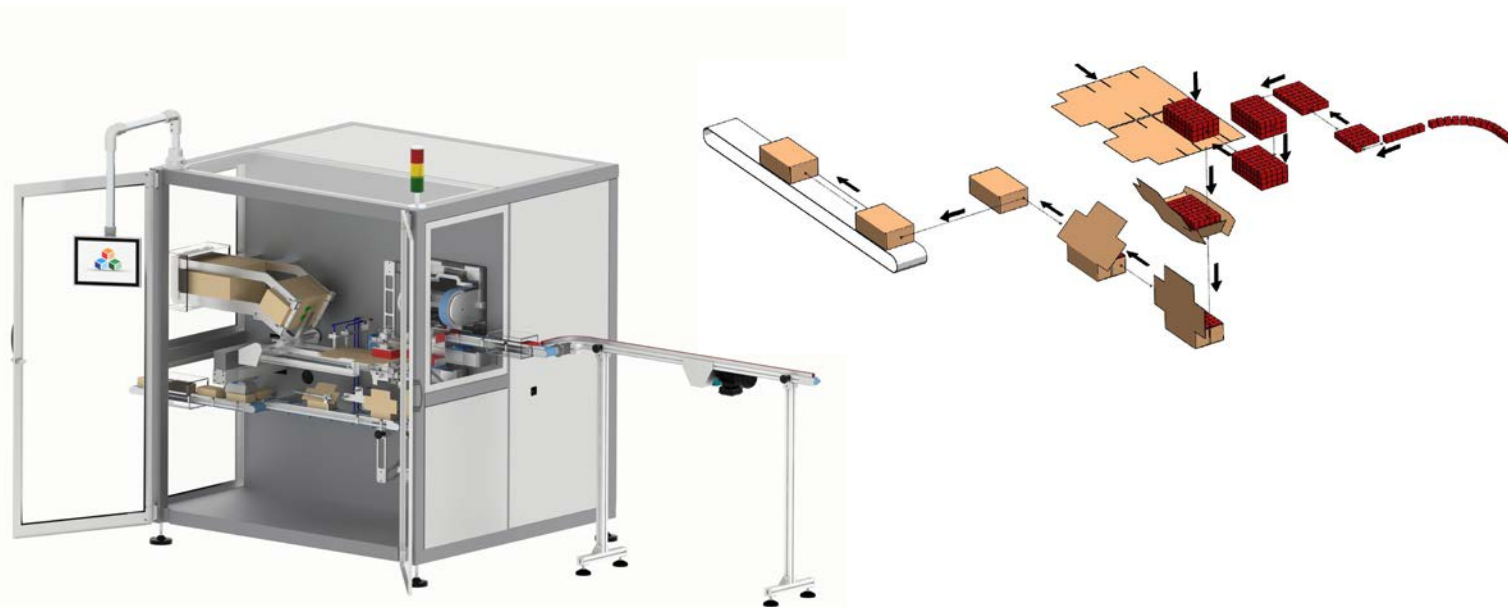


# Cartoning Unit Wrap-around

mod. WA01-1500-15



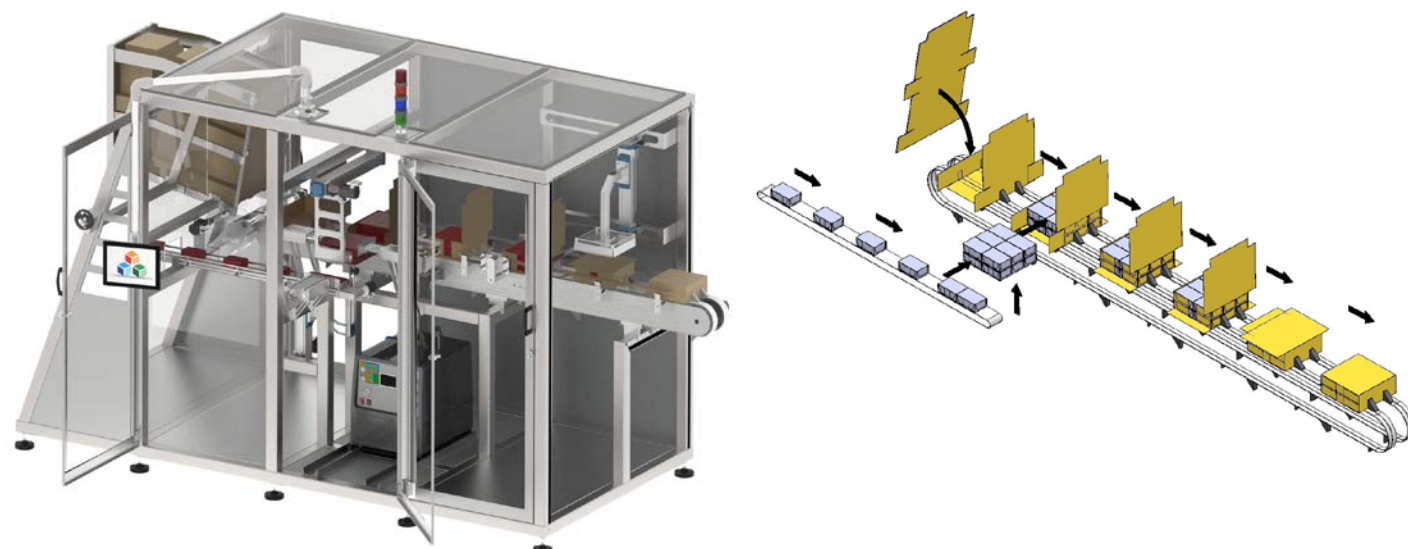
Cartoning machine Wrap-around: carton sealing with hot melt.  
Up to 40 cases/trays per minute (product and pack pattern dependent).



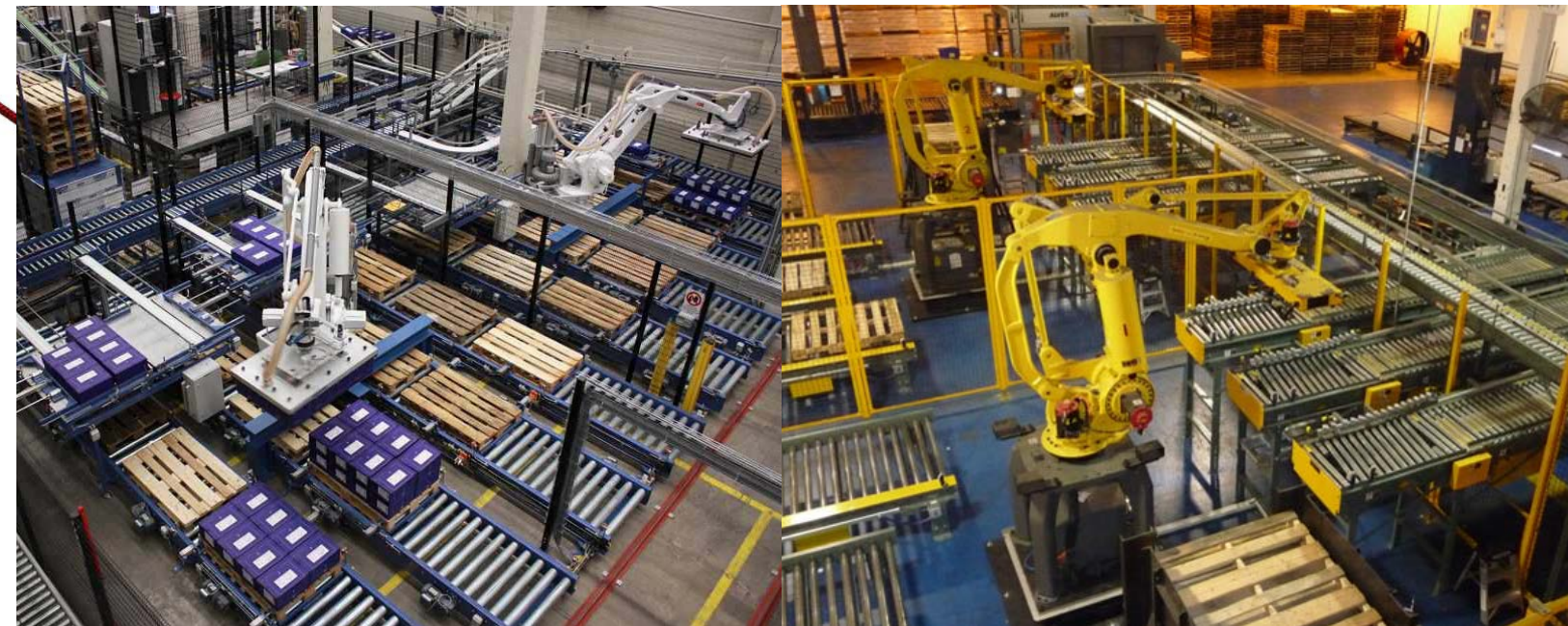
mod. TP01-13-15



Cartoning machine Case Packer: box sealing with hot melt. Up to 60 display boxes per minute (product and pack pattern dependent).



# Robotic palletizing system



MCS Production technology finalises its lines with completely automatic robotic palletising systems, by using robots with different payload capacities and reaches, which are fed by automatic shuttles for loading and unloading pallets. The palletisation is managed from the automatic loading of empty pallets to the stretch wrapper. The transfer of full pallets is carried out by automatic shuttle or unloading roller conveyors, according to the customer requirements.





# Our services

## Sales Department



MCS Production Technology counts on a team of competent and professional sales personnel, who deals with the public relations with the customer. After an initial visit to the customer, which is necessary for understanding its real needs and for collecting useful information for the project analysis, MCS offers advice on the assortment of its machines.

From the very first contact, the sales personnel follow the customer step by step in the evolution of his packaging ideas. They share their know-how with him, in order to find together the best solution. The result of a dynamic discussion between the sales team and the customer is the preparation of a technical-economic proposal, which meets all his expectations.

# Our services

## Research and development



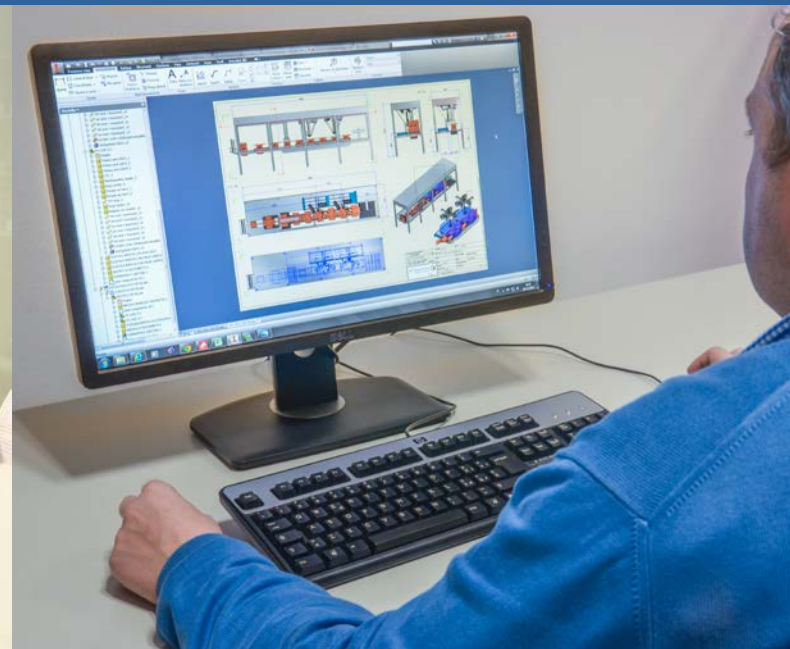
In recent years, the packaging market has undergone profound changes. The growing consumer's demand for a wide range of diversified products and the key role that the package represents for the marketing are just some of the leading factors of the continuous evolution of the packaging industry.

All this leads MCS to a continuous search for technological innovation, in order to guarantee the customer a competitive packaging that can influence the purchasing decision. Moreover, MCS Production Technology promotes an ongoing dialogue and a well-structured collaboration between its R&D Department and universities, with the purpose of realising innovative projects in the engineering environment.



# Our services

## Software and Mechanical Design



MCS Production Technology has a Software House made up of highly qualified engineers, who deal with the machines software development using the most famous brands of PLC and motion control. The PLC is combined with a powerful and user-friendly operator interface system (SCADA).

The complete mechanical design of each plant is produced in-house by MCS Production Technology. After a careful analysis, MCS mechanical engineers offer their best solution in terms of functionality, reliability and cost-effectiveness of the system.

# Our services

## Mechanical and Electrical Assembly



Raw materials and the components of each machine are carefully selected from those that guarantee reliability, durability and mechanical strength, thanks to a detailed technical analysis of the best products in the market. Then, all the components are assembled by the MCS mechanics with care and precision, paying attention even to the smallest details.

MCS Production Technology relies on its sister company RG Engineering S.r.l. for the construction and assembly of electrical panel boards. The electrical panel boards are manufactured according to CE standards and, if it is required, also to the American standards UL and Canadian standards CSA. After being completed, the electrical panel boards are tested to meet the market standards in terms of quality.



# Our services

## After-sales service



MCS Production Technology offers a perfect combination of global expertise and local presence. MCS works closely with its clients to ensure the best possible assistance for their machines, in order to guarantee a high quality packaging.

MCS technicians and engineers equip machines with original spare parts and support clients in developing a program of optimal maintenance for their plant. After-sales service also includes support for the reduction of machine downtime as well as technical assistance for every MCS machinery worldwide.

# Our services

## Training and Seminars



MCS Production Technology's customer service relies on specialised engineers and technicians. They are constantly kept up-to-date and trained thanks to specialization courses, which are organised by the Internal Management in order to provide its customers with a prompt and efficient service.

As an experienced producer of packaging systems, MCS Production Technology offers a complete training program that consists of several modules, offering custom-made courses.

Depending on the required level, it is possible to choose between three types of training:

- Essential
- Advanced
- Specific.





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