



Intelligent Enterprise Robotics for Retail

Accelerate omnichannel fulfillment with Berkshire Grey robotic automation.

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



Grow facility capacity with reduced labor and no disruption to existing warehouse flow.



Remove bottlenecks between picking, sorting, and packing.



Handle challenging SKUs — from a wide range of categories including health and beauty, toys, packaged foods, apparel, housewares, and more.



Optimize existing labor and lessen dependence on changing headcount for varying spikes in demand.



Deliver unmatched robotic picking performance from day one – with no SKU data required to get started.



Meet consumer expectations for same-day, next-day, and overnight delivery options.

CUSTOMER STORY

Fortune 100 retailer increases capacity by 50%

A large retailer struggled to find workers to keep up with demand for its growing store replenishment operations. The goal was to boost efficiency and throughput in an aging facility and lessen the impact from industry-wide labor shortages.

BG RSPS enabled them to:

- ✓ **Achieve \$34M labor cost savings** over the expected life of the system with a ~3-year payback projection.
- ✓ **Reduce FTE by 26** and eliminate crowding by allowing one operator to independently support up to 52 order locations per system.
- ✓ **Sort all “less than case quantity” volume** in the building, including some SKUs that were not eligible for processing via the existing sorter.

Berkshire Grey Solutions for Retail

Robotic (Shuttle) Product Sortation (RSPS / RPS)



Automated break pack store replenishment in half the footprint of traditional sorters.

- ✓ Choose from robotic and manual induction options compatible with ~100% of SKUs.
- ✓ Reduce break pack picking cost between 40% and 70%.
- ✓ Sort directly to store containers, increase container utilization by 10% over manual packing.

Robotic Shuttle Put Wall (RSPW)



Fast and reliable automated sortation for eCommerce order consolidation and returns processing.

- ✓ Increase batch size up to 288 orders, reduce upstream picking labor by 40%.
- ✓ Advanced software dynamically adjusts sort locations and integrates with ASRS, reducing labor and improving fulfillment efficiency, even during peak times.
- ✓ Complete order handling with ~100% SKU compatibility.

Robotic Package Sortation with Identification (RPSi)



Automated small parcel sortation and consolidation for zone skipping and lower shipping costs.

- ✓ Pre-sort small packages into carrier's plastic or forever bags.
- ✓ Unlock reduced carrier rates and enable zone skipping.
- ✓ Leverage BG HyperScanner® technology to ensure compatibility with polybags and the most complex packages.

Robotic Pick Cell (RPC)



AI-driven robotic piece picking and packing for eCommerce orders.

- ✓ Bypass manual packing with automated pack planning, oriented placement, box closure, and ship label placement.
- ✓ Handle ~100% of orders seamlessly with BG SpectrumGripper® technology providing best SKU coverage in the industry.
- ✓ Integrate with any ASRS system, or pick directly from AutoStore ports.

Why Berkshire Grey?

BG's cutting-edge, AI-enabled robotic technology is built and managed by a world-class team to operate reliably in the toughest warehouse environments. We deliver immediate, performance-driven results backed by successful deployments across the globe. Berkshire Grey's automation solutions are available via CapEx or RaaS pricing models.