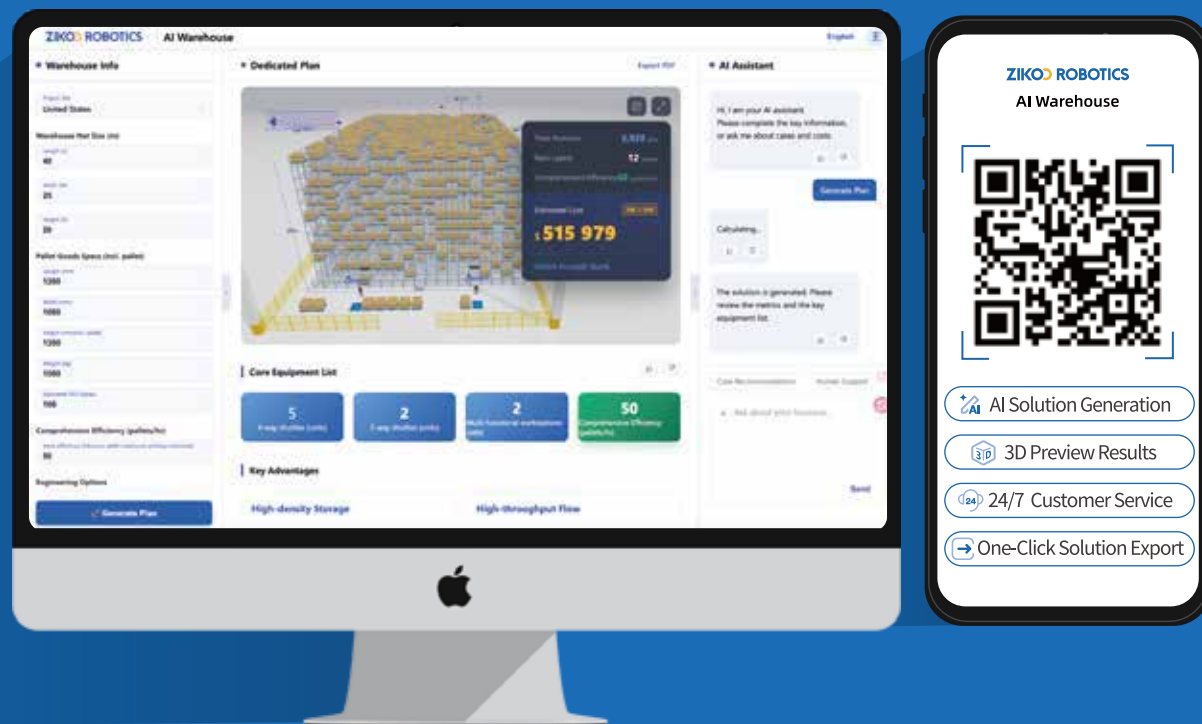




Zikoo Headquarters & Manufacturing: Suzhou, China
 Zikoo Operation Center: Nanjing, China

Global Partners
 Japan, Korea, Hong Kong, China, Taiwan, China, Malaysia, Singapore, Thailand, Vietnam, Indonesia, Australia, USA, Italy, Czech Republic, South Africa, Turkey, Argentina, India, etc.

Scan the QR code to create your own smart warehouse!



- ✓ High Density
- ✓ High Efficiency
- ✓ High Intelligence
- ✓ Low Cost



Zikoo Smart Technology Co., Ltd.

- www.zikoo-int.com
- info@zikoo-int.com
- +86 19941778955 (whatsapp)



Facebook: ZIKOO ROBOTICS LinkedIn: ZIKOO ROBOTICS YouTube: ZIKOO ROBOTICS

Pallet-Storage Robotics Pioneer

Product Positioning

AI Warehouse: Redefining Warehousing with AI and Robotics



Robots: AI Native's Pallet Storage Robot

Roam freely throughout area: By reconfiguring storage locations and aisles, six-way shuttle can move freely

Overcoming physical limitations: Overcome spatial and cargo constraints to enable flexible scheduling



AI : Warehouse AI Agent

Personal AI Warehouse Manager: Replace more than 80% of operations and experience-dependent tasks

AI Brain: Possesses the ability to think and anticipate, enabling intelligent decision-making with a holistic perspective

Application scenarios

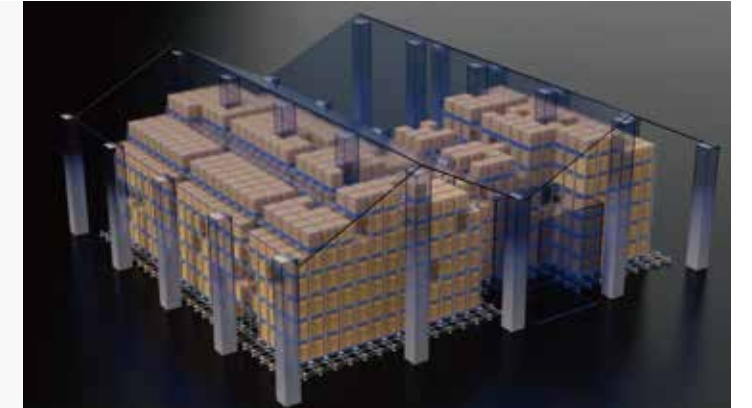
- ▶ Suitable for scenarios with high SKU turnover, such as 3PL and retail
- ▶ Suitable for scenarios requiring extensive picking, such as retail and smart manufacturing
- ▶ Suitable for palletized storage and picking scenarios across all industries



Product Advantages

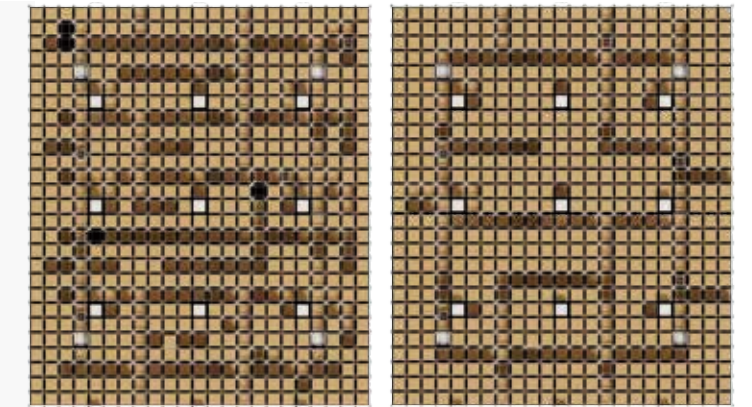
Maximize Space Improving Space Utilization by 30%

- ▶ Unrestricted by space, it adapts to any warehouse layout and maximizes the use of every inch of space
- ▶ Pallets can be placed in any location, truly maximizing storage capacity



High Intelligence Dynamic Optimization of Storage Locations and Efficiency

- ▶ Based on changes in SKU volume and popularity, the system intelligently allocates storage locations and aisles to maximize the number of available storage locations
- ▶ Based on order waves, the system intelligently organizes and prepares inventory to maximize efficiency



Maximize Efficiency A 100% increase in warehouse inbound and outbound efficiency

- ▶ Shuttle can move to any location, and every movement follows the optimal path
- ▶ Flexible deployment of entry and exit points allows access from any location on the ground floor
- ▶ By redesigning the rack rails, the speed of shuttle has increased by more than 50%



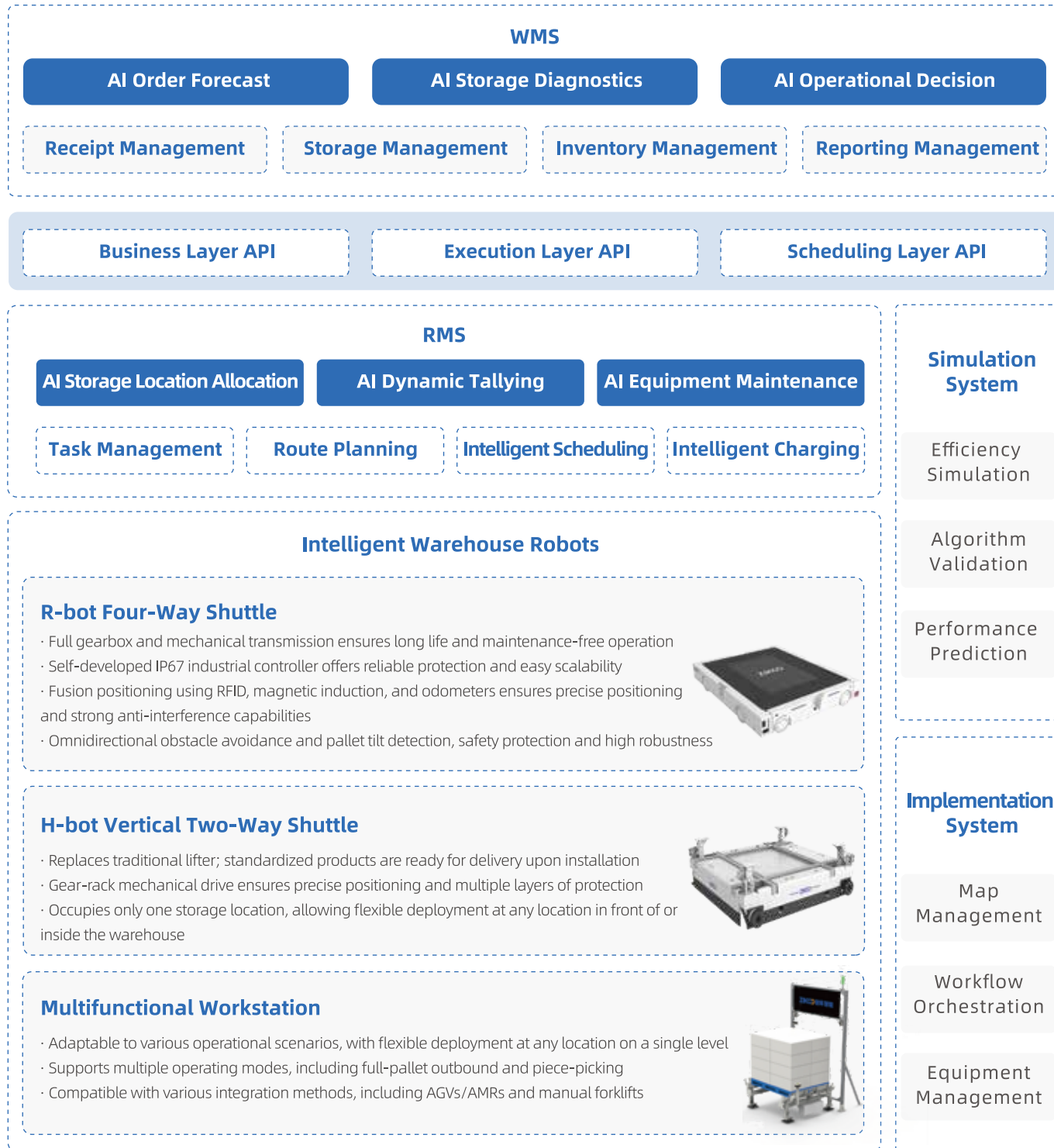
Lowest Cost Cost per location reduced by 10%

- ▶ With increased density and efficiency, the cost of equipment and facilities per storage location is lower
- ▶ AI and robotics warehouse—no on-site debugging required, significantly reducing delivery costs
- ▶ With the AI+ robotics warehouse, costs related to operations, maintenance, and upgrades and expansions are significantly reduced



Product Mix

The AI Warehouse is an integrated pallet storage and picking solution based on the deep integration of AI and robotics. By deeply embedding AI Agent capabilities into WMS and RMS systems, and utilizing six-way shuttle as the core smart warehouse robots, it enables fully automated operations across the entire process—from inbound and storage to picking and outbound. The solution offers core advantages such as high density, high efficiency, high intelligence, and low cost. It dynamically optimizes storage locations allocation and operational efficiency, fully meeting the needs of clients across various industries for flexible warehouse upgrades and efficient operations.



R-bot Four-Way Shuttle Product Parameters

Type	Unit	R1000M		R1000L		R1500M		R1500L	
Weight	Kg	265		265		275		275	
Rated load	Kg	1000		1000		1500		1500	
Body dimensions	mm	L960*W760*H152		L960*W960*H152		L960*W760*H178		L960*W960*H178	
Applicable pallet sizes	mm	1200*1000		1200*1200		1200*1000		1200*1200	
Navigation	-	RFID + Magnetic Induction + Encoder		RFID + Magnetic Induction + Encoder		RFID + Magnetic Induction + Encoder		RFID + Magnetic Induction + Encoder	
Positioning accuracy	mm	±1		±1		±1		±1	
Empty/full load speed	m/s	2.5/2.0		2.5/2.0		2.5/2.0		2.5/2.0	
Maximum acceleration	m/s ²	2		2		2		2	
Reversing time	s	1.5/2.5		1.5/2.5		1.5/2.5		1.5/2.5	
Lifting time	s	1.5		1.5		1.5		1.5	
Applicable temperature	°C	-15~45	-25~0	-15~45	-25~0	-15~45	-25~0	-15~45	-25~0
Battery capacity	V/Ah	48V/30Ah	48V/25Ah	48V/40Ah	48V/30Ah	48V/30Ah	48V/25Ah	48V/40Ah	48V/30Ah
Duration at full charge	h	6~8	4~6	6~8	4~6	6~8	4~6	6~8	4~6
Fully charging time	h	1.2	2	1.2	2	1.2	2	1.2	2
Type of batteries	-	Lithium-iron phosphate battery		Lithium-iron phosphate battery		Lithium-iron phosphate battery		Lithium-iron phosphate battery	
Certificate type	-	CE UL		CE UL		CE UL		CE UL	

H-bot Vertical Two-Way Shuttle Product Parameters

Type	Unit	H1300		H1800	
Body weight	Kg	500		500	
body size	mm	1300		1800	
Rated load	Kg	L1472*W1471*H288		L1472*W1471*H288	
Applicable pallet	mm	1200*1000~1200		1200*1000~1200	
Applicable temperature	°C	-15~45	-25~0	-15~45	-25~0
Positioning accuracy	mm	±1		±1	
Empty/full load speed	m/s	1/0.5		1/0.5	
Acceleration	m/s ²	1/0.3		1/0.3	
Total power	KW	12		12	
Control mode	-	Servo		Servo	
Transmission mode	-	rack and pinion		rack and pinion	
Certificate type	-	CE UL		CE UL	