

MF-50SF

Bin handling robot

Function Intelligent handling, automatic/manual mode switching

Product superiority

High rack utilization

High reliability organization

Low structural redundancy

Parameter information



Body size (L*W*H)	1560*880* up to 5300 mm	Voltage and capacity	48V / 54 Ah
Vehicle weight (including battery)	520 kg	Maximum driving speed	1.6m/s
Load	300kg	Positioning accuracy	± 10 mm
Lift height	220~5000mm	Stop Angle accuracy	± 1°
Width of straight running aisle (empty/filled)	1000 mm	Ground bearing requirements (full load)	800kg/m²
Climbing ability (H/L)	3%	Navigation mode	QR code + inertial navigation
Charging method	Manual/automatic recharge	Communication mode	WiFi2.4G WiFi5G, cellular 5G (optional), infrared (optional)
Charging time	2.0 h	Safe guarding	Traffic control, radar obstacle avoidance, safety touch edge
Continuous working hours	6 h		

