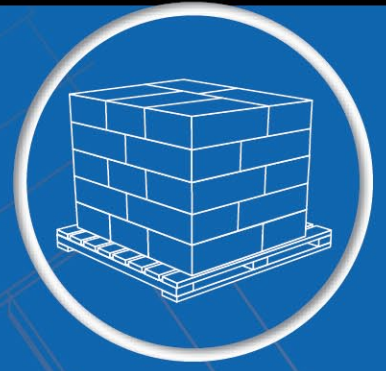


Columbia®



Floor Level

High Level

In-Line

Robotic

TOTAL PALLETIZING SOLUTIONS



COLUMBIA PROVIDES THE MOST COMPLETE LINE OF PALLETIZING SOLUTIONS

With over 70 years of experience, Columbia Machine, Inc has developed a reputation as the world's premier palletizer manufacturer. A family owned company with a total commitment to customers, employees and a long-term financial perspective, Columbia Machine is positioned to be your long term palletizing partner.

To efficiently and consistently exceed your expectations; Columbia offers the most complete line of high-level, floor-level and robotic palletizers and systems integration available. With superior construction, maximum flexibility, upgradeable design and speeds over 150 cpm, Columbia is sure to have the palletizing solution to exceed your expectations.

Floor Level Palletizers

| | |
|--------|---------|
| FL1000 | 10+ CPM |
| FL2000 | 20+ CPM |
| FL3000 | 30+ CPM |

cases per minute



High Level Palletizers

| | |
|--------|---------|
| HL2000 | 20+ CPM |
| SP4000 | 40+ CPM |
| HL6000 | 60+ CPM |

cases per minute



PALLETERS

EASY TO OPERATE CONTROLS

The latest in controls technology is now included with all Columbia palletizers; making Columbia's complete line of palletizing solutions even Easier-to-Operate. This package includes an Allen Bradley Compact Logix PLC, PanelView Plus 600 Color Touch Screen HMI and Columbia's Product Manager Software. Product Manager provides incredible flexibility for current and future palletizing needs allowing operators to easily add or adjust product patterns, modify machine function adjustments, view built-in production reports and much more! All without the need of connecting the PLC to a computer.

flexible
layout configurations

Limited on space?
Replacing existing equipment?
Working around building obstacles?
No problem.
Columbia offers a choice of high level, floor level and robotic palletizers with countless layout possibilities. You can easily fit a Columbia palletizer into your work flow, your floor layout and handle your specific product mix.

High Level In-Line Palletizers

HL7000 **70+ CPM**

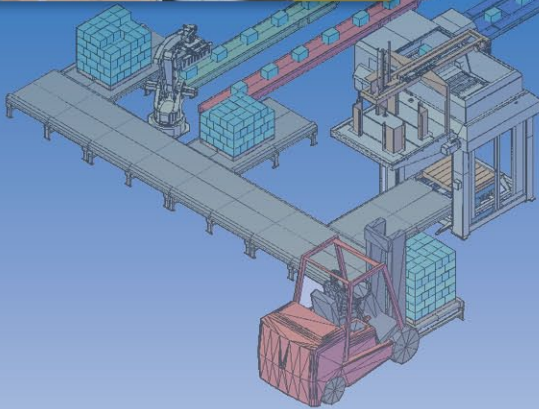
HL8000 **150+ CPM**

cases per minute



ADVANCED SYSTEMS INTEGRATION

Turnkey solutions from Columbia Machine, Inc. and Columbia/Okura LLC. ensure maximum efficiency, smooth integration of all new equipment and reliable interface with your existing components. Selecting a single source integrator simplifies processes, reducing your costs and time involved and allows your internal staff to focus on keeping your plant up and running at peak performance.



Robotic Palletizers

| | |
|-------|---------|
| A700 | 9+ CPM |
| A1600 | 18+ CPM |
| A1800 | 20+ CPM |

cases per minute



ENHANCED STANDARD SAFETY PACKAGE

Standard safety package included with all Columbia Machine palletizers provides the highest level of operator protection, protection they deserve. This standard safety package includes Category 3 electrical safety components, dual circuit safety interlocked door switches, light curtains in the discharge area, upper level (for high level machines) and case infeed guarding.

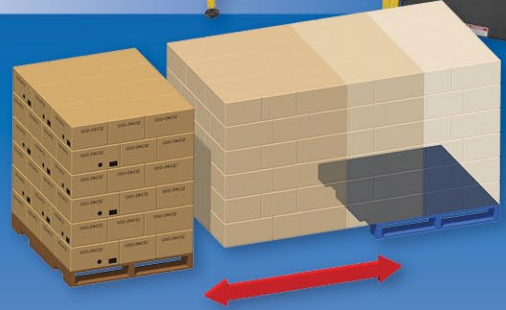
A
SERIES

LOAD TRANSFER SOLUTIONS

- Ideal for both receiving and shipping applications
- Transfer palletized loads from one type of pallet to another pallet or slip sheet
- Available as a stand-alone unit or as a fully automatic unit integrated into a larger system



palletizer speed chart



ROBOTIC

20
CPM

FLOOR
LEVEL

45
CPM

HIGH
LEVEL

150
CPM

cases per minute

* All speeds are pattern and product dependant
** 'Multi-Picking' product will increase palletizing rates

COLUMBIA CUSTOMER CARE

The Columbia Customer Care department offers a complete network of service support that is unsurpassed in the industry. All of Columbia's service technicians are factory trained Columbia employees (not contractors) and are ready to support you for the installation, start-up or retrofit of your Columbia Machine equipment. Columbia's PMMI certified trainers are equipped to provide on machine training, class room sessions and even factory based training in Spanish and or English. Whether your needs involve a new installation, equipment audits, updates to your preventative maintenance program, modification of existing Columbia palletizers, or on-going support with palletizer parts and service, Columbia Customer Care is here to keep your plant running at peak performance 24-hours a day, 7 days a week.