



PT Series Four-Wheel Differential Mobile Robot

Updated on Oct 2025

PT Series General Mobile Robot Platform

The PT series four-wheel differential mobile robot employs differential control technology, allowing for free steering and flexible movement to adapt to various work environments. It can be equipped with different tools and equipment as required to perform tasks such as transporting, picking, loading, and unloading. This makes it widely applicable in fields like logistics, warehousing, production lines, healthcare, and education.

Movement Mode	Four-wheel drive with differential steering, capable of in-place rotation.	
Model	PT-01 Pro	PT-03
Images		
Dimensions(L*W*H)	995*614*435 mm	1575*1065*565 mm
Speed	1.2m/s	1.5m/s
Load Capacity	80KG	200KG
Battery Life	2H	>2H
Battery Capacity	48V 20 AH	48V 40 AH
Quick Battery Replacement	Supported	
Applicable Terrain	Suitable for both indoor and outdoor environments, including urban roads, agricultural fields, gravel mountain paths, and mixed environments.	

Features:

1	Supports control via standard 232 serial communication protocol.
2	Allows for the reading of chassis-related data and statuses via serial communication.
3	Compatible with ROS development, with available ROS driver package support.
4	Supports automatic recharging within a specified range via remote control.
5	Equipped with an external power supply module for additional equipment.
6	Customizable appearances.
7	Supports structural modifications for mounting additional equipment

