

Burlington: Increase Labor Efficiency for Store Replenishment by up to 4X with Advanced Automation

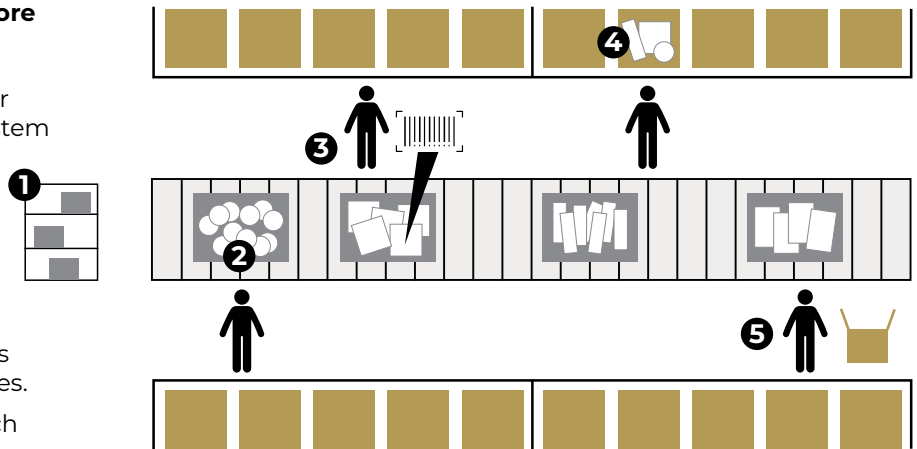


In-store retail shopping remains strong, and that means brick-and-mortar locations must keep shelves stocked with products customers want.

Traditional Store Replenishment or Store Allocation Fulfillment Process

Typically, to process break pack orders for store replenishment and allocation:

- 1 Inventory is stored in containers on racks or in an Automated Storage and Retrieval System (ASRS) and moved to the pick module.
- 2 Multiple workers select items from inventory containers to fulfill orders.
- 3 Workers scan items from the totes to determine their destination.
- 4 Workers add the assigned number of items into corresponding boxes destined for stores.
- 5 As order boxes complete, workers prep each one and move them to shipping.



Traditional replenishment and allocation challenges include:

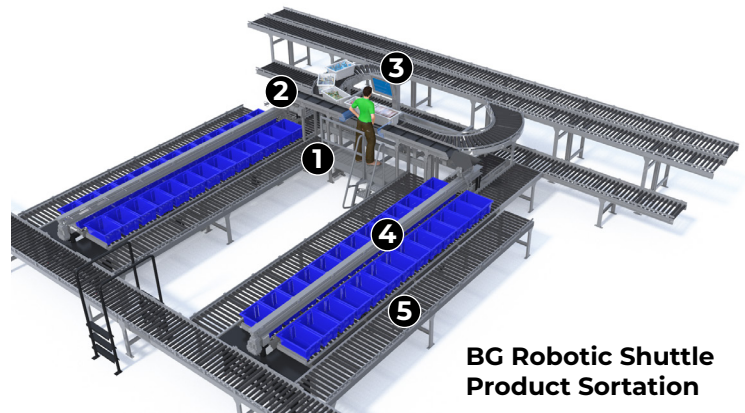
- Manual process is labor-intensive even with traditional automation like conveyors.
- Multiple workers are required, often crowded together to process orders.
- Physical and time-consuming process for workers.
- Workers struggle to handle significant increase in order volume resulting in bottlenecks.

Learn how to Increase order fulfillment by up to 4X without adding labor.

Berkshire Grey's Robotic Shuttle Product Sortation (BG RSPS) solution can increase piece pick order fulfillment by up to 4X with no additional labor, improve shipment capacity by up to 10%, and handle nearly 100% of typical SKU assortments.

- 1 A single operator positions him/herself in the ergonomic workstation at the center of the BG RSPS system.
- 2 Inventory totes arrive at the operator workstation.
- 3 The intuitive user interface directs the operator to place any number of units to one of two induction points, improving order accuracy and product quality.
- 4 Goods are transferred onto one of two robotic linear sortation slides, which deposits them into outbound containers, totes, or boxes.
- 5 When full, containers are automatically moved to a central finishing station and on to shipping.

With BG RSPS, 1 operator produces the equivalent throughput of 4.



BG Robotic Shuttle Product Sortation

ADDITIONAL BENEFITS OF ROBOTIC AUTOMATION:

- Handles **nearly 100%** of typical SKU assortments.
- Operates **standalone or integrated** with material handling systems like ASRS.
- Installs Into **existing** operations with a small footprint of less than 2,500 sq ft.
- Supports **configurable** order container sizes and batches.



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Learn more about BG RSPS »