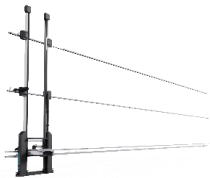


Product Name	Wali Tote-Handling Mobile Robot		
Model	C50L	Model	U50
Image		Image	
Mast Configuration	Dual Masts	Dimensions L*W*H (mm)	650*450*480
Rated Payload (kg)	50 (Double Deep Shelf)	Rated Payload (kg)	50
Lifting Positioning Methods	Encoder + QR code	Navigation Methods	Laser SLAM/QR Code /Ground Texture
Obstacle Avoidance Methods	LiDAR/RGB-D Camera	Obstacle Avoidance Methods	LiDAR/RGB-D Camera (Optional)
Travel Positioning Accuracy (mm)	±2.5	Positioning Accuracy (mm)	±5
Maximum Travel Speed (No-Load) (m/min)	240	Maximum Operating Speed (No-Load) (m/s)	5
Travel Acceleration (m/s²)	1.5	Minimum Ground Clearance (Chassis) (mm)	25
Lifting Positioning Accuracy(mm)	±1	Climbing Ability (Full-Load) (%)	3
Lifting Height (m)	12	Lifting Stroke (mm)	400
Maximum Lifting Speed (No-Load) (m/min)	180	Lifting Speed (No-Load) (mm/s)	100
Lifting Acceleration (m/s²)	1.5	Turning Radius (mm)	550
-	-	In-Place Turning Diameter (mm)	680
Aisle Width (Straight- Ahead)(mm)	850	Aisle Width (Straight- Ahead) (mm)	550
Pick/Extend Speed (No- Load) (m/min)	24	Battery Life (h)	≥8
Power Supply Mode	Trolley Conductor (3P)	Charging Time (h)	≤1.0
Communication Methods	Wi-Fi/4G/Bluetooth	Communication Methods	Wi-Fi/4G/Bluetooth
Bus Protocol	CAN	Operation Modes	Forward/Reverse/Turning/S pin-in-Place
Driving Mode	Servo Motor	Driving Mode	Drive Wheel * 2