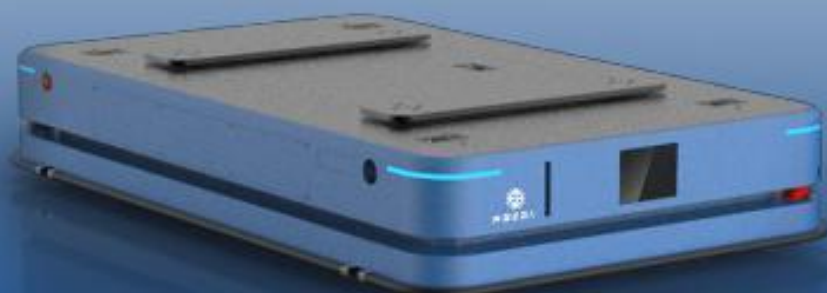




LiDAR SLAM Navigation Under Drive Lifting AMR (W5000DL)



(载重 5000KG)

Picture Reference





Specification

Basic Specification	Model	W5000DL
	Self-weight	1500KG
	Payload	5000KG
	Positioning accuracy	$\pm 10\text{mm}$
	Lifting height	110mm
	Dimension (L*W*H)	2470*1520*600mm
	Navigation	LiDAR SLAM Navigation
	Drive mode	Double wheel differential
	Motion form	Omni-directional
	Traverse deviation	$\pm 1^\circ$
	Turning angle deviation	$\pm 1^\circ$
	Lifting time	5-8s
	Rotation time	5-8s
	Traveling speed(empty load)	0.8m/s
	Traveling speed(full load)	0.6m/s



Battery	Charging mode	Auto+Manual charging
	Drive voltage	DC48V
	Battery type	Lithium iron phosphate
	Battery cycle life	> 1500 times
	Endurance	≥ 8 h
	Charging time	<2.5h
	Fast battery design	Support
Safety	Obstacle avoidance	360° LiDAR Obstacle avoidance+
	Emergency switch	Available, switch at each side
	Communication	WIFI
	Audible alarm	Support
	API interface	Open



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