



# ROBOTIC BULK DEPALLETIZER

Designed for operations managing multiple product types and line destinations, Goldco's Robotic Bulk Depalletizer delivers flexible, automated depalletizing across high-mix production environments. The system efficiently handles a wide range of product sizes from multiple incoming lines, routing them seamlessly across downstream distribution lines.

With adaptable end-of-arm tooling, the system supports empty and filled cans, plastic containers, and cases, reducing manual handling while improving consistency and throughput in dynamic production environments.

# WHY CHOOSE THE GOLDCO ROBOTIC BULK DEPALLETIZER

Designed for operations facing increasing SKU variation and line complexity, the robotic bulk depalletizer enables a single system to manage multiple product types and production flows without extensive changeover. Unlike conventional depalletizers, it replaces rigid mechanical handling with flexible automation that supports evolving production requirements.

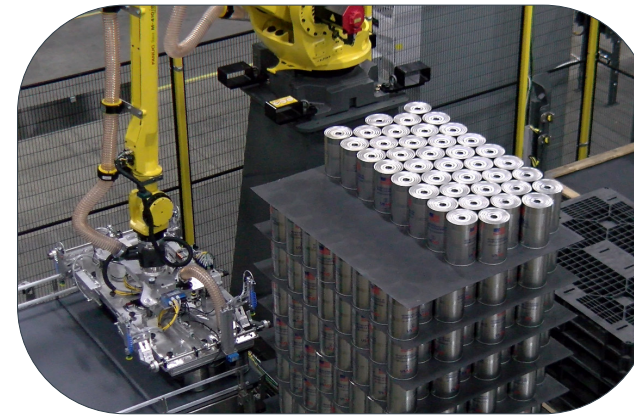
## Features

- Flexible system layout supports integration into varying plant configurations
- Accurate product placement ensures consistent flow into downstream operations
- Gentle handling protects product quality across different container types
- Adaptable operation supports frequent product and format changes
- Simultaneous handling of varying product sizes increases line efficiency
- Eliminates limitations of conventional systems requiring dedicated changeovers
- Reduces need for multiple depalletizers through flexible system design
- Multiple dunnage handling options support complete pallet breakdown
- Integrated safety and monitoring systems support reliable operation
- Lower maintenance requirements compared to traditional depalletizers

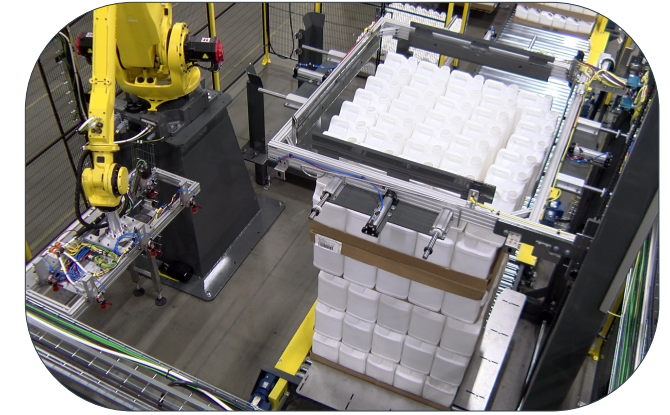
## Sequence of Operation

Once a load is received, integrated sensing technology determines pallet position to ensure accurate depalletizing from the first layer. The robot removes layer pads and top frames, placing them into designated dunnage handling locations before continuing the depalletizing cycle through to the final layer.

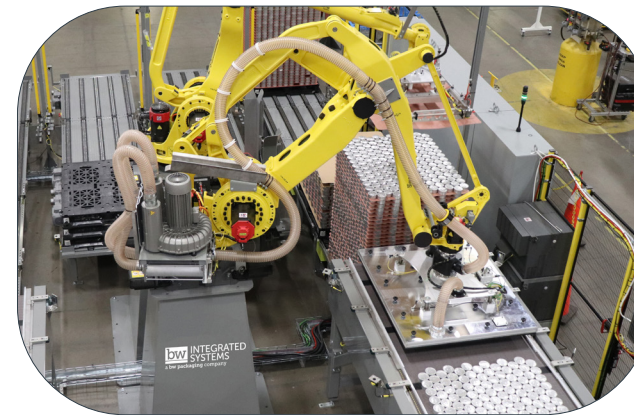
Following depalletization, the system automatically handles empty pallet removal and stacking, ensuring continuous flow and minimizing manual intervention. Optional pallet handling configurations allow integration with conventional pallet magazines where required.



Steel Cans



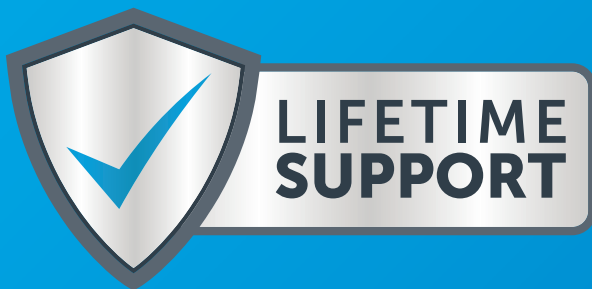
F-Style PET Jugs



Pet Food Cans

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