



Robotic Bulk Palletizer



Features

- Flexible palletizing cell - quick, reliable can size changeover
- Stationary load building - pallet does not lower for each layer eliminating disruption to previously palletized layers
- Cost effective method over traditional "high level" palletizers
- Flexible can infeed locations - floor level, allowing for access and visibility to palletizing functions from the floor, or raised to allow foot traffic under can line
- Indexing layer centering assembly for straight square pallet loads - holds existing layer while next layer is placed on layer pad

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Break from the traditional high-level fixed automation. Meet the next generation of empty container palletizing - BW Container Systems' Robotic Bulk Palletizer. Depending on the end-of-arm tooling utilized, the system is capable of handling virtually any type of specialty, general purpose or food containers made on your production line.

During operation, the robot picks up a layer pad then picks up an empty pallet, placing the layer pad on top as it picks it up. The robot carries the empty pallet and places it on the load building conveyor. The pallet is then squared on the conveyor. The robot then picks up a layer pad and proceeds to pick up its first layer of product. The layer is placed on the pallet by the robot and the layer is squared to the load. This process continues until the load is complete. Once the load is complete and the last layer is squared, the squaring mechanism is raised and the load is discharged.

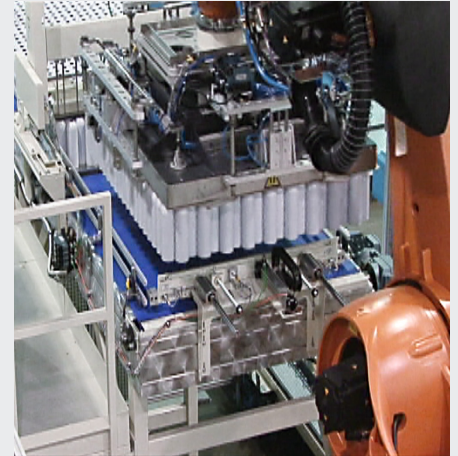
Safety and maintenance are of utmost importance to BW Container Systems. At the heart of the Robotic Bulk Palletizer is BW Container Systems' simple and intuitive controls package - creating a system that is easy to use and understand. The system also features a category 3 safety circuit as well as see-through fencing, allowing visibility to the entire palletizing area. Through the use of robotics, the system has decreased spare parts requirements as well as fewer maintenance areas.

Options available on the Robotic Bulk Palletizer consist of multiple pallet size capability, filled steel can capability, glass bottle handling package, separate handling for pallets, layer pads and top frames for higher output lines.

Specifications:

- Output Speed - 3 layers/minute, 211 aerosol - 1000 cpm, 307 steel - 600 cpm
- Power Consumption - 14.0 Kw/hr
- Compressed Air Requirement - 80 PSI (5.5 Bar = 5.62 Kg/cm²)
- Air Consumption - 1.5 CFM (2.5m³/hr)
- Pallet Size - 44" x 56"
- Container Size - 202 - 610 diameter

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



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