



GOLDCO
by **bw** packaging

END-OF-LINE

DEPALLETIZING



ROBOTIC BULK DEPALLETIZER

Video 

Video 

Video 

Goldco's state-of-the-art Robotic Bulk Depalletizers are specifically designed to efficiently handle a wide range of product sizes from numerous incoming product lines, seamlessly delivering them to many distribution lines. With the flexibility of different end-of-arm tooling options, our depalletizers are capable of effortlessly depalletizing both empty and filled cans (aluminum or steel), plastic containers, as well as cases.

Goldco Robotic Bulk Depalletizer

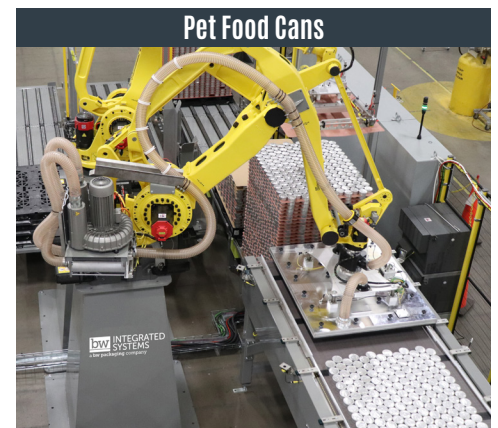
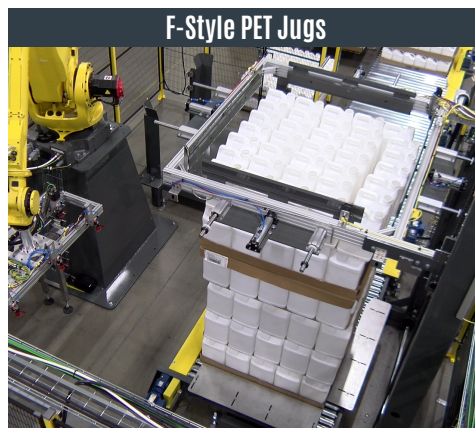
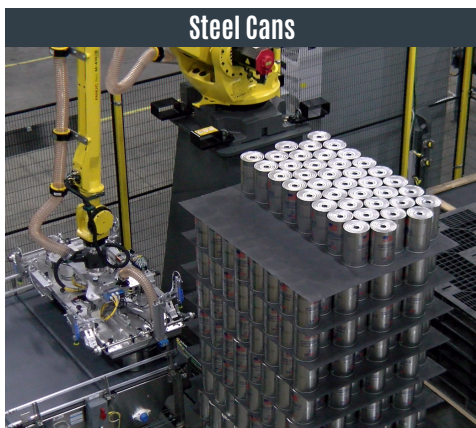
SEQUENCE OF OPERATION

Once a new load is received, an ultrasonic sensor integrated into the robot's end-of-arm tooling detects the precise position of the load. This sensor allows for accurate assessment, starting from a full load. Subsequently, the robot removes the top layer pad and, if applicable, the top frame, carefully placing both components onto a designated dunnage stack. The depalletization process continues until the final layer is successfully removed.

After the load has been depalletized, the robot takes the empty pallet and positions it onto the waiting dunnage stack. To ensure optimal pallet management, the robot employs proximity sensors that detect when the empty pallet is safely placed within the stack. Additionally, for added convenience, the pallets may also be stacked using a conventional pallet magazine if desired.

FEATURES

- Flexible footprint design for flexibility
- Accurate package placement for optimal efficiency
- Gentle product handling to protect your products
- Highly adaptable to product changes in your operation
- Simultaneously handles varying product sizes with ease
- Using a single depalletizer, other traditional designs are not capable of handling multiple product lines without extensive changeover
- Eliminates the need for multiple conventional depalletizers, due to its high-flexibility
- Multiple options for dunnage handling
- State-of-the-industry safety and monitoring systems package
- Lower maintenance requirements when compared to conventional depalletizers



Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Robotic Bulk Depalletizers can benefit your company.