

Ai700

ROBOTIC PALLETIZER

The Ai700 robotic palletizer offers maximum dependability in a minimal space. Completely automate your product palletizing requirements. Lift the burden from your valuable employees. Eliminate the repetitive motion and back injuries that come with manual palletizing. Columbia robotic palletizers are compact and cost effective. With the ability to manage one to four production lines concurrently, and stack onto one to six pallets, the possible system layouts are practical endless. The Ai700 palletizes 10 cases per minute or more, depending on case size and pallet pattern.

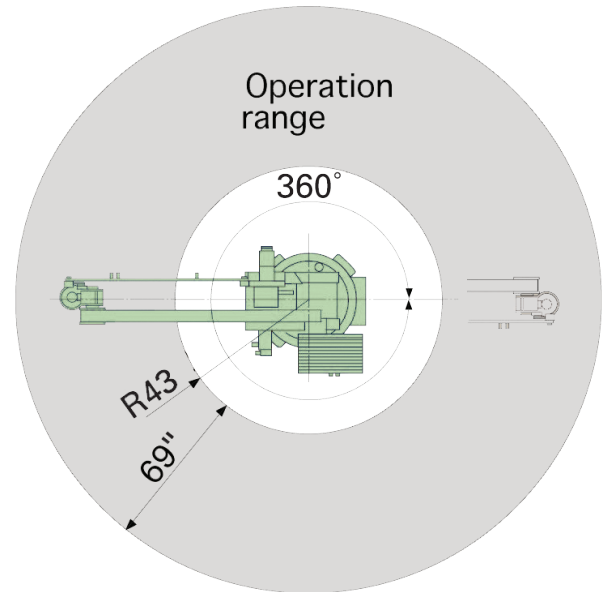
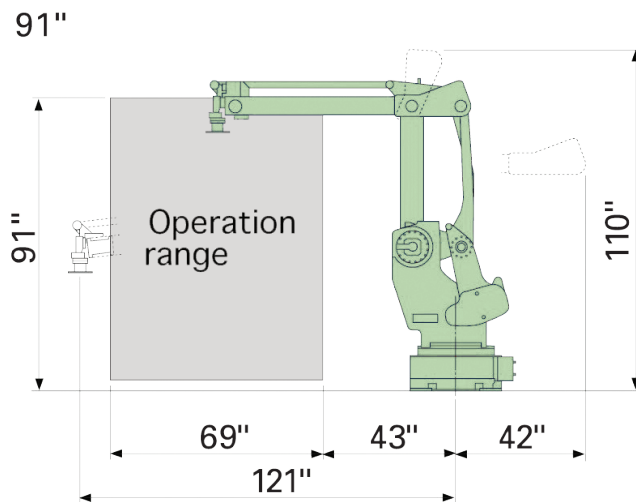


FEATURES

- 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
- Smart Squeeze Technology for Misformed Layer Detection
- Load capacity 140 Kgs with end effectors
- Low Pallet Detection
- Low Sheet Detection
- Heavy Duty Construction
- 80 Pitch Hoist Chain
- Infeed Tunnel Guard
- 4-Sided Pallet Stack Retention
- Ethernet Enabled PLC with Distributed I/O
- Stack Light/Beacon

To view a video of the Ai700 in operation and for more information on Columbia's complete line of palletizers, please visit www.palletizers.co.in or call us at +91 722 893 1741.

Ai700 OPERATION RANGE



OPTIONS

- Remote Control Interface
- Labels-out stacking
- Speed enhancement upgrades
- Upstream and downstream conveyor and interfacing
- Integrated stretch wrapper
- Discharge conveyor
- Slip/Tie/Cap sheet dispenser
- Unitizing
- Soft product handling



Model Ai700

END EFFECTORS

Columbia has designed a wide range of standard end effectors to handle virtually any product, including cases, bags, trays, totes, bales, bundles, crates, pails, pallets and sheets. Our parts warehouse carries service parts for immediate support on all these standard designs. The end effectors shown here are some of the most common types utilized.



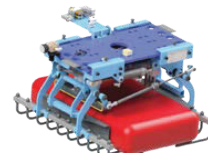
PAIL STYLE
Pails



CLAMP STYLE
Cases, trays, bundles, etc.



FORK STYLE
Cases, trays, bundles, etc.



BAG STYLE
Bags



VACUUM STYLE
Cases, bundles, bags, spotpacks, etc.



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