ROBOTIC CART THOUZER サウザー BASIC

SIMPLE IMPLEMENTATION

Easy to use
Affordable price
Fast deployment time

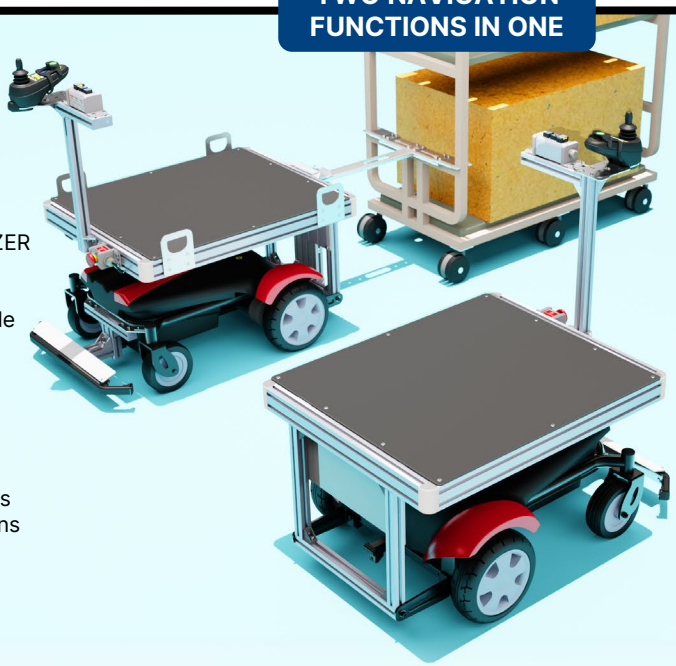
WORK IN MANY CONDITIONS

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



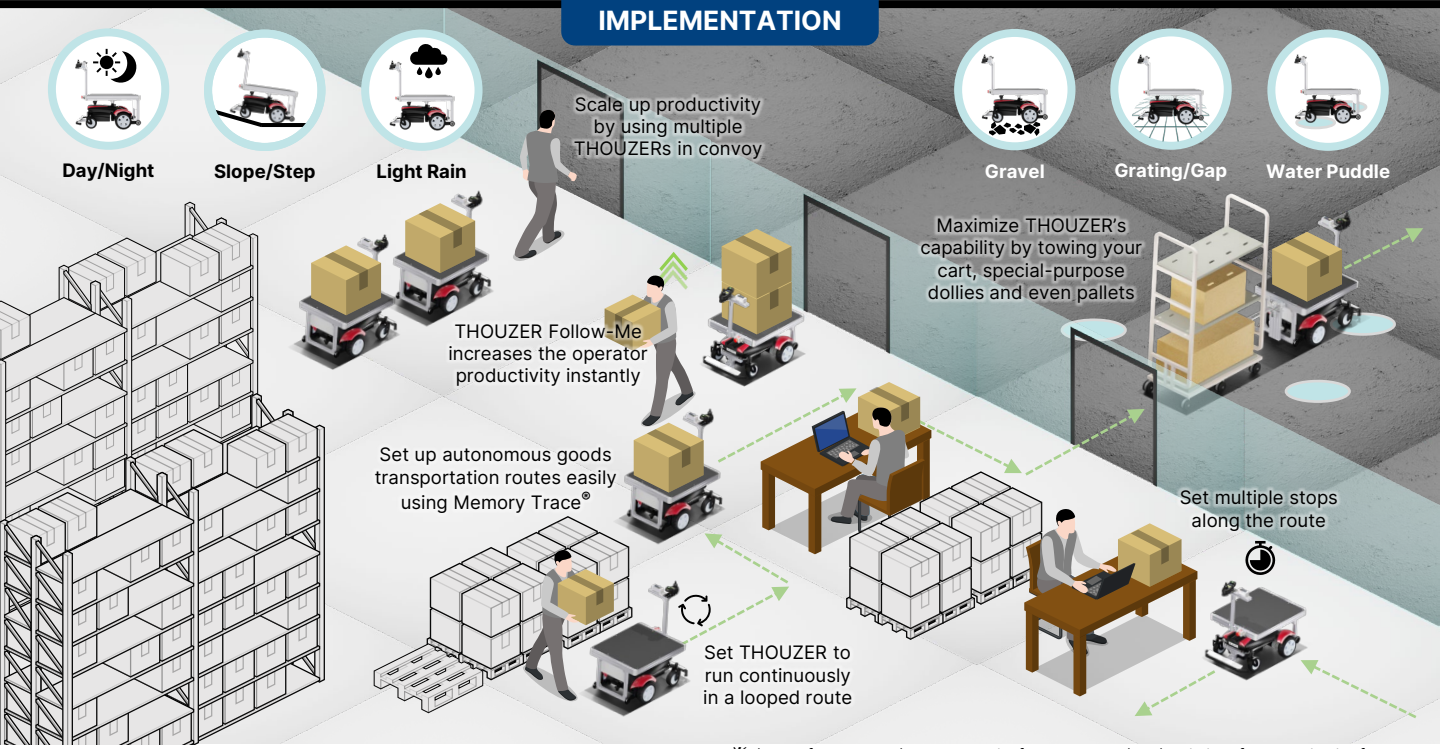
Autonomous
Memory Trace®

- Easily perform route memorization by maneuvering THOUZER
- Start autonomous playback with a single button press
- Store up to 5 routes with multiple intermediate stops
- Ideal for routine tasks with fixed destinations

Collaborative
Follow-Me

- Simply stand in front of THOUZER and press a button to start instantly
- No tracking device required
- Obstacles avoidance feature
- Perfect for non-routine tasks

THOUZER BASIC IMPLEMENTATION



※Please refer to Doog sales representative for a more complete description of Doog navigation features

THOUZER BASIC

PRODUCT SPECIFICATION

PRODUCT MODEL		THOUZER MINI (RMS-05B2)	THOUZER STANDARD (RMS-10B2)	THOUZER GIANT (RMS-15B2)
DIMENSIONS	Robot Dimension	450 mm (W) x 485 mm (L)	600 mm (W) x 950 mm (L)	700 mm (W) x 1180 mm (L)
	Loading Platform	450 mm (W) x 330 mm (L)	600 mm (W) x 750 mm (L)	700 mm (W) x 1000 mm (L)
	Platform Height	295 mm	455 mm	455 mm
PAYLOAD	Payload	60 kg	120 kg	300 kg
	Towing Capacity	150 kg	300 kg	600 kg
SPEED & MOBILITY	Max Speed	5.5 km/h (FM) 3.6 km/h (MT)	7.5 km/h (FM) 3.6 km/h (MT)	
	Min Radius of Rotation	~0.36m	~0.72m	~1.0m
	Max Slope Gradient	6 degrees (maximum payload)		
	Max Step Traversing	3 cm (edge 45°)		
NAVIGATION	Navigation Modes Availability	Follow-Me Memory Trace® (maximum 5 routes)		
POWER	Battery (Lead-acid)	2x 12V 22Ah	2x 12V 34Ah	2x 12V 75Ah
	Battery Run Time (Distance)	Up to 15 km (Full Charge)	Up to 20 km (Full Charge)	
	Charging Time	Approximately up to 8 Hours (0% - 100%)		
PROTECTION	IP Class	N/A	IPX2	
SENSOR & SAFETY SYSTEM	LiDAR Sensor (Class 1 safety) Specification	Memory Trace Range (30m) Height (~30cm) FOV (320°)		Memory Trace Range (30m) Height (~30cm) FOV (270°)
	Safety Features	Obstacle Detection Emergency Stop Button (Front), Bumper Switch Alarm Device (Sound)		



THOUZER MINI (RMS-05B2)

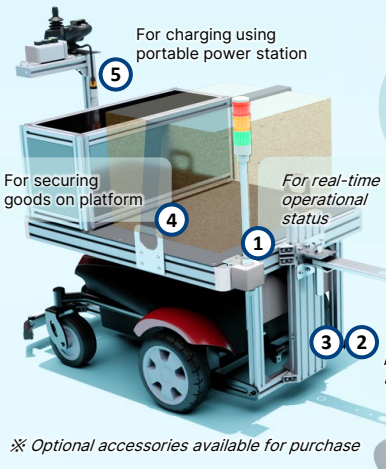


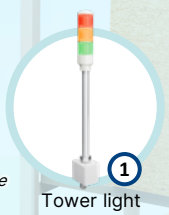
THOUZER STANDARD (RMS-10B2)

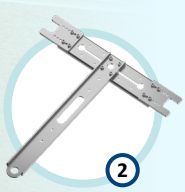


THOUZER GIANT (RMS-15B2)

You can do it yourself with these accessories




1 Tower light


2 Standard towing jig


3 Towing metal bracket


4 Cargo retention plate


5 On-board charging cable

※ Optional accessories available for purchase

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

Follow us at Doog Inc:

Product PV

Japan (Headquarter)
Doog Inc.
3 Chome-18-4 Azuma,
Tsukuba, Ibaraki 305-0031, Japan

Singapore
Doog International Pte Ltd
140 Paya Lebar Road,
#05-07, AZ@Paya Lebar Singapore 409015
Tel: +65 6513 0607

Distributor:

Product specifications, appearance, prices, etc. are subject to change without prior notice
Version: October 2026