Intelligent Enterprise Robotics for Grocery

Get goods to shoppers faster — with lower operational costs.

50% increased fulfillment throughput.

40–70% decreased operational costs associated with picking.

3X the number of SKUs handled compared to other robotic picking solutions.

Industry Challenges

- Fulfill more orders for home delivery, in-store, and curbside pickup.

- Decrease reliance on traditional technology that requires labor.

- Scale rapidly to meet demand spikes in stores and in new and existing facilities.

- Increase throughput to enable BOPIS, curbside pickup, and home delivery services.

Berkshire Grey Robotic Automation Solutions for Grocery Fulfillment

Berkshire Grey's AI-powered systems enable Grocery businesses to:

- Increase fulfillment throughput by up to 50%.

- Robotically assemble break pack orders without worker intervention.

- Enable new back-of-store fulfillment processes.

- Convert goods-to-person stations into goods-to-robots stations.

- Integrate picking and mobility to enable multiple grocery fulfillment options.

Learn more at **berkshiregrey.com/grocery**

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CAPABILITY	BENEFITS
Smart Store Replenishment	
Intelligent robotic product sortation systems: • Automate picking of high-volume single-SKU totes and sort them into outbound orders. • Enhance manual picking with automated sorting of single-SKU, eaches, inner packs, and less-than-case quantities into specified containers for shipping to store and customers..	• Increase operational efficiency and capacity. • Prevent stockouts and avoid overstocking. • Decrease operational costs associated with picking by 40% to 70%. • Gain throughput with more shifts and less labor. • Increase product availability. • Increase order accuracy with automated picking.
Online Shopping / eCommerce Fulfillment	
Direct-to-consumer order picking and fulfillment: • Pick and place individual items into eCommerce packages and outbound containers. • Deploy large scale robotic product sortation systems to simultaneously pick and sort grocery items to multiple outbound customer orders. • Simplify the temporary storage of orders prior to customer pickup and increase efficiency by batch picking.	• Reduce store order manual picking cost. • Improve throughput by increasing hours. • Handle a wide variety of SKUs and packaging. • Accelerate speed of delivery. • Reduce labor costs. • Decrease front-of-store associate picking.
Goods-to-Person to Goods-to-Robot Conversion	
Robotic system for picking, placing, and packing: • Convert manual pick stations into automated robotic pick stations. • Autonomously pick items from Automated Storage and Retrieval Systems (ASRS) and other goods-to-person solutions.	• Reduce and replace manual labor. • Handle 3X the number of SKUs versus other robotic picking solutions. • Increase utilization of technology investments. • Reduce manual picking errors.
Mobile Robotic Fulfillment	
High-throughput fulfillment approach that combines robotic picking and mobility: • Enable new grocery fulfillment processes by turning any floor into a dynamic sortation system with minimal disruption.	• Increase throughput capacity. • Boost delivery and restock efficiency. • Decrease labor costs. • Install in weeks rather than months.

About Berkshire Grey

Berkshire Grey automates complex supply chain processes and optimizes fulfillment operations, accelerating business growth through AI-enabled robotic automation. Our modular and customizable solutions can be leveraged across eCommerce fulfillment, store replenishment, retail, grocery and convenience, 3PL, and package handling and logistics.

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