



GreenTrans Mobile Robot

Technical Support by China Motor Corp.



SLAM
Simultaneous localization
and mapping



Intelligent



Flexible



Efficient



Safe



Reliable



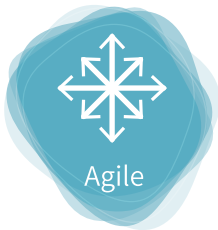
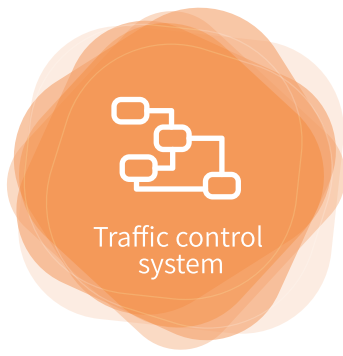
Easy to deploy



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FEATURES

- GreenTrans is able to help design user's turnkey system solution and integration the system with user's control system such as MES.
- Equipped with SLAM technology, the vehicle is able to navigate fully autonomously.
- The vehicle is supplied directly with power from Li-ion batteries.
- The GreenTrans MR is able to move omni-directionally; it is able to move back and forth, sideways and diagonally.

Factory nowadays requires not only efficiency and stability but also flexibility and mobility. The GreenTrans Mobile Robot is an intelligent vehicle with self-navigating ability designed for rapid changing environments in factories and warehouses for material handling. Unlike conventional AGV, GreenTrans Mobile Robot applies the latest SLAM technology for navigation, and it is able to work without inductive magnets and wires, triangulation reflectors and optical guidance, offering true flexibility in facility layout planning and saving facility modification costs.

GreenTrans Corporation is specialized in the development of mobile robot applications in logistics field. A wholly owned subsidiary company of China Motor Corporation, one of Taiwan's leading automobile manufacturers, GreenTrans Corporation is endeavor to provide high quality Mobile Robots to the users island wide.

| Model | MR100 | MR150 ^① |
|----------------------|--|---------------------|
| Dimensions(L*W*H) | 1,154mm*654mm*700mm | 1,154mm*654mm*453mm |
| Grabbing Capacity | 12KG ^② | - |
| Loading Capacity | - | 150KG |
| Patrol Speed | Max. 50m/min | |
| Positioning Accuracy | +/- 10mm | |
| Turing Radius | min. 600mm @30m/min | |
| Motion mode | Forward, Backward, Rotating, Diagonal moving | |
| Driver System | Differential Drive | |
| Weight | 242KG | 150KG |
| Battery | Lithium iron 12V/35Ah*4 | |

^① ME(Mobile E-Rack) is the application of MR150 with E-Rack

^② Depending on the gripping capacity of the Robot.

- ◆ The content of this DM is for reference only. Specifications are subject to change without notice based on product improvements or actual technical requirement. Greentrans reserves the right to cease the supply of the products or to alter the specifications of the products.
- ◆ Specifications regarding the AGV's movement may be limited or influenced by surrounding conditions.
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