

Chuck AMR Doubles Manual Pick Rates

The [Chuck AMR](#), by Ocado Intelligent Automation, is an autonomous mobile robot (AMR) that increases warehouse throughput and reduces cost per unit shipped. Using advanced fulfillment algorithms and real-time warehouse and inventory data, Chuck works collaboratively with associates to expedite picking, putaway, sorting, and return tasks.

“Warehouse managers have discovered multiple ways to enhance associates’ efficiency by equipping them with Chuck AMRs. Customers often see pick rates double overnight as the Chuck solution intelligently groups similar orders, optimizes pick paths and minimizes travel times between picks through strategic handoffs,” said Jeff Larson, Director of Solutions Design for Ocado Mobile Robot System at OIA.

Chuck is deployed in over 100 warehouses worldwide by third-party logistics, retail, e-commerce, distribution, and healthcare companies.

Better User Experience, Faster Task Completion

Chuck leverages machine learning and intelligent work assignments to help warehouse associates complete tasks faster. The system paces associates through their work more efficiently and accurately, minimizing walking and enabling them to focus on key activities. Utilizing vision and sensor systems, Chuck is aware of its surroundings and can move swiftly around boxes and racks and slows down when it detects people in the area.

Exceptional Configuration Flexibility

The industry’s most configurable autonomous mobile robot, Chuck, can be used on all types of warehouse floors, including rack-supported mezzanines. Featuring large, modular, and multilevel workspaces, Chuck:

- Offers numerous configurations to accommodate a wide range of picking needs
- Can hold up to 6 shelves
- Handles up to 200 pounds
- Includes storage canopy for accessories and trash



The unrivaled accessory line allows associates to be more productive with a cart, count more efficiently and accurately in the aisle, and improve their pick rates. Accessory options include but are not limited to:

- Anti-slip mats
- Bag, label, & tape holder
- Configurable shelves
- External USB port
- Flag mount
- Hand scanner mount
- Ladder mount kit
- Mobile printer adapter
- Plexiglass front panel
- Oversized item shelf
- Tote riser
- Workspace tray

Maximize Uptime with Quick Installation and Long Battery Life

Chuck stays connected to cloud-based servers that integrate with customers' existing warehouse management systems. With no new infrastructure required for installation or operation and minimal training, Chuck deploys quickly and easily, enabling warehouses to quickly improve associate efficiency and productivity with a solution that:

- Goes live in 14 weeks.
- Operates 24/7, powered by the latest battery technology.
- Works two shifts on a single battery charge and offers rapid recharging.
- Pays back within 6 to 12 months.

Intuitive Application Supports Accurate Picking

Chuck includes a mobile fulfillment application built on a proprietary cloud-based Fulfillment Execution System (FES) to facilitate more efficient picking times while improving wall-to-wall accuracy, productivity and service level agreement (SLA) times.

- The system displays stock-keeping unit (SKU) information and photos to quickly identify the correct items and address order wave processing issues.
- Built-in put-to-light system ensures the picked product is placed into the right destination container by illuminating the correct bin on Chuck AMR.
- Language translation available in a wide range of languages to help accelerate training, improve productivity and reduce errors.

Chuck is Conformité Européenne (CE) compliant and has received Underwriter Laboratories (UL), International Organization for Standardization (ISO) 3691-4 and Canadian Standards Association (CSA) certifications. Chuck AMR is a component of the [Ocado Mobile Robot System](#) (OMRS), an advanced fulfillment software for intelligent workflow orchestration.

Visit <https://ocadointelligentautomation.com/systems/chuck-amr> for more product information.

About Ocado Intelligent Automation

Ocado Intelligent Automation (OIA) is a division of Ocado Group, a U.K.-based technology company publicly traded on the London Stock Exchange (OCDO). Ocado Intelligent Automation was created to deliver proprietary, world-class systems and solutions developed and acquired by Ocado to non-grocery business segments looking to transform the supply chain order fulfillment process with a comprehensive technology partner. The company is co-located in San Francisco and Toronto.

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