

# W-SERIES DEPALLETZER



The W-Series Depalletizer offers companies looking to automate or upgrade their depalletizing process an affordable, flexible way to put Busse/SJI quality and performance to work on their packaging lines.



**QUALITY**—Companies that are adding or upgrading automatic depalletizing have discovered that Busse/SJI W-Series Depalletizers offer a very cost effective way to put quality, high performing, reliable equipment on their production lines. Busse/SJI uses name-brand, heavy-duty components, rugged structural materials and advanced manufacturing techniques just like those found in all of Busse/SJI's custom manufactured equipment.

**FLEXIBLE**— Busse/SJI W-Series depalletizers are available in a wide range of configurations, including in-line and reverse flow, automatic or manual operation, and wide way or narrow-way pallet travel. Machines are available for handling glass, plastic, metal and composite containers. The W-Series can also be set up to run both round and non-round containers.

**MODULAR**—The design of the W-Series features standard modules that can be combined in many different ways. This results in hundreds of combinations to satisfy almost any layout or production requirement. The modular design of the W-Series also means that you can upgrade your equipment as production needs evolve - maximizing your equipment investment.

**RELIABLE**—The Busse/SJI W-Series is built to operate 24/7/365. In fact, Busse/SJI is so confident about the reliability and performance of this equipment that a performance guarantee is included in every machine pro-posal.

**PROVEN**—The W-Series Depalletizer is the result of more than 50 years of experience developing depalletizing solutions.

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## FEATURES AND BENEFITS

- **Modular Design:** The W-Series Depalletizer offers several levels of automation for entry level to moderate throughput requirements. The W-Series can be configured to fit into a wide range of layouts. The pre-engineered modules allow Busse/SJI to include high-end features for customers with entry level to mid-range production requirements.
- **Rugged, Heavy-Duty Design:** The W-Series features robust, heavy-duty construction to ensure high uptime and long machine life. Name-brand components are used for maximum uptime and reliability.
- **Flexibility:** A full compliment of accessories and optional upgrades are available to allow users to customize the machine to their specific layout and operational needs.
- **Easy Installation:** Modules are shipped completely assembled for quick, simple installation on site.
- **Low Maintenance:** The W-Series incorporates a number of design features that reduce maintenance and ensure maximum uptime. In short, the W-Series provides companies with a way to reduce their total operating costs.

## SPECIFICATIONS

	Standard Specifications	Available Options
<b>Container Flow</b>	Inline Flow (Z-Path)	Reverse Flow (C-Path)
<b>Pallet Orientation</b>	Narrow Edge Leading	Wide Edge Leading
<b>Pallet Conveyor</b>	3-Strand Chain Full Pallet Conveyor with Steel Plates Between Chains	Chain Driven Live Roller (CDLR)
<b>Accumulation Bed</b>	10'-0" with End Transfer and Deadplate	Additional Bed Length in Increments of 5'-0", Parallel Transfer Discharge, Metering Belts, Nosebar Transfers and Row Stripping Devices
<b>Pallet Hoist</b>	Enclosed, 4-point Suspension Design. Indexing Bin Walls for Load Squaring, VFD Controlled	Hoist Doors for Full Load Containment
<b>Layer Sweep</b>	Manually Initiated	Fully-Automatic Operation, Sweep Pause Cycle to Allow Removal of Strapping Material from Load in Hoist
<b>Layer Containment</b>	Single Side Bar with Fixed Side Guides	Front Side Layer Containment, 4-Sided Compression
<b>Dunnage Removal</b>	Manual	Automatic Sheet Removal, Automatic Top Frame Removal, Automatic Separation of Dunnage to Separate Storage Bins.
<b>Empty Pallet Handling</b>	Gravity Roller Conveyor with End Stop	Automatic Pallet Stacking, with Optional Flow Through Design to Stage Multiple Pallet Stacks
<b>Operator Interfaces</b>	Allen-Bradley PV300 at Main Operator Station, Pushbutton Control Station for Pallet Handling Equipment	Various Touchscreen HMI Interfaces
<b>Controls</b>	Allen Bradley, MicroLogix 1500 PLC, PowerFlex Series VFD Modules, Allen Bradley and Banner Photoeyes	Other PLC and VFD Models, Components/Field Devices from Other Manufacturers.
<b>Safety Devices</b>	Light Curtain in Sweep and Dunnage Removal Area. Hoist Entry Screens with Photoeye Protection, Hard Guards as Required	Hoist Entry Safety Mats in Place of Photoeye Protection
<b>Electrical Cabinet</b>	Machine Mounted	
<b>Contact Arrow Conveyor for Special Configurations and Custom Options</b>		