

EL LOAD



EL LOAD Basics

- Automated packing station for bulk products or packs
- Handling / Packing by "Delta" type pendular robot
- The products (cups, bottles and packs) can be:
 - grouped, referenced and picked up when stationary
 - synchronized / timed and picked-up in continuous movement (following the conveyor)
- Open boxes or boxes with flaps can be:
 - loaded when stopped after referencing
 - loaded in continuous movement (following the conveyor)

Important points

- Industrial efficiency
- Ergonomics and safety
- Modular, upgradeable design

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Industrial efficiency

- Production rate for 125g cups: up to 43,200 cups per hour
- The number of robotic heads is adapted to the speed of the incoming flow
- The products are handled from above with suction or mechanical grippers
- The flows of products and boxes are controlled by the packing cell to ensure the boxes are fully filled

Ergonomics and safety

- The robotic tooling is easily removed (without tools) enabling quick adjustment to different processing formats
- Stainless steel frame structure with minimum 150mm ground clearance
- Doors with safety contact and Makrolon housing gives maximum visibility of the packing zone

Modular & upgradeable design

- Modular equipment compatible with sequential and continuous processes
- Modular, upgradeable equipment enabling the easy addition of robotic heads
- Guide-free tools requiring no adjustment or replacement of parts: no mechanical stress

