

HIGH LEVEL BULK DEPALLETIZER

FROM CONCEPT TO COMPLETION

The Sentry Bulk Depalletizer is designed to receive bulk loads of empty glass, PET or aluminum containers on wooden or plastic pallets, and transfer each layer (one at a time) onto an accumulating take-away conveyor for transportation to the production area.



CUSTOMIZABLE



MAXIMIZES VERSATILITY



MAXIMIZES PRODUCTIVITY



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WWW.SENTRYEQUIPMENT.COM

OPTIONS & FEATURES

FEATURES

- Three full Pallet Infeed Staging Zones
- Automatic Pallet Stacking
- Dunnage Removal
- Allen-Bradley PanelView Plus color touchscreen
- Two Onboard prewired NEMA 12 control panels
- Heavy duty construction
- Adjustable for multiple product heights
- Wireless Modem for Remote Access

OPTIONS

- Custom Platform
- Tier Sheet Transfer Conveyor
- Partial Load Pick-Off
- Automatic Change-Over for second pallet size
- Programmable Controller Upgrade
- Dunnage Sortation



Custom Engineered



Factory Acceptance Test



Start-Up Assistance



USER FRIENDLY

Operator Interface Stations are located at several locations on the Depalletizer. The Main Control Console (MCC) is located along the accumulation bed and includes an Allen-Bradley PanelView Plus color touchscreen which provides both manual controls and machine diagnostics information. Other stations are located at the pallet infeed and pallet stacker areas which allow the operator to manually operate those portions of the machine. Sentry Depalletizers are equipped with a wireless modem for remote access.

TOUGH

The Hoist frame is constructed from heavy-duty formed steel with cross bracing. Elevator platform is supported on all four corners by pre-stretched #80 roller chain. The hoist platform is raised and lowered by a 4000lb capacity servo drive. Hoist Conveyor Sideframes are constructed from heavy gauge sheet metal and support 3 #80 pitch roller chains. The full pallet conveyor Sideframes are also constructed from heavy gauge sheet metal and support 3 #80 pitch roller chains.



QUALITY ASSURED

Sentry's product line is manufactured with only the highest quality components and materials. All components are designed, assembled and tested in Sentry's own facilities in order to provide the unequaled quality of its machines.



YOUR SAFETY IS OUR TOP PRIORITY

Sentry has made the end user's safety our highest priority in both the design and features of all of our equipment. In addition to the safety features listed below, our Bulk Depalletizers are built with various safety guards throughout the machine to keep personnel at a safe distance from moving parts that otherwise could cause injury.



EMERGENCY STOPS

Each machine is equipped with several emergency stop pushbuttons. These will stop the machine quickly in the event of an emergency. When pressed, compressed air is released from all of the pneumatic components in the system.



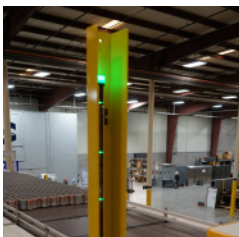
WARNING LABELS & STACK LIGHTS

Warning labels are attached to the machine where needed as a reminder of the safety precautions required. Additionally, stack lights give visual warnings of the machine's current operation status.



ACCESS DOOR SWITCHES

Door Switches activate when the connection of the switch is disconnected by opening the door. When activated, the machine is signaled to shut off the electrical supply and pneumatics to the machine.



LIGHT CURTAINS

Photoelectric presence-sensing devices prevent the operator from reaching into an operating machine. If the light curtain is broken, the Safety Relays will remove control power and emergency stop the machine.



THE SENTRY DIFFERENCE

The key to a successful project begins with planning. Sentry's sales and engineering team guarantees successful projects through site and application planning, continual evaluation of the projects and a special service department that insures the long term performance of all Sentry Equipment.

All Sentry design projects are developed with sophisticated CAD systems. Using the latest software, tried and proven ideas are included in all designs to provide reliable and efficient operation.

At Sentry, we are determined to achieve the best possible result at the conclusion of each project. We hold ourselves to a high standard of performance and longevity of the equipment we produce. Every new project is an opportunity to outperform the expectations of our customers.



UNMATCHED SERVICE



LATEST TECHNOLOGY



HIGHEST QUALITY

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HONEST AMERICAN QUALITY