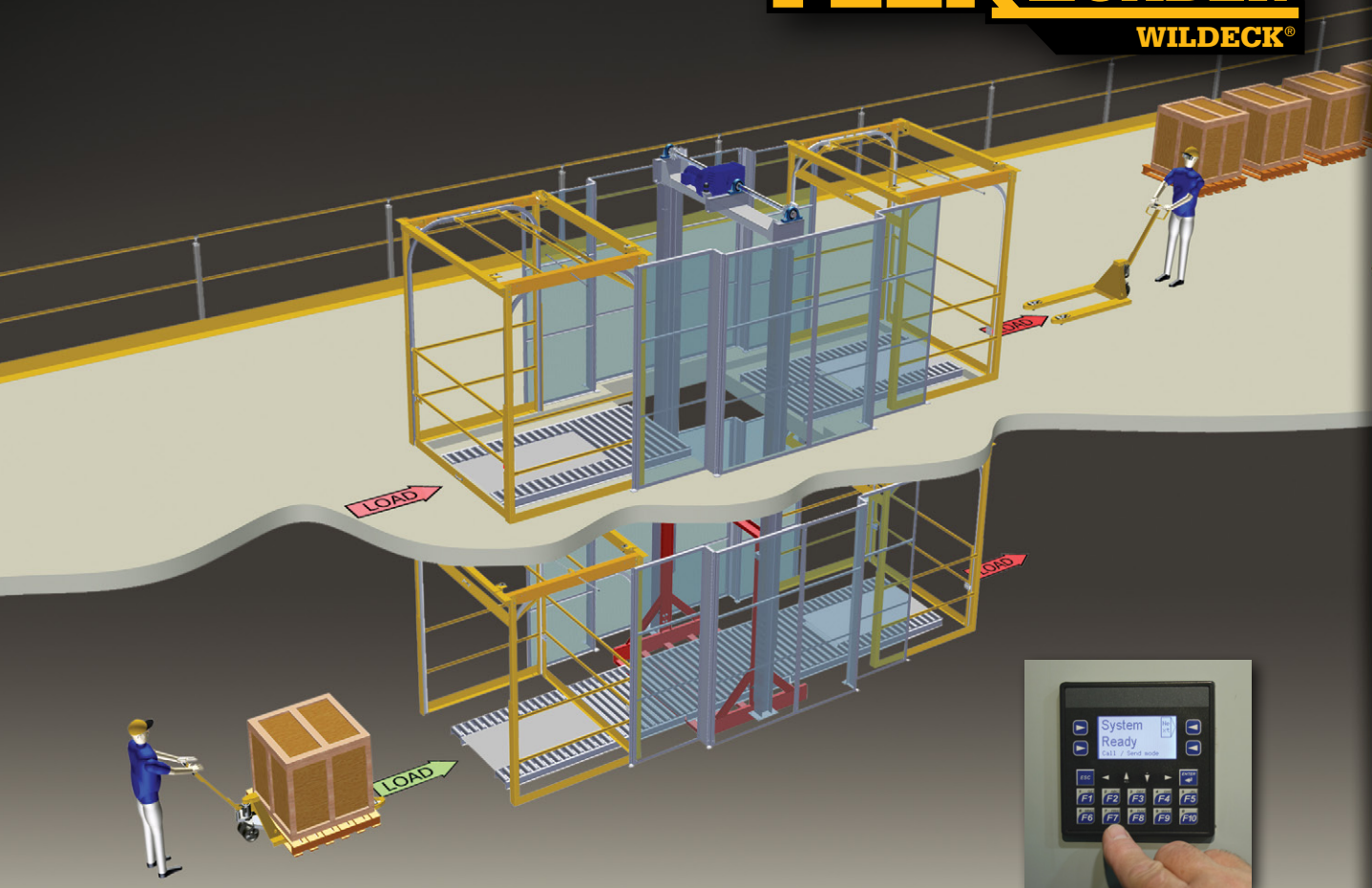




ELEVATE  
YOUR  
STANDARDS®

**FLEX LOADER™**  
WILDECK®



### **FlexLoader™ Automated/Integrated VRC System**

*A complete system solution for automated material handling, providing more . . .*

- ▶ **CAPACITY** – Improved utilization of your existing facility space.
- ▶ **EFFICIENCY** – Increase operational efficiency. High throughput with less effort.
- ▶ **SAFETY** – Protecting workers and resources.

Flex your material lifting capabilities with the new FlexLoader™ Automated/Integrated VRC System from Wildeck, the leading manufacturer of safer, more reliable vertical lifts. The FlexLoader™ VRC (Vertical Reciprocating Conveyor) system utilizes automated flush-mounted conveyors with either a 2-Post or 4-Post VRC, and Wildeck Overhead Safety Gates at each level. This innovative design transforms a basic vertical lift into a safer, more efficient and more automated material lifting system that seamlessly connects all levels of your facility to make better use of the available space.

Offering unbounded potential applications, the FlexLoader™ VRC system has been designed as a stand-alone turnkey system. It can also be integrated into larger more complex material handling and storage systems or fully customized to meet your specific application requirements. Get increased safety, efficiency and automated conveyance of palletized materials with a FlexLoader™ VRC system. Contact a Wildeck representative, or call 1-800-325-6939, to discuss your application today. It's a level of quality and craftsmanship you won't find anywhere else.

LIFTING

FLEXLOADER™

# GENERAL SPECIFICATIONS

**FEATURES AND BENEFITS:** Wildeck's innovative FlexLoader™ material conveyor system is designed to meet the ANSI/ASME B20.1 Safety Standard for Conveyors and incorporates a Wildeck® VRC with Wildeck® Safety Gates, and automated horizontal loading and off-loading conveyors at each level to:

- ▶ Improve the utilization of your existing overhead cubic space
- ▶ Increase material handling efficiency
- ▶ Maintain a safe working environment for personnel
- ▶ Eliminate elevator department inspections
- ▶ Maintain code compliance in all 50 states

## **FLEXLOADER™ SEQUENCE OF OPERATION**

1. Overhead Safety Gate, which guards the open shaft-way, is raised by the operator to allow palletted material to be loaded onto the specialized roller conveyor
2. Material is loaded onto the flush-mounted conveyor section with a pallet jack or fork truck
3. Safety Gate is manually closed to prevent personnel from entering the lift platform area
4. Load is automatically loaded onto the Wildeck® VRC carriage and delivered to the designated level
5. Safety Gate is manually opened at the receiving level to off-load the pallet
6. Sequence is repeated at any level, in either "C", "Z", "H", or "90-degree" Loading Patterns

Automated operation is assured and there is no waiting for the lift to be available. Simply leave your material on an infeed lane and the FlexLoader™ system will not only know that it is waiting, but will automatically deliver it to the designated destination level.

## **FLEXLOADER™ INTEGRATED CONVEYOR:**

- ▶ Can be supplied by the customer (with Wildeck factory mounting), or...
- ▶ Can be supplied by Wildeck as a turnkey system
- ▶ Flush mounted conveyor at each floor level makes for easy material loading and off-loading with a standard pallet jack

## **STANDARD CONTROL PACKAGE INCLUDES:**

- ▶ Wildeck's patented AutoSenz® "D-Series" overload detection system (U.S. Patent No. 7,408,317), with full diagnostics and programmable VRC service reminder
- ▶ Emergency Stop buttons at each load point
- ▶ Full maintenance jog controls for horizontal and vertical movement (on the main control panel)
- ▶ Destination selector buttons at the infeed on multi-level systems

## **LIGHTS AND/OR ALARMS AVAILABLE TO SIGNAL:**

- ▶ System is in "Auto Mode"
- ▶ System is in "Manual Mode"
- ▶ System status
- ▶ Errors or faults

## **SEPARATE "INBOUND" AND "OUTBOUND" LANES CAN BE SET UP AT EACH ELEVATION TO PROVIDE:**

- ▶ "C", "Z", "H", or "90-degree" Loading Patterns

## **ALL COMPONENTS OF THE SYSTEM (VRC, SAFETY GATES AND PERIMETER GUARDING):**

- ▶ Are designed for Heavy Automation Duty
- ▶ Utilize state-of-the-art, but cost effective controls and devices
- ▶ Are designed with safety in mind

## **PAINT FINISH:**

The VRC carriage and conveyor framing are painted standard Wildeck Gray (ANSI 49 Gray) and the Overhead Safety Gates are painted OSHA Safety Yellow. A computer-controlled 7-step process electrostatically applies a tough 2-part polyurethane coating. Purchased components are painted as per the vendors' standard product.

## **DRAWINGS, MANUALS, INSTALLATION:**

Standard approval drawings are provided after receipt of purchase order and prior to manufacture. Installation drawings, as well as an Installation, Owners & Maintenance Manual, will be provided. Contact Wildeck or your local Wildeck representative for certified installation service.

## **APPLICATIONS:**

- |                               |                                |                                    |
|-------------------------------|--------------------------------|------------------------------------|
| ▶ <b>Distribution Centers</b> | ▶ <b>Manufacturing</b>         | ▶ <b>Printing &amp; Converting</b> |
| ▶ <b>3rd Party Logistics</b>  | ▶ <b>Work in Process (WIP)</b> | ▶ <b>Airports</b>                  |
| ▶ <b>Warehouses</b>           | ▶ <b>Assembly</b>              | ▶ <b>Government Facilities</b>     |
|                               | ▶ <b>Packaging</b>             | ▶ <b>Military Facilities</b>       |



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P.O. Box 89 • 405 Commerce Street  
Waukesha, WI USA 53186  
262-549-4000 • 800-325-6939  
FAX 262-549-3466 • info@wildeck.com  
[www.wildeck.com](http://www.wildeck.com)