

# Collaborative Palletizing Robot for Automated Packaging

This collaborative palletizing robot automates the palletizing process by working alongside humans. The robot palletizer has a small footprint and operates without cages.



## ADDITIONAL IMAGES



## Product Overview

### Collaborative Palletizing Solution

This collaborative palletizing robot is engineered for safe, efficient operation alongside human workers in shared workspaces. By automating the stacking and arranging of boxes onto pallets, it helps improve overall productivity and reduces the risk of workplace injuries. The system utilizes advanced sensors and collision-avoidance algorithms, eliminating the need for traditional safety cages while maintaining a high standard of operational safety.

## Technical Specifications

Maximum Payload	15 kg
Palletizing Speed	5 boxes/min
Power Supply	3 phases, customized voltage

## Operational Features

### Performance Highlights

<b>15 kg</b> Max Payload	<b>5 boxes/min</b> Max Throughput
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### Safety Capabilities

- Human-robot collaboration
- Collision detection sensors
- Adaptive movement algorithms
- Cage-free operation

### Recommended Industries

Logistics, Manufacturing, Warehousing, End-of-line Packaging