




# MT Series Four-Wheel Differential Mobile Robot

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## MT Series General Mobile Robot Platform

The MT Series Ackermann steering mobile robot is designed with a high load capacity, enabling it to carry substantial cargo or equipment. This versatile chassis is suitable for both indoor and outdoor applications, offering adaptability to complex environments. Equipped with independent suspension and a standard control protocol, the robot supports rapid secondary development, making it ideal for use in logistics, warehousing, construction, scientific research, and educational settings.

Movement Mode	Ackermann steering chassis structure		
Models	MT-01	MT-04 Pro	ET-01
Images			
Dimensions	1046*688*462 (mm)	1534*810*464 (mm)	1365*848*488 (mm)
Speed	2.5m/s	2.4m/s	5m/s
Load Capacity	80KG	200KG	150KG
Battery Life	3H	4H	3H
Battery Capacity	24V 40AH	48V 40AH	48V 40 AH
Quick Battery Replacement	Supported		
Applicable Terrain	Suitable for diverse environments, including urban roads, agricultural fields, gravel mountain paths, and flat surfaces.		



## Features :

1	Compatible with standard CAN communication protocol for control.
2	Allows for chassis data retrieval through an upper computer interface.
3	Supports ROS development, with available ROS driver packages for the chassis.
4	External power supply: Equipped with a module that allows for the powering of additional devices.
5	Quick battery replacement: The modular design of the battery compartment allows for rapid swapping of fully charged batteries when needed.
6	Customizable appearance: Options for custom colours, and other personalized features.
7	Structural modifications: Capable of supporting additional mounted equipment.



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