

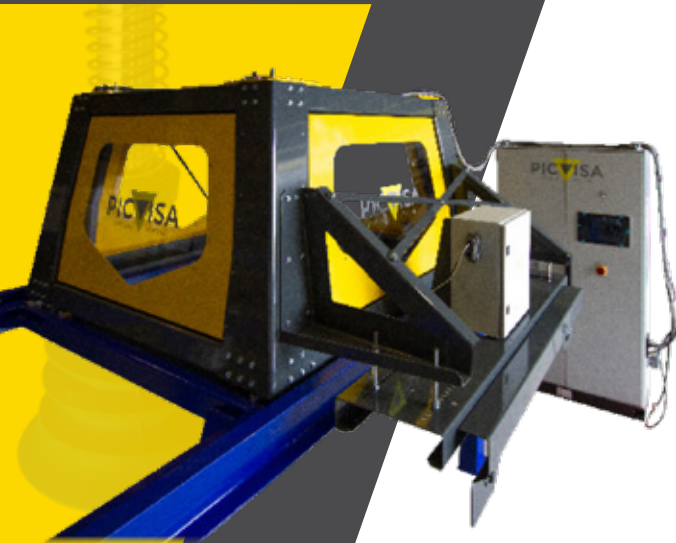
ECO PICK ROBOT

QUALITY CONTROL ROBOT

FOR MATERIAL RECOVERY FACILITIES
AND RECYCLING PLANTS

ROBOT WITH ARTIFICIAL VISION

FOR THE CLASSIFICATION OF WASTE



"Delta" type robot that uses artificial intelligence (AI), by means of Deep Learning algorithm, for the recognition of objects.

- Detection based on visible light (VIS) and optionally at the near infrared (NIR).
- Collection of objects by suction with suction cup.

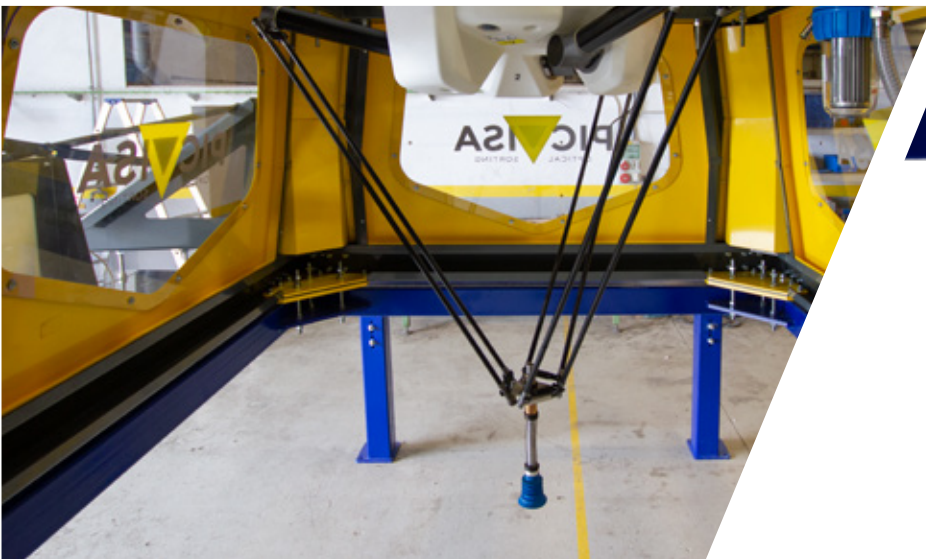
ECO PICK is a robot based on artificial intelligence (AI) that recognizes and classifies a wide variety of objects on a conveyor belt, replacing the tasks usually performed by a manual pickers.

Possibility of remote connection for updates and optimizations of the system, expanding the library of objects to be recognized and improving its accuracy over time.



Key benefits of **ECOPICK** in the industry:

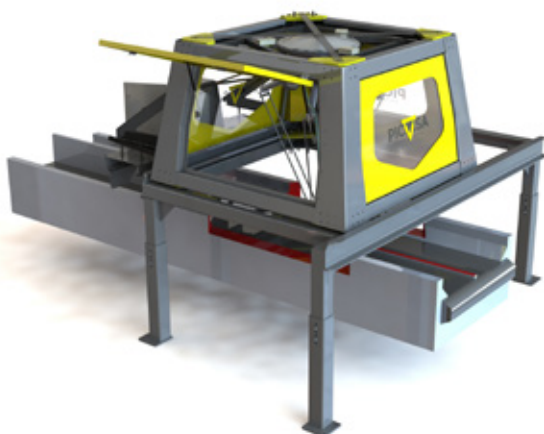
- Reduction of dependence on manual pickers:
 - Stability of production (24/7).
 - Performance improvements.
- Short period of amortization of the investment.
- Real-time access to statistics on classified material.
- Faster line adjustments through vision and data analysis.
- Easy maintenance and low cost spare parts.
- On-line customer support service.
- System adaptable to existing installations.



PICVISA is a technological partner for the development of R+D+i projects and the implementation of improvements in existing plants.

ECOPICK unit available in our Test Center for tests with new materials and applications.

Integration of the **ECOPICK** robot in a light packaging plant for tasks of quality control and recovery of recoverable materials on rolling stock.



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