PRIME robotics

Pick and Pack Stations

Custom Workstations for Pallets, Shelves, or Hybrid

Integrated Warehouse Automation

Prime Robotics is a premier provider of end-to-end automation solutions tailored for distribution centers and warehouses.

Prime's suite of robot and execution software solutions transform fragmented workflows, empowering clients to unlock operational productivity and efficiency.

Committed to revolutionizing warehouse, supply chain, and factory operations, Prime strives to elevate businesses through best-in-class automation solutions and services.

Prime Robotics offers a variety of automated workstations for unique warehouse needs. From pick stations to decanting and packing, our custom software and hardware streamlines the fulfillment process. Prime's workstations integrate with AMRs and software to achieve the fastest pick rates. Each station is equipped with innovative features to increase order fulfillment and throughput.

Prime's suite of pick and pack stations are customizable for any warehouse operation:

- Facilitate manual picking or automation picking with robotic arm
- Support pallet, shelf, or hybrid operations
- Achieve 400-900 picks per hour
- Accelerate single-SKU or multi-SKU picking



Integration

Highly customizable and user-friendly, Prime's execution software provides an intelligent yet simple and scalable solution. Our robots and software seamlessly integrate with any Warehouse Management System (WMS), Enterprise Resource Planning (ERP), Programmable Logic Controller (PLC), or operations management software—making our solutions easy to use and adaptable to unique needs.

Safety

To guarantee a safe working environment, our AMRs are equipped with advanced safety and obstacle avoidance features, including LiDAR, bumpers, and emergency stop buttons. These features enable our robots to operate safely and efficiently, minimizing the risk of accidents and ensuring safety of human workers.

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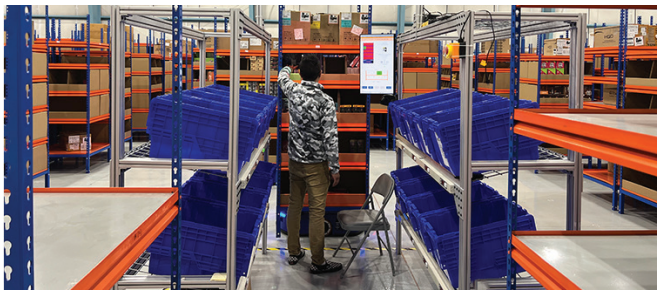
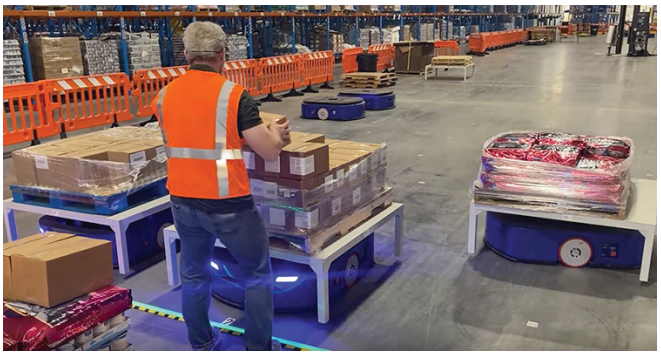


Piece Pick Stations

Our piece pick stations facilitate high-speed picking, manage multiple orders simultaneously, and accommodate inbound, outbound, and cycle count operations. Features include pick- and put-to-light functionality, touchscreen monitors, and customizable shelving and totes.



Advanced Pallet Station (APS)

APS accelerates picking from single-SKU pallets to build multi-SKU pallets. The solution automates the delivery and takeaway of pallets to and from the pick station, handles up to three simultaneous orders, and eliminates pick errors with projector or LED indicators. APS delivers 400+ manual picks per hour and up to 900 picks per hour with a robotic arm. Users interact with the system via voice commands or touchscreen interface.



Advanced Hybrid Station (AHS)

AHS delivers 350+ picks and casing sorts per hour, manages multiple types of product induction (pallet, floor loaded, shelf, cases, interpacks, or eaches), and integrates with pallet and shelf-moving robots. Features include pick- and put-to-light functionality, pallet and picking bump bars, touchscreen monitors, and custom shelving and totes. Users interact with the system via voice commands or touchscreen interface.



Pack Station

Prime's pack station organizes totes, cartons, or bins for staging; segments shelves by clients and orders; and prepares orders for shipping. The solution recycles totes for future induction operations and integrates with a range of shipping carriers.



Staging or Delivery Station

Our staging/delivery station uses smart organization capabilities to stage pallets or totes and maximize efficiency on delivery routes. The solution supports tote recycling for future induction and integration with pallet wrapping to accelerate order fulfillment.