Semi-Automated 4-Axis, Case Palletizer

Kinesys Automation introduces its 4-axis servo driven palletizer with pallet-patterning software!

In keeping with its core values to develop the most compact, versatile, flexible and modular line of palletizers, Kinesys Automation introduces a fully automated palletizing line featuring a mechanical case pick-up head.

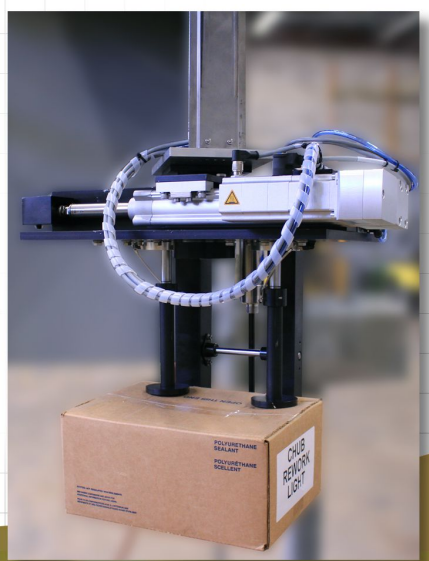
This palletizer is a gantry style, Cartesian robotic system that employs two high-resolution servo motors for xy location with a servo-pneumatic lift cylinder for the z-axis, or three high-resolution servo motors for all three axes. A fourth rotational axis on the pick-up head is available in servo or pneumatic, depending on the application.

Including a pallet dispenser and pallet conveyors, the system is available as fully automated with empty pallets entering from one side, while completed pallets exit from another side.

Available in 4 different styles, the system can accommodate more than 180 permutations of possible layouts.

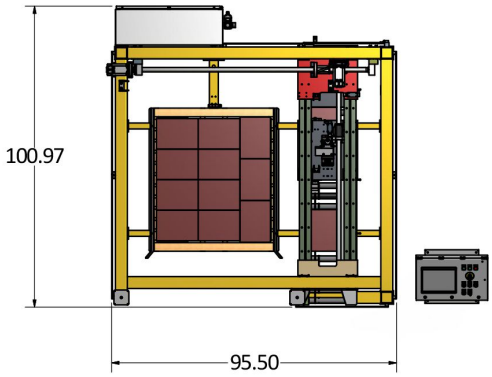
Traditionally, pallet patterns are are hard coded during commissioning. However, with our newly developed software, customers have full control of the pallet patterns. They can create unique, custom patterns and store them in recipies within the HMI.

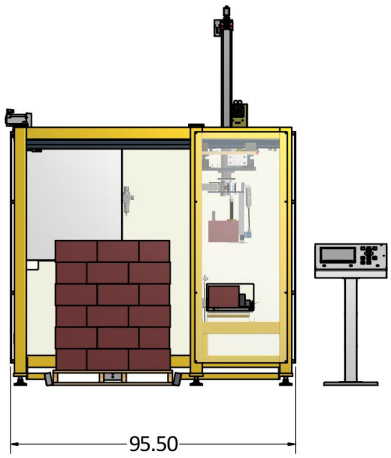
This system features a uniquely designed servo driven, or pneumatic, mechanical gripper style case pick-up head. In the event of power loss or an emergency stop, the pick-up head maintains firm control of the case thus preventing insatnces of dropped product.

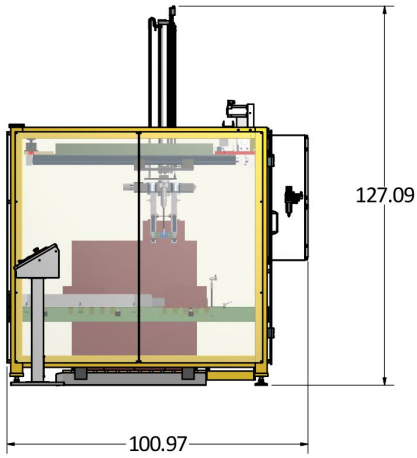


Common options:

- Fully automatic or semi automatic.
- High throughput or low throughput.
- 4-axis, 3-axis or 2-axis servo motion.
- Available as a explosion proof.







When having difficulties in your assembly or manufacturing process, contact Kinesys Automation for more information about a field proven solution.

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