

# RG ROBOTIX

*Custom Warehouse Solutions*

## AUTOMATIC GUIDED FORKLIFTS (AGFS)



Increase Efficiency | Increase Safety | Decrease Cost

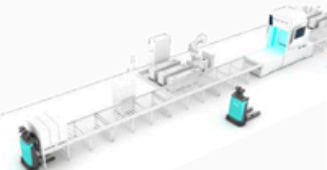
RG Robotix is excited to partner with Multiway Robotics to bring you a comprehensive new array of un-manned unloading solutions. This partnership will allow RG Robotix to offer a variety of AGF's including counterbalanced forklifts, pallet loaders, and much more. These intelligent and un-manned solutions enhance and address low efficiency and safety concerns, high labor costs, complex fleet management, lack of real-time monitoring, and lack of accurate operation data.

## Applications



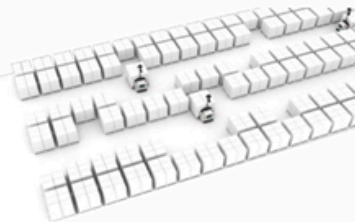
### Truck Loading/Unloading

Compatible with multiple vehicle types (wing body, flatbed, van)



### Docking with Production Line

Efficient automatic transportation and turnover from the warehouse to the buffer area and production line zone.



### Horizontal Handling

Supports flexible transportation for various scenarios, including docking with storage locations and stacker warehouses transferring.



### Intelligent Storage & Picking

Multiple storage methods to meet various storage requirements for high, medium, and low frequencies.



Food



Auto



New Energy



Pharmacy



Machining



Construction  
Material



Printing and  
Packaging



Cold Chain



Home



Chemical



Clothing

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*Eliminating manual unloading will result in:*

- 30% increased efficiency
- 50% labor cost savings
- 10% increase in trailer space utilization

Full Category  
Product Matrix



Unmanned handling



Production line



Cross floor handling



High-bay storage



Park logistics



Intensive Access



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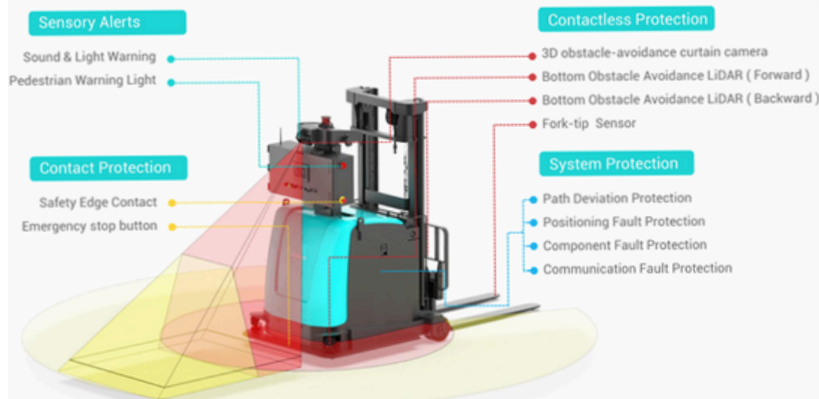
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## A Focus on Safety

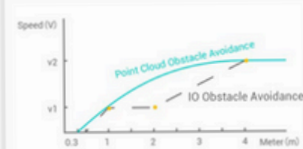
### Robot Safety Protection

Acoustic + Vision + Physical + Environmental 360° Protection.



#### Point Cloud Obstacle Avoidance :

The forward simulation algorithm can measure the distance to obstacles, autonomously plan the moving speed, ensure the vehicle accelerates and decelerates smoothly without sudden changes in speed.



## Awards and Accreditations



Whether you are a 3PL, manufacturer, or materials warehouse, we have the solution to meet your needs. For real world applications and case studies, click here:

[Casehttps://www.mw-r.com/case Studies](https://www.mw-r.com/case%20Studies)