



FAQs



ABOUT CAJA'S SYSTEM

Q: Will AHS support maintenance of the system?

A: Yes

Q: Is the Caja solution scalable?

A: Yes

Q: Does Caja have space for an internal sprinkler system?

A: Yes, racking can be customized to include fire suppression

Q: Does Caja offer a leasing model for additional robots during peak season?

A: We are currently working on rolling out a leasing model to offer to customers

Q: What is the advantage of having a Caja system?

A: It is a flexible, modular, and scalable solution that adapts to your existing warehouse, utilizing existing shelving, floors, and boxes

Q: Why are there two robots used in the Caja solution?

A: This allows for a robot to be specialized for specific tasks, which brings down the cost per robot and allows a more granular solution

Q: How does the Caja system handle seasonal peaks?

A: The Caja system can easily adapt to the increased workloads or operating hours through the change of additional work aisles or hours





ABOUT THE CAJA ROBOTS

Q: Are there multiple size bins available?

A: Yes. A rack can be customized to accommodate a variety of bin depths and heights

Q: What is the carrying capacity of the robots?

A: 66 lbs

Q: Can I add additional robots?

A: Yes

Q: What is the max height reachable on shelves ?

A: The lift robot's max reach is 13.4 ft

Q: How fast can the robots travel?

A: Cart Robot: 4.4 mph | Lift Robot: 3.3 mph

Q: What is the battery type on the Caja robots?

A: Lithium-Ion with hot-swap capabilities

Q: How long does the battery last per charge?

A: Cart Robot: 8 Hours | Lift Robot: 4 Hours

Q: What dimensions of box can the robots handle?

A: Box size: (L x W) 24in x 16in
Box Height: 4in to 50in

Q: What is the difference between the lift robot and cart robot?

A: A lift robot is used for storage optimization and replenishment—a cart robot is used for picking and fast transportation of boxes

ABOUT THE CAJA ROBOTS

Q: What is the weight of the robots?

A: Cart Robot: 121.2 lbs | Lift Robot: 661.3 lbs

Q: What is the storage height of the rack?

A: 10 ft

Q: How is picking performed?

A: Picking happens at synchronous or asynchronous stations, depending on the demand

Q: What is the difference between the synchronous and asynchronous pick stations?

A: Synchronous pick stations present a single bin, whereas an asynchronous station can hold multiple bins with fast-moving, highly-needed SKU for multiple picks

See the Caja system in action!

Want to learn more and possibly see the Caja system in person? Contact our experts at AHS, LLC to schedule a private and safe on-site visit at our facility in Erlanger, KY, or do it virtually, taking advantage of our HD cameras.

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