

PLATFORM LIFTER

AB-FLB-PL10



ATOMBOTIX

Multiple Safety Protections



Have multiple - level safety protections including front - and - rear laser detection, front - and - rear binocular detection, 360 - degree anti - collision edges, and emergency stop buttons.

Large - scale Cargo Handling



Be able to handle up to 1000kg of cargo, supporting lifting, carrying, rotating, and lowering operations.

Autonomous Positioning and Navigation



Achieve precise positioning through technologies such as QR codes, laser SLAM, and texture.

Equipment Status Indication



Indicate various states of the vehicle through multiple lighting effects.

Flexible Motion Control



Employ two - wheel differential speed drive to support forward, backward, and rotational motion controls, ensuring smooth operation.

Friendly Human - machine Interaction



Support liquid - crystal touch screens and audio alarm prompts.

Intelligent Power Management



Support multi - level power threshold control. It automatically recharges when the power is low and resumes work after charging is complete.

Wireless Network Communication

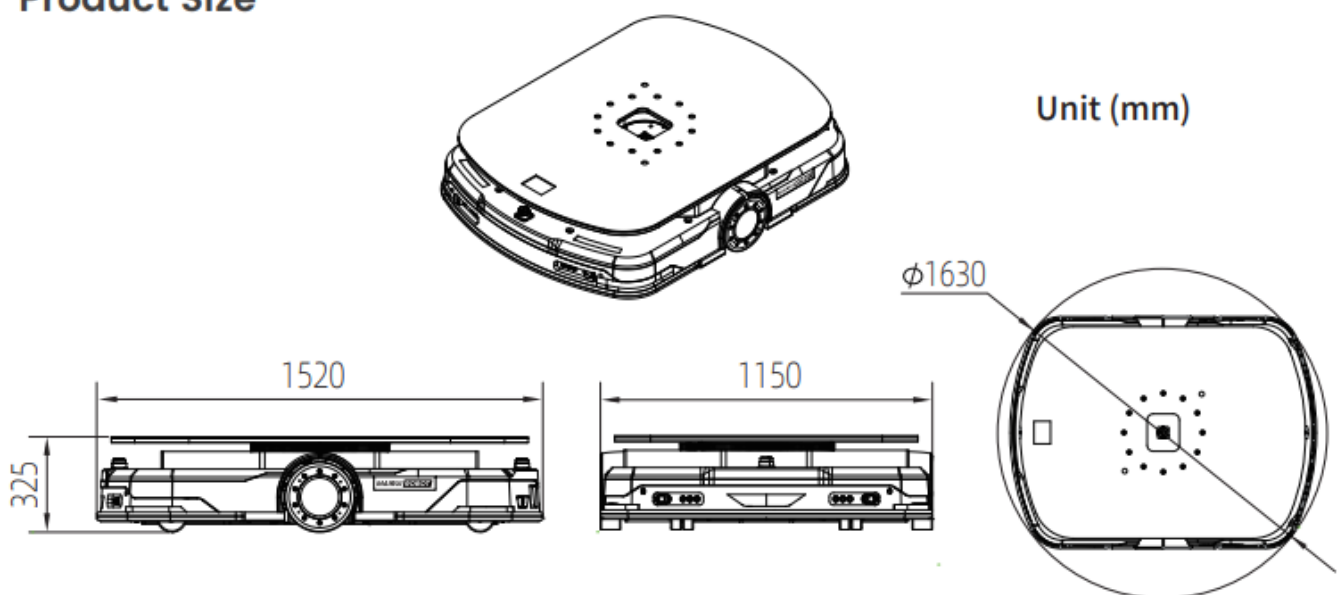


Support WiFi and 5G network communication, enabling unobstructed operation within the network coverage area.

Model	AB-FLB-PL10
Basic parameter	
Navigation Method	Qr code /VSLAM/LSLAM
Drive Form	Two - wheel differential speed
Length*width*height	1150 mm×820 mm×250 mm
Maximum Load	1000 Kg
Chassis Ground Clearance	25 mm
Maximum Lifting Stroke	60 mm
Network Communication	Ethernet/Wi-Fi 802.11 a/b/g/n/ac

Performance parameter	
Navigation Position Accuracy	±10mm
Navigation Angle Accuracy	±1°
Operating Speed(Full/empty load)	1.5 / 2 m/s
Battery parameter	
Battery Capacity	48 V/40 AH Lithium iron phosphate
Rated operating time	≥8 H
Charging time (10-80%)	< 1.5 h
Charging Mode	Manual / Auto
Battery Cycle Times	Cycle 1500, capacity > 80%
Security	
Number of lidars	1/2 (Optional)
Emergency Button	Support
Speaker	Support
Atmosphere Lamp	Optional
Anti - Collision Strips	Optional
Function	
Basic Function	Optional
Wi-Fi Roaming Function	Optional
Automatic Charging Function	Optional
Cargo Rack Recognition Function	Optional
QR Code Precision Positioning Function	Customizable

Product Size



www.atombotix.com
contact@atombotix.com



ATOMBOTIX

Drive The Future With Atombotix