



# FLD2500-SW

## Floor Level Palletizer

The FLD2500-SW represents a significant advancement in Columbia's lineup of highly flexible and compact palletizing solutions. The innovative turntable-style stretch wrapper allows for concurrent "stack and wrap" load building, achieving rates previously unattainable in the industry. Featuring a dual hoist design combined with an electric overhead row pusher, the FLD2500-SW significantly reduces its footprint—by 40%—compared to other floor-level palletizers with similar throughput capacities. The incorporation of servo technology enables numerically controlled movement and positioning for both hoists, resulting in faster and more accurate machine operations. This enhances overall throughput and simplifies setup and programming. The FLD2500-SW is versatile, capable of palletizing and stretch wrapping a wide variety of package types, including unwrapped trays, high center of gravity (CG) cases, and film-only bundles.

## Features

- » Comprehensive Guard Package
- » Category 3 Safety Electrical System
- » Interlocked Access Doors to Load Build Area
- » Full Height Light Curtains at Discharge
- » Automatic Hoist Protection Pins
- » Product Manager for Pattern Creation and Tuning
- » Heavy Duty Sensor Mounts
- » 4-Sided Pallet Stack Retention
- » Stack Light / Beacon
- » Smart Squeeze Technology for Misformed Layer Detection
- » Low Pallet Detection
- » Low Sheet Detection
- » Heavy Duty Construction
- » 80 Pitch Hoist Chain
- » Infeed Tunnel Guard
- » UL Approved or CSA Certified Control Panel
- » Ethernet Enabled PLC with Distributed I/O
- » Online parts ordering at [www.palletizing.com](http://www.palletizing.com)
- » 24-Hour parts and service hotline 1.800.628.4065

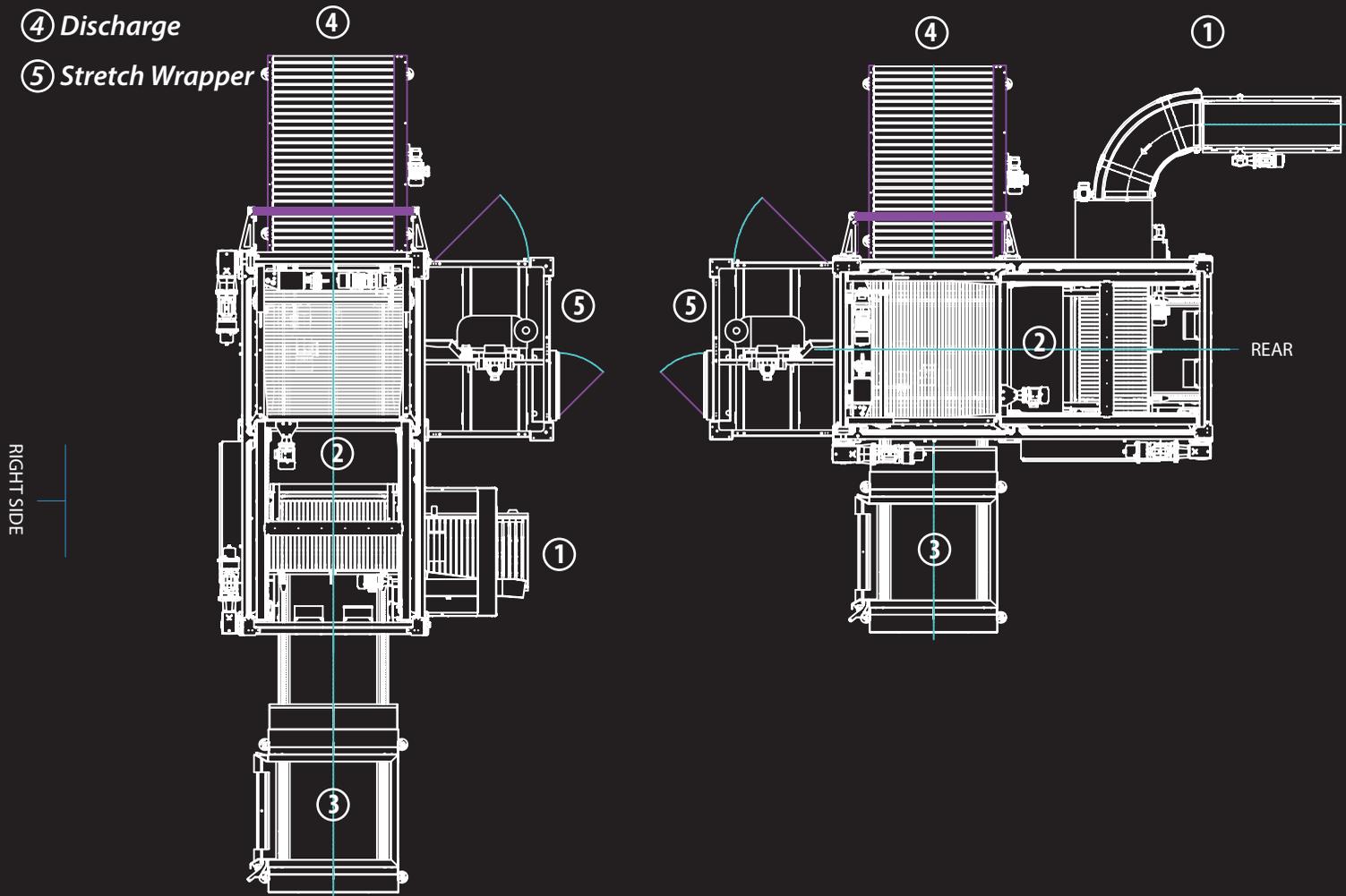


## Want to See More?

To view a video of the FLD2500-SW in operation and for more information on Columbia's complete line of palletizers, please visit [www.palletizing.com](http://www.palletizing.com) or call toll-free at 1.800.628.4065 / direct at 1.360.694.1501.

# COMMON PALLETIZER LAYOUTS

- ① Infeed
- ② Palletizer
- ③ Pallet Dispenser
- ④ Discharge
- ⑤ Stretch Wrapper



## OPTIONS

- » Integrated Stretch Wrapper
- » Labels-out stacking
- » Speed enhancement upgrades
- » FDA accepted stainless steel paint
- » Upstream and downstream conveyor and interfacing
- » Discharge conveyor
- » Slip / Tie / Cap sheet dispenser
- » Unitizing
- » Turnkey system integration
- » Soft product handling