

OPEX[®]

The Smartest Robot in Warehouse Automation



Why iBOT[®] Technology?

OPEX's[®] iBOT solution is a multi-directional, intelligent, wireless robotic vehicle effectively transporting inventory to and from picking and sorting locations. This proven technology lies at the heart of OPEX warehouse automation solutions. iBOT technology is the foundation for the Perfect Pick[®], Perfect Pick[®] HD, and Sure Sort[™] systems. iBOT robots navigate along an integrated track system, retrieving, storing, and sorting inventory items quickly and accurately to or from an array of order and storage locations. This technology is the fastest and easiest way to begin to automate your customer fulfillment and distribution center needs.

Features

Multi-Directional

iBOT robotic vehicles are bi-directional, moving both horizontally and vertically, giving them access to 100% of the storage or sort locations in their aisle.

Self-charging

iBOT robots recharge as they travel throughout the racking structure. The overall energy consumption of one Perfect Pick iBOT robot is 175W which is equivalent to the energy needed to operate two gaming systems.

Wireless

iBOT wireless robots use 2.4GHz for communication and travel throughout the racking structures of each system. They operate as an autonomous vehicle receiving activity instructions from the host software.

Condensed size

Perfect Pick iBOT delivery vehicles can carry totes up to 80lbs to a pick station. Sure Sort[™] iBOTs carry small items or parcels up to 5lbs.

Advantages

Sustainable

Self-charging, iBOT robots navigate along a track system integrated inside the storage rack, capturing regenerated energy.

Intelligent

iBOT robotic vehicles self-identify when an upcoming service may be necessary and are easily removed from the system.

Efficient

Deliver inventory directly to a workstation, storage location or sort location with iBOT robots that provide industry-leading throughput.

Scalable

Add robots instead of human labor to scale and adjust quickly to meet order fulfillment expectations and changing business cycles.

iBOT® Robotic Vehicles Solve for Your Toughest Challenges

Our iBOT solution is a multi-directional, intelligent, wireless vehicle effectively transporting inventory to and from picking and sorting locations.

eCommerce Fulfillment

iBOT warehouse technology is the fastest and easiest way to handle unpredictable changes in business demands. The power of the iBOT robot is why Perfect Pick® is so well suited to small-footprint, high-volume, e-commerce order fulfillment. Our solutions help process orders through to shipment in as little as 15 minutes.

Micro-Fulfillment

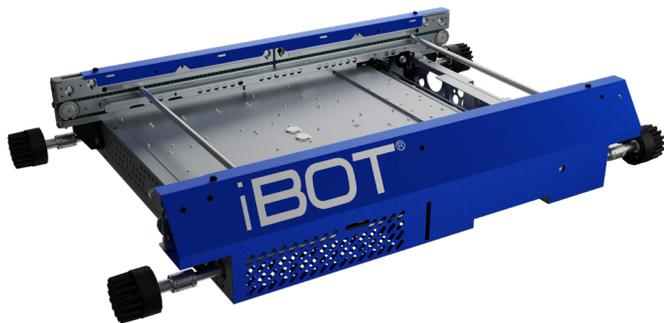
Customer proximity, throughput, responsiveness, and space utilization are critical ... Expand your business by getting closer to your target markets with iBOT robots that intelligently control the fulfillment process, optimize spaces less than 5,000 square feet, and help execute flawless last-mile delivery.

Reverse Logistics

Improve your reverse logistics process and stop losing revenue with warehouse technology that can handle returns with ease and speed. Using Sure Sort™ high-speed sorting system, iBOT robots sort like items into designated locations quickly and with less labor for fast return or restocking.

Meet the iBOT

Scale for fluctuations in your business and improve performance without adding labor or space.



Perfect Pick iBOT robotic vehicle

iBOT robots reduce the need for humans to travel throughout the warehouse. Instead each iBOT robotic vehicle carries payloads up to 80lbs directly to an operator.



Sure Sort iBOT robotic vehicle

Delivering small items and parcels up to 5 lbs to sort locations at industry leading throughput rates, the Sure Sort iBOT robot is small but powerful.

Have questions?

Contact us.

 warehouseautomation.com

 info@opex.com

OPEX®