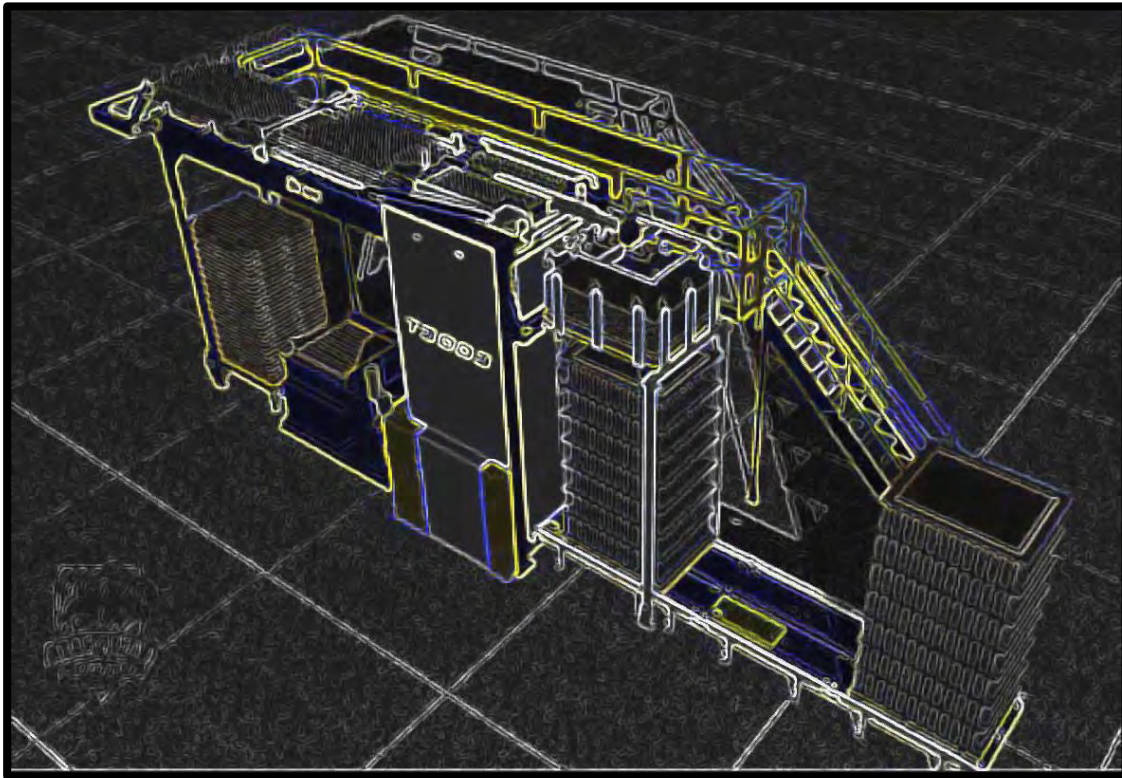


TURBO- HIGH LEVEL BULK DEPALLETZER



Busse/SJI, the leader in container handling technology for over 60 years, proudly presents the Turbo Series High Level Bulk Depalletizer. The Turbo is a revolutionary high speed high level depalletizer for unloading empty glass, plastic and metal containers. From its sleek design to its state-of-the-art operating system, the Turbo Series Depalletizer offers swift, quiet and efficient performance.

Thanks to its modular design, the Turbo Series High Level Bulk Depalletizer can be customized to meet your current needs, and can be easily expanded to meet your future needs as well. Built for long term durability, the Turbo Series Depalletizer features rugged welded construction and uses the finest components throughout the machine.

The pallet conveyor system has been designed for smooth transfer and load staging. It all starts with the solid welded frame construction combined with triple strand chain guided by UHMW track. The standard conveyor control utilizes frequency control drives for smooth acceleration and deceleration of your loads. It also has reversing capability to remove any unwanted loads.

The heavy-duty hoist utilizes a four point chain lift. Each chain has its own dynamic chain tensioning drive guaranteeing smooth lifting of the load.

Once the load has been lifted and is in place the high performance sweep delivers the goods. The Turbos Series sweep carriage is supported in each corner by a unique linear bearing to offer smooth operation.

The Turbo Series frequency controlled variable speed drive ensures smooth acceleration and deceleration during sweep layer transfer, keeping the containers together as they enter the accumulation bed.

The accumulation bed features a modular formed channel construction for strength and rigidity that allows for easy installation and future expansion. The standard low friction plastic belt is supported by a steel slider bed.

TURBO- HIGH LEVEL BULK DEPALLETIZER



| Features | Models | | | | | |
|--|--------|-------|-------|-------|-------|-------|
| | T3003 | T3004 | T4003 | T4004 | T5003 | T5004 |
| Semi-Automatic Sweep Functions | • | • | • | • | • | • |
| Automatic Sweep Function | S | S | S | S | S | S |
| Manual Sheet Removal | • | • | • | • | • | • |
| Automatic Single-Stage Sheet Removal | S | • | S | • | S | • |
| Automatic Dual-Stage Sheet Removal | O | S | O | S | O | S |
| Manual Top Frame Removal | • | • | • | • | • | • |
| Automatic Single-Stage Top Frame Removal | S | • | S | • | S | • |
| Automatic Dual-Stage Top Frame Removal | O | S | O | S | O | S |
| Semi-Automatic Pallet Change Cycle | • | • | • | • | • | • |
| Automatic Pallet Change Cycle | S | S | S | S | S | S |
| Bottom Pallet Ejection | S | S | S | S | S | S |
| Bottom Pallet Ejection - High Speed | • | • | O | O | O | O |
| Monochrome Touch Screen Operator Interface | S | S | S | S | S | S |
| Color Touch Screen Operator Interface | O | O | O | O | O | O |
| Control Voltage - 24 VDC | S | S | S | S | S | S |
| Control Voltage - 110 VAC | O | O | O | O | O | O |
| Additional Dunnage Capacity and Collation | • | O | • | O | • | O |
| Pallet Conveying | O | O | O | O | O | O |
| Container Single Filing | O | O | O | O | O | O |
| Container Conveying | O | O | O | O | O | O |

S=Standard O=Optional •=Not Available

TURBO- HIGH LEVEL BULK DEPALLETIZER



| Containers | Models | | | | | |
|---------------------|--------|-------|-------|-------|-------|-------|
| | T3003 | T3004 | T4003 | T4004 | T5003 | T5004 |
| Glass Round | S | S | • | • | • | • |
| Glass Non-Round | O | O | • | • | • | • |
| Metal Round | • | • | S | S | • | • |
| Metal Non-Round | • | • | O | O | • | • |
| Plastic Round | • | • | • | • | S | S |
| Plastic Non Round | • | • | • | • | O | O |
| Composite Round | • | • | • | • | S | S |
| Composite Non-Round | • | • | • | • | O | O |

S=Standard O=Optional •=Not Available

| Standard Parameters | |
|--------------------------------|-------------------------------|
| Machine Speed, Sweeps/Minute | Up to 10 |
| Maximum Load Height | 110" (2790 mm) |
| Maximum Load Weight | Up to 4000 lbs (1810 kg) |
| Standard Pallet Size | 44" x 56" (1120 mm x 1420 mm) |
| OPTIONAL - Pallet Width Range | 40" - 50" (1000 mm - 1143 mm) |
| OPTIONAL - Pallet Length Range | 40" - 56" (1220 mm - 1420 mm) |
| Standard TOC | 12" (306 mm) |
| Minimum Pallet Conveyor TOC | 12" (306 mm) |
| Standard Tin Line (TL) | 156" (3952 mm) |
| Minimum Tin Line (TL) | 144" (3656 mm) |
| Electrical Power | 460V / 3 Phase / 60Hz |
| Control Voltage | 24 VDC |
| Compressed Air Volume | 15 cfm (7 l/min) |
| Compressed Air Pressure | 80 psi (550 kPa) |
| Compressed Air Inlet | 1/2" NPT |