

ROBOTIC BULK PALLETISER

Video 

Video 

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Goldco's innovative Robotic Bulk Palletisers are revolutionising the industry's perception of traditional high-level, fixed automation. By bringing everything down to floor-level, we have paved the way for a new era of efficiency. With the use of versatile end-of-arm tooling, our systems have the incredible capability to handle an extensive range of speciality, general purpose, and food containers that are produced on your very own production line.

SEQUENCE OF OPERATION

The robotic bulk palletiser efficiently handles the task at hand. It begins by picking up a layer pad, then an empty pallet while placing the layer pad carefully on top of the pallet as it picks the pallet up. With precision, the robot carries the empty pallet and positions it on the load building conveyor, ensuring the pallet is squared on the conveyor. The robot then picks another layer pad and proceeds to pick up the first layer of products. Each layer is placed on the pallet and squared to the load. This process continues until the load is complete. Once the final layer is squared, the squaring mechanism is raised, and the load is discharged.

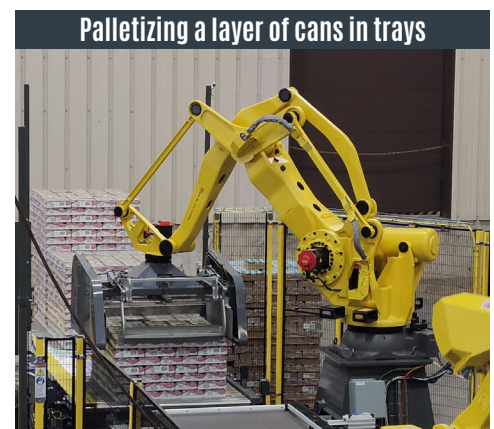
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FEATURES

- Flexible palletising cell - resulting in reliable can size changeovers
- Stationary load building - pallet does not lower for each layer eliminating disruption to previously palletised layers
- Cost-effective alternative over conventional "high-level" palletisers
- Our can infeed locations offer flexibility, allowing you to have them at floor level for easy access and visibility to palletising functions, or raised to accommodate foot traffic under the can line

AVAILABLE OPTIONS

- Capable of accommodating multiple pallet sizes
- Filled steel can capability
- Separate handling for pallets, layer pads, and top frames for higher output lines
- Indexing layer centring assembly for straight square pallet loads - holds existing layer while next layer is placed on layer pad



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