



ROBOTIC CART THOUZER

4444-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

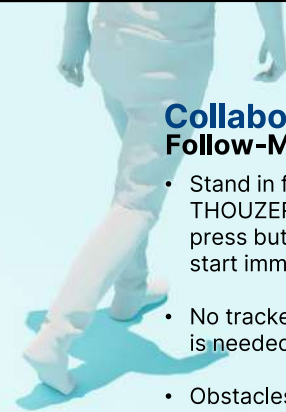
Autonomous Memory Trace®

- 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

Scale up productivity by using multiple THOUZERs in convoy



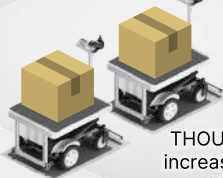
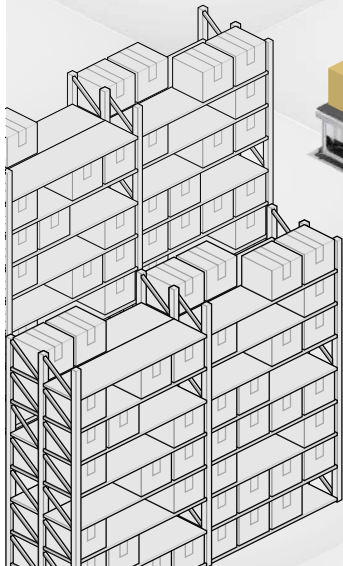
Gravel



Grating/Gap



Water Puddle



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



THOUZER BASIC



PRODUCT SPECIFICATION

PRODUCT MODEL		THOUZER STANDARD (RMS-10B2)	THOUZER GIANT (RMS-15B2)
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-10B2)



THOUZER GIANT (RMS-15B2)

You can do it yourself with these accessories

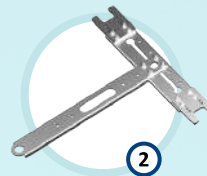
Set up tutorial



※Standard accessories item 1,2,3,4 will be included with purchased of RMS-10B2 or RMS-15B2



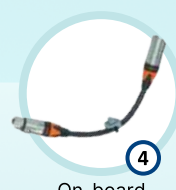
1 Towing metal bracket



2 Standard towing jig



3 Cargo retention plate



4 On-board charging cable



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



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