

Ranger™ Assist

In today's retail world, speed matters. To deliver world-class customer experience, orders need to be processed and delivered on the same or the next day.

Leading retailers are using robotic automation solutions in the form of co-bots to enable faster fulfillment and reduced workplace injury. This introduction to robotic automation offers a non-disruptive implementation process to double efficiency without increasing labor or converting existing infrastructure.

About Ranger™ Assist

Ranger™ Assist is a highly configurable mobile co-bot system that works alongside the human workforce to assist in picking. It delivers assisted picking for multiple operators across the warehouse.

GreyMatter™, the warehouse fulfillment orchestration platform, allows bots to travel along an optimized path to multiple locations and floors to allow right picks & transfers at the right time. Working with humans and other fleets of robots, it significantly increases productivity and reduces workplace injury. It easily integrates into your warehouse without the need for extensive projects or training, minimizing disruption and delivering increased productivity from day one.

Key benefits of Ranger™ Assist:

- **Faster order fulfillment** – 3x item picking
- **Workplace ergonomics** – 70% less walking, no pushing or heavy lifting
- **Meet peak demands** – High-yield fulfillment
- **Zero downtime to implement** – No layout changes, fencing, barcoding required
- **Powered by GreyMatter™**



Ranger™ Assist

One of the Ranger Assist variants is shown in this image

Key Challenges, GreyOrange Solutions, and Exceptional Outcomes

Key Challenges	Our Solutions	Your Gains
Customers expect same-day and next-day delivery as standard	Ranger™ Assist and GreyMatter™ deliver optimized movement of inventory, robots, and people to match the real-time need for speed and prioritization of orders.	Meet and exceed delivery speeds and reduce fulfillment costs per item
Deliver a safe, productive, and constructive ergonomic workplace	A smart working environment with live data and cutting-edge technology, eliminating 50-70% of walking and heavy lifting .	Reduce workplace injuries, attrition, hiring, and training hours for workers
Long lead times and operational disruption need for implementing automation	Ranger™ Assist can be deployed and productive within days , with no layout changes or fencing.	Increase overall efficiency by up to 3x with almost immediate ROI, increased accuracy and speed, and real-time insights
End-to-end inventory visibility , enabling omni channel fulfillment	Our market-leading WES platform , GreyMatter™, constantly analyzes inventory movement across your distribution network, applying your business rules, prioritization and reallocation of work in real-time .	Gain full visibility of your inventory, where it is, where it will be next and how it gets there
Utilize all available floor space across any building	With end-to-end integration, GreyMatter™ independently orchestrates inventory, people, and robots . Its patented VRC multi-floor technology enables robots to travel across floors.	Maximize retail footprint to get closer to customers and leverage underperforming fixed investments
Staying on top of peak season demand	GreyMatter™ orchestrates and optimizes the distribution of co-bot and manual work in real-time. The RaaS and SaaS offerings enable rapid scaling up of robotics.	Consistently maximize fulfillment yield to flatten out costs and gain built-in adaptability

**Assess
your *potential*
ROI in robotics
with this short
QUIZ**



Question 1: Your industry

Question 2: Total area you want to automate

Question 3: Total picking operators

Question 4: Quantity of picks by operators

Potential Savings