Top Questions to Ask When Choosing an AMR

When selecting an autonomous mobile robot (AMR) solution, there are many factors to consider in choosing the right one. Here are some key questions you should ask yourself and the vendors you're evaluating to find the right AMR for your warehouse.

Compatibility

- ☐ What are you putting on the AMR? Think about what will be carried by the robot and if that matches the envelope (dimensions) of the robot and the weight capacity.
- ☐ Can the robot run on your warehouse surface? For example, if you have plywood decking, the AMR needs to be able to drive over that surface.
- ☐ What are the charger power requirements? Consider where the chargers will be located, and if charging management is automatic, which it should be.
- ☐ What temperature is your warehouse? Can the robot handle that temperature? This is important if you have a refrigerator environment.
- ☐ Can the AMR work with and adapt to other use cases that your warehouse might have in the future? For example, Brownfield and Greenfield; Single-Level Discrete Pick; Single-Level Batch Pick; Multi-Level Batch Pick to Downstream Sortation; Multi-Level Discrete Pick-and-Pass; and Omnichannel.

Maneuverability

- ☐ Can the AMRs navigate your building effectively? Consider if there are blockades that don't allow for AMRs to travel around your building.
- ☐ Are your aisle widths large enough to allow two AMRs to pass by each other, or turn around in the aisle? Check the width of your aisles and compare that to the size of the AMRs.
- ☐ Can your warehouse support your entire AMR fleet? Consider areas that might lead to congestion due to workflow.

User Interface

- ☐ Is it visual and simple to use? The AMR should provide the information that's needed by the user to perform their job in an easy and effective manner.
- ☐ What are the training requirements? Consider the amount of time it will take to train the user; if there are multilingual users; and any authentication/login process.

About Locus Robotics

Locus Robotics is the market leader in Autonomous Mobile Robots (AMR) for fulfillment warehouses. Locus is the leading warehouse robotics choice for retailers and third-party logistics (3PL) operators, industrial/automotive, and healthcare companies worldwide looking to meet — and solve — the increasing demands of the booming and dynamic e-commerce and fulfillment market.

For more information visit www.locusrobotics.com