



ROBOTIC CART THOUZER

THOUZER BASIC

SIMPLE IMPLEMENTATION

Easy to use
Affordable price
Fast deployment time

WORK IN MANY CONDITIONS

Bumps and slope
Day and night
Light rain

PLUG & PLAY SOLUTION

No Wi-Fi required
Button operation only
No complicated software

TWO NAVIGATION FUNCTIONS IN ONE

Autonomous Memory Trace®

- Simply perform route memorization by maneuvering THOUZER
- Press button to start autonomous route playback
- Up to 5 route memory and multiple stops can be set in the middle of the route
- Suitable to use for routine task with fixed destination

Collaborative Follow-Me

- Stand in front of THOUZER and press button to start immediately
- No tracker device is needed
- Obstacles avoidance feature
- Suitable to use for non-routine task

THOUZER BASIC IMPLEMENTATION



Day/Night



Slope/Step



Light Rain



Gravel



Grating/Gap



Water Puddle

Scale up productivity by using multiple THOUZERs in convoy

THOUZER Follow-Me increases the operator productivity instantly

Set up autonomous goods transportation routes easily using Memory Trace®

Let THOUZER run in a loop for a continuous route

Fully utilized THOUZER capability by towing your existing trolley/cart

Set multiple designated stops in the middle of the route

PRODUCT SPECIFICATION

PRODUCT MODEL		THOUZER STANDARD (RMS-10B1)	THOUZER GIANT (RMS-15B1)
DIMENSIONS	Robot Dimension	600mm (W) x 950mm (L)	700mm (W) x 1180mm (L)
	Loading Platform	600mm (W) x 750mm (L)	700mm (W) x 1000mm (L)
	Platform Height	455mm	455mm
PAYLOAD	Payload	120 kg	300 kg
	Towing Capacity	300 kg	600 kg
SPEED & MANEUVERABILITY	Max Speed	7.5 km/h (FM), 3.6 km/h (MT)	
	Min Radius of Rotation	~0.72 meter	~1.0 meter
	Max Slope Gradient	6 Degree (With Full Load)	3 Degree (With Full Load)
NAVIGATION FUNCTIONS	Follow-Me	Availability	✓
	Memory Trace®	Availability	✓
		Number of Routes	5
POWER	Battery (Lead-acid type)	2x 12V 34Ah	2x 12V 75Ah
	Battery Run Time (Distance)	Up to 20 km (Full Charge)	
	Charging Time	Approximately up to 8 Hours (0% - 100%)	
PROTECTION	IP Class	IPX2	
SENSOR & SAFETY SYSTEM	LiDAR Sensor (Class 1 safety)	Specification	Memory Trace Range (30m) Height (33cm) FOV (320°)
	Safety Features	Obstacle Detection Emergency Stop Button (Front), Bumper Switch Alarm Device (Sound)	



THOUZER STANDARD (RMS-10B1)

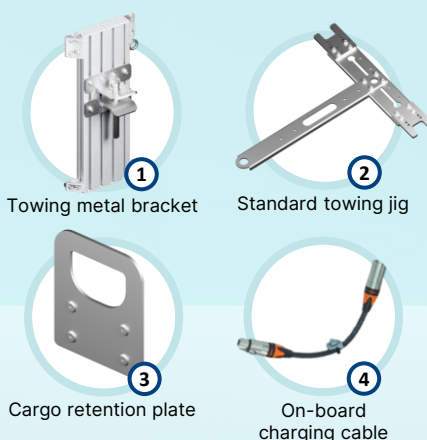


THOUZER GIANT (RMS-15B1)

You can do it yourself with these accessories



※Standard accessories item 1,2,3,4 will be included with purchased of RMS-10B1 or RMS-15B1



Set up tutorial



Doog provide video tutorial on every steps from unboxing, complete assembly and operation of THOUZER BASIC.

Please check on the QR code for the link on how-to-setup video tutorial playlist



Video Tutorial

Notes

- ※1 BASIC model has limited customization option. If you need any sorts of customization, please refer to THOUZER E-SERIES model
- ※2 Memory Trace for BASIC model will only work in stable environment. For highly dynamic environment, please refer to THOUZER E-SERIES model

- ※3 BASIC model has towing capability; however, it cannot be used to tow trolley with only free wheels. Further customization is required
- ※4 There are limitation to this product. Please read through the product instruction manual to understand on how to operate safely



Website

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Product specifications, appearance, prices, etc. are subject to change without notice