

Light and small-scale industrial handling robot

Aiten Handling

Robots



Introduction

Suzhou AiTEN Intelligent Technology Co., Ltd. is dedicated to the development and production of light, small-scale industrial robotic handling products. We own specific laser navigation technology for SLAM, along with independent core technologies in motion control, visual identification control, and remote scheduling systems.

AiTEN products integrate every aspect of intelligent manufacturing, aiming to streamline and tailor complex processes. Simplifying challenging tasks is at the heart of our competitive advantage. We assist customers in overcoming the constraints of manpower and space, thereby establishing core competitiveness for businesses.

AiTEN[®] szaiten.com/en/ (Aiten)



Provider of Light and Small-scale

Industrial handling robots

Aiten | All for the simplicity

AiTEN Join the future of industrial automation
with our expertly designed compact load handlers.

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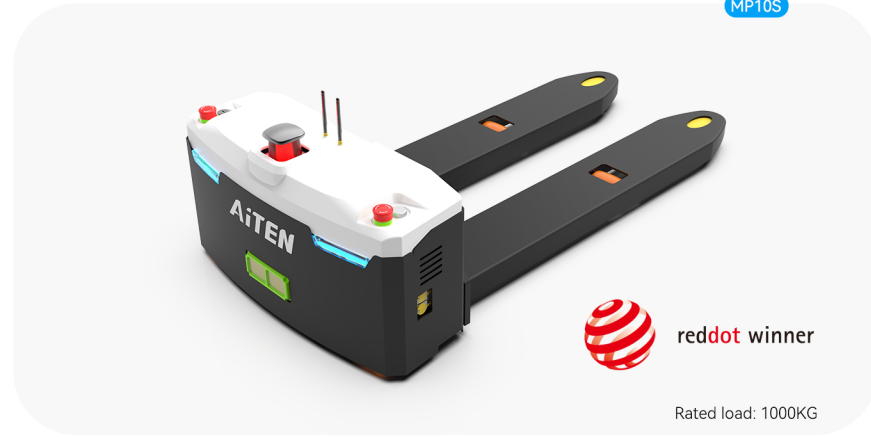
Handling robot

Simultaneous Localization And Mapping

Application: It is engineered for precise handling of pallets and rack materials. It facilitates the efficient transfer of goods from production lines to warehouse storage, ensuring streamlined operations and optimal material flow.

Function: SLAM Navigation, Laser Collision Avoidance, Lithium-ion Electric Power, Automatic Charging

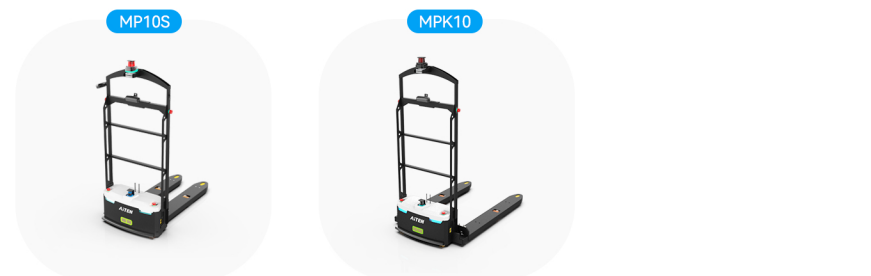
MINI Handling robot



APe15: Integrated Human-Machine Interface, Rated load: 1500KG
 MP10plus: Higher lifting height: 250mm, Rated load: 1000KG
 AP20/30: Higher capacity, Rated load: 2000/3000KG



MV05: Omnidirectional, Rated load: 500KG
 MS10: Single fork, Rated load: 1000KG
 ME02: Mini counterbalance, Rated load: 200KG



MP10S: Heighten mast, Rated load: 1000KG
 MPK10: Wider forks, Rated load: 1000KG

Handling robot for the narrow aisle width



AL02: Single fork, Rated load: 200KG
 AM15AH: Coil material, Rated load: 1500KG



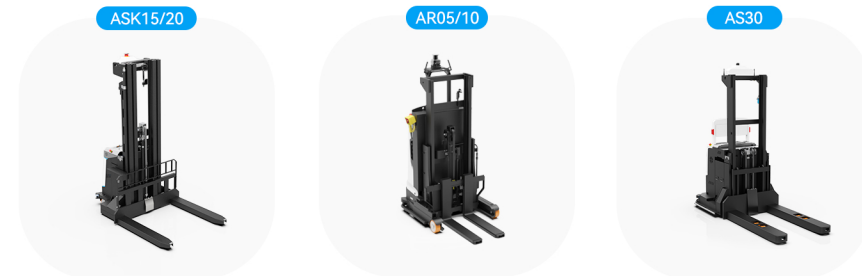
ALV02: Single fork omnidirectional, Rated load: 200KG
 AV08: Omnidirectional, Rated load: 800KG

Storage robot

Simultaneous Localization And Mapping

Application: It is engineered for efficient handling and stacking of pallets and racks, this equipment is ideal for material management within expansive storage warehouses.

Function: SLAM Navigation, Laser Collision Avoidance, Lithium-ion Electric Power, Automatic Charging



ASK15/20: Wider forks, Rated load: 1500/2000KG
 AR05/10: Retractable mast, Rated load: 500/1000KG
 AS30: Higher capacity, Rated load: 3000KG



ASK30E: Quadruple forks, Rated load: 3000KG
 AS15AB: Extended fork storage, Rated load: 1500KG



AE20/25: Higher capacity, Rated load: 2000/2500KG
 AE15C: Clamp model, Rated load: 1500KG



AE30/35: Quadruple forks, Rated load: 3000/3500KG
 AT30/50: Towing robot, Rated load: 3000/5000KG

Delivery robot

Simultaneous Localization And Mapping

Application: Designed for the efficient transfer of light materials, including material boxes and roller connecting devices, this system excels in tasks such as material relocation and goods-to-person sorting within 3C electronic production environments.

Function: SLAM Navigation, Laser Collision Avoidance, Lithium-ion Electric Power, Automatic Charging



TT30: Box mover, Rated load: 300KG
 TT60: Box mover, Rated load: 600KG
 TT100: Box mover, Rated load: 1000KG
 TT60: Box mover, Integrated Human-Machine Interface, Rated load: 600KG
 TP30: Jack up function, Rated load: 300KG



TP60: Jack up function, Rated load: 600KG
 TP100/150: Jack up function, Rated load: 1000/1500KG
 TP60: Jack up function, Integrated Human-Machine Interface, Rated load: 600KG
 TG08: Single roller production line shuttle, Rated load: 80KG
 TG15: Double rollers production line shuttle, Rated load: 150KG