

MR-CT5-1000L-B1(H)

移载机器人



functional characteristic

- autonomous positioning navigation：The technology of laser SLAM navigation and location point 2D code assistance to realize accurate positioning
- flexible motion control：Differential steering wheel drive is used to support motion control such as forward and arc turning, and the process of motion is smooth and smooth
- Intelligent Power Management：Support multi-level power threshold control, low-power self-charging, after the completion of charging back to work autonomously
- Multiple Security Protection：Multi-level security protection such as pre-laser, collision detection, emergency stop button, realize safe and reliable movement control.
- human-computer interaction friendliness：Support touch screen, audio-optical alarm alert device status
- bulk cargo handling：Support for 1000kg cargo traction
- wireless network communication：Support for seamless roaming of WIFI network communication and barrier-free network coverage

application industry

automobile, new energy, manufacturing industries

Specification

Model		MR-CT5-1000L-B1(H)
basic paramete r	Dimensions L*W*H (mm)	1614*454*285
	turning radius (mm)	1000
	chassis clearance (mm)	30
	transfer mode	haul
	Weight (Kg)	250
	Rated load (Kg)	1000
	Navigation	Laser SLAM Navigation + 2D Code
	Display	4.3" Touch Screen
executive body	pull-up velocity (mm/s)	≥20
	traction tip stroke (mm)	50



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safety protection	Front Laser Barrier	Installation height (mm)	160
		open angle (°)	260
	Avoidance	maximum detection range (m)	20
	collision strip		Front Piezoelectric Collision Bar Detection
	emergency stop button		forward stop button
	Sound arlam		Available
kinematic performance	Rated operating speed (Empty load) (mm/s)		1000
	Rated operating speed (Rated load) (mm/s)		1000
	Rated Acceleration (No Load) (mm/s ²)		400
	rated acceleration (rated load) (mm/s ²)		300
	positioning angle accuracy (°)		±1
	positioning accuracy (mm)		±10
	Driving direction		advance
battery performance	rotational capacity		curve turn
	battery type		lithium iron phosphate
	rated voltage (V)		48
	capacity (Ah)		24
	number of charging cycles		1500
	rated operating time (h)		6~8
	charging time after full discharge (h)		≤1.5

optional function

- 1. binocular obstacle avoidance
- 2. 5G internet
- 3. wired hand control

HIKROBOT

SIZE

单位: mm

Model

型号	物料代码
MR-CT5-1000L-B1(H)	323200218

accessories

accessories	Model	Number
Charging station (earth filling)	MR-RA-CH-48/30G-A6(N)	323600025
hand charger	转接线-其他,M12A4F转2*OT-8,1.5m	101511689
	48V系统AGV手持充电器,STP4805-C1M1,48V5A,300W,国标	101701355
	交流电源线,国标,弯三插转C13,RVV3*0.75,1.2m,黑	101500001
wired hand controller	有线手操器 TX-908KPLC	365002260
ground ox trailer	RMT-HT-TRACTOR-1000-A1	303701745
standard frame	RA-GS-CT5料架-2A	190411145
external debugging line	标准转接线,USB转Type-C 公	/
	标准网线,RJ45转RJ45	
slope	M-80	194208978