

AUTOMATION

End of Line

With the aim of being able to offer complete packaging solutions, ILPRA designs and manufactures secondary packaging machines for palletising and boxing previously sealed containers such as trays, cups, jars, etc.

ILPRA provides complete packaging solutions, creating high-quality, integrated end-of-line systems. Palletisers, tray packers, case packers and robot islands increase productivity and reduce costs through the use of quality materials. Our software allows total control of working parameters, creating a design tailored to your needs and easily integrating the end-of-line into your plant.

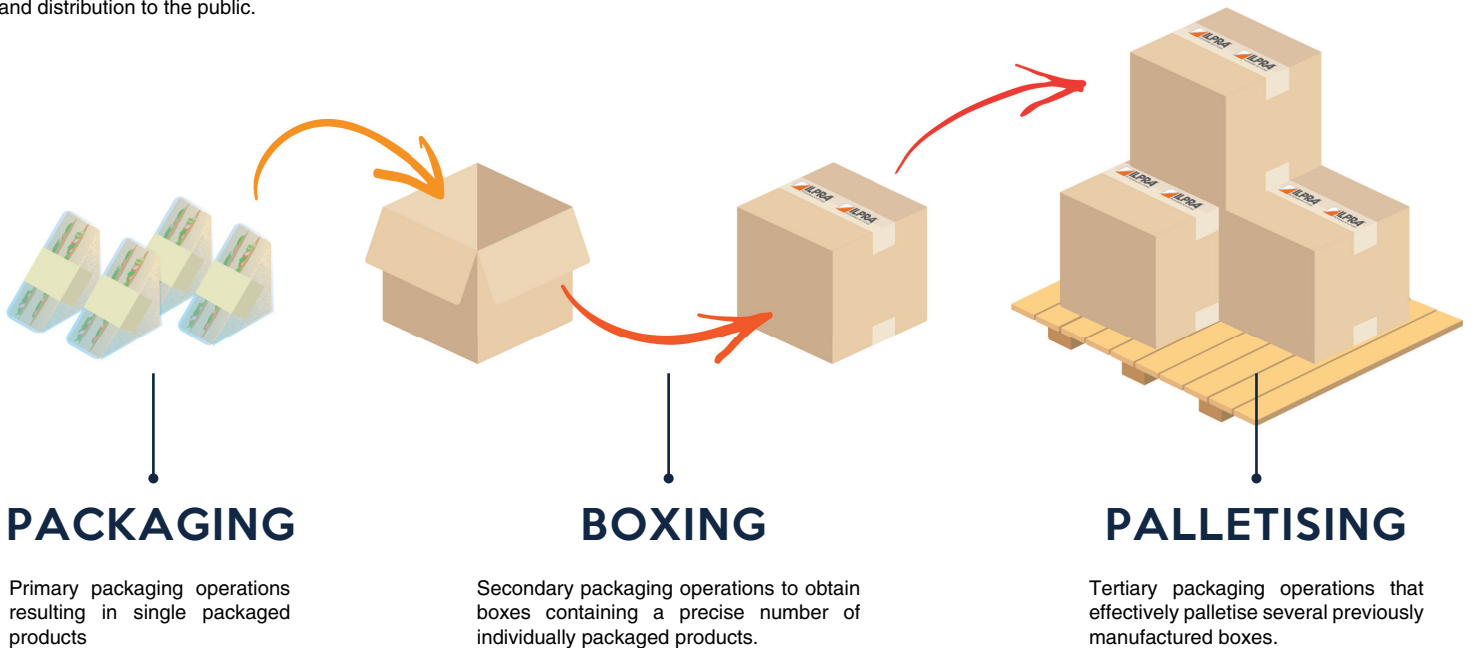


- HIGH WORKING PRECISION
- HIGH QUALITY COMPONENTS
- TOTAL CUSTOMIZATION
- FOR ANY SECTORS
- SEAMLESS INTEGRATION
- EASY TO USE

TOTAL CONTROL OF ALL PACKAGING PHASES

End-of-line systems allow all secondary and tertiary packaging solutions to be realised.

Depending on the type of product to be packaged, there are tailor-made solutions that make it possible to optimise all the phases following packaging, i.e. storage, transport and distribution to the public.



AUTOMATION

Pick&Place

Pick & Place are automated systems that perform the function of picking and placing products.

They are machines designed to perform specific movements automatically, quickly and precisely according to a repeated cycle. They allow repeated actions to be carried out much more consistently, accurately and quickly than human work.

They generally consist of a fixed structure positioned above two conveyor belts with parallel feed. On one side are the products to be picked and on the other side the element on which they are to be placed.

- FASTER WORKING TIMES
- REDUCED LABOUR COSTS
- CONSTANT WORKFLOW, INDEPENDENT OF SHIFTS
- ENABLE INCREASED PRODUCTION AND THEREFORE COMPANY PROFITS.



AUTOMATION

Case Packer

Cartoning machines are machines designed to form and fill American-style cartons and to package products in corrugated cardboard boxes or crates. They are fully automated systems. Suitable for achieving high production speeds for regular, irregular, soft and rigid products.

The RS model is a vertical case packer that can be integrated with a wide range of packaging machines.

Strong customisation possibilities together with servo-assisted handling make this model the ideal solution in terms of quality and performance.

- HIGH PRECISION AND RELIABILITY
- FULLY AUTOMABLE
- INCREASED PRODUCTIVITY
- SPACE-SAVING SOLUTION
- IDEAL FOR LARGE WORKFLOWS
- FULLY CUSTOMISABLE



AUTOMATION Robotic Island

ILPRA designs and develops highly customisable robotic island solutions for depalletising, palletising and cartoning various product categories. Our solutions make the best possible use of available space through the use of anthropomorphic robots, allowing maximum flexibility in the work process.

ILPRA's robotic islands are designed for palletising and boxing packages. The totally electro-mechanical handling guarantees gentleness and total management of the working parameters.

Each robot cell is developed according to the customer's needs, so that it can be easily integrated with any pre-existing packaging lines. Our Product Managers learn the different requirements of each production to study the ideal solution to guarantee the best possible result in terms of precision, speed and efficiency.



■ RAPID CHANGEOVER OF GRIPPING HEAD

■ MAXIMUM FLEXIBILITY

■ CONSTANT WORKFLOW

■ SMALL FOOTPRINT EXPANDABLE

■ SEAMLESS INTEGRATION

■ HIGH WORKING PRECISION



AUTOMATION Palletizer

Palletisers are machines that enable products to be stacked and organised on pallets quickly and efficiently. They allow goods to be stored in a safe and orderly manner. It consists of a rigid structure on which a mechanical arm with grippers slides vertically and horizontally to transport the goods on the pallet.

The palletiser executes a path established during the design phase, with the aim of placing the product on a standard-sized pallet or in the position assigned by the programmed palletising scheme.

The ILPRA PS model is a twin bay robotic palletiser capable of ensuring production continuity without sacrificing space, thanks to its compact layout. The gripper system is configured to work on various packaging formats (boxes, baskets, bags, etc.).

■ OPERATING COST SAVINGS 35%

■ REDUCTION OF PERSONNEL COSTS BY 70%

■ REDUCED ACCIDENTS AT WORK

■ MATERIAL HANDLING SAFETY

■ INCREASED PRODUCTIVITY 30%