

ALCA TECHNOLOGIES

ALCA PALLETIZER

Alca Palletizer is a collaborative robot palletizer that can handle payloads of up to 11.5kg at seven boxes per minute*, without a fence or cage surrounding it. The small footprint gives flexibility and scalability in its location and it can be moved easily on other end of lines thanks to the rugged design and the forklift entrance.

Following ISO standard 13849 and TS/15066 for robots, the Alca Palletizer is designed to work alongside personnel, if an operator comes into contact with the robot arm, it will automatically stop to reduce the risk of injury; Laser scanner, radars and other safety devices can also be integrated for maximize safety (Optional on request).

Alca Palletizer comes with fully integrated Rocketfarm "Pally" software. This allows to quickly design a new pallet pattern or load an existing one, including interlayers and adjustments for label location. Robot movements are optimized and synchronized with its telescopic pillar for the quick pick per minutes.

Typical programming can be done in 15 minutes. Alca Palletizer is easy to install and configure, destined to become a new work colleague! Space that can be shared with the workers without physical barriers, design to fulfil the demand of supplier of large scale distribution.



Features:

- Possibility to manage gripping with vacuum systems or electric gripper.
- Guided reprogramming Via graphical interface or direct questions to the operator, includes 6 month of Rocketfarm "Pally" SW

Specifications:

- **Software version required**
Minimum box dimensions: 150x150x150 mm At 2.2m height
- **Dependencies**
Compressed air, sensors or external signals for box presence
- **Certifications & standards**
CE, ISO TS 15066 Compliance
- **What's in the box?**
Alca Palletizer
UR10e or UR20
Pally' URCap from Rocketfarm
Interlayer magazine (optional)
MIR docking bay (optional)
Conveyor belt (optional)
- **Risk assesment**
Our risk assessment takes into consideration the CE standards. Based on that, we evaluate the weights to be handled and, consequently, reduce the maximum speed and forces of the robot. In addition to what has been mentioned, there is a careful selection of mechanical and pneumatic components, STO signal is delivered to the pillar, laser scanner or radars can be added
- **License type**
One-time purchase

