



ROBOTIC CART

THOUZER

GIANT

EASY IMPLEMENTATION

Minimum training time,
Fast deployment time

INDOOR & OUTDOOR

Bumps and slope,
Uneven surface
IPX2 Rating

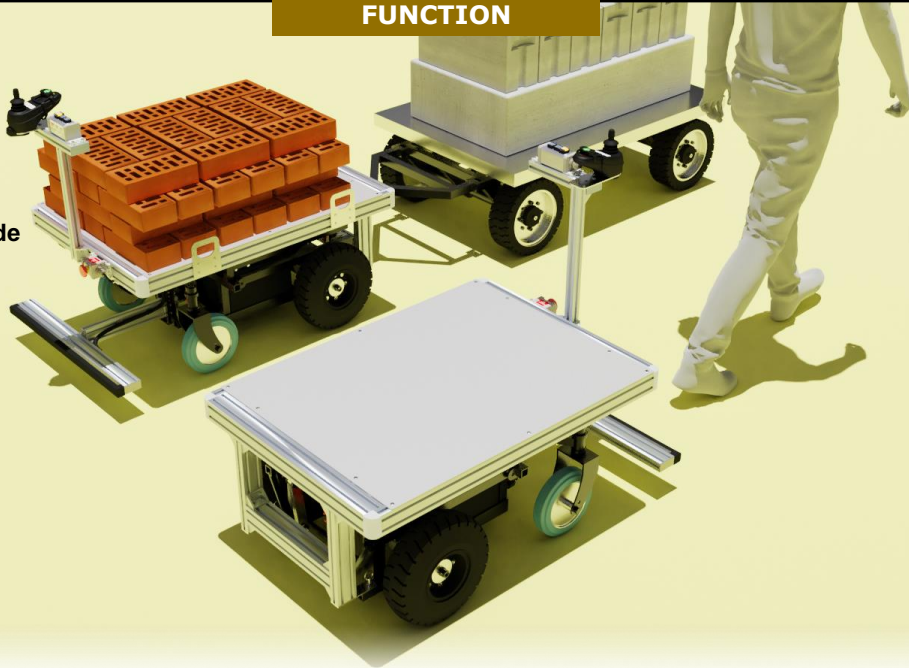
ADAPTABILITY

Able to handle dynamic
uncertain environments

NAVIGATION FUNCTION

Memory Trace® Mode

- Autonomous Navigation
- Programming and Wi-Fi not required
- Easy to setup



Follow-Me Mode

- One Button Activation
- Convoy Mode
- Obstacles Avoidance

MEMORY TRACE®

MEMORIZE ROUTE

With just a press of button, without using any complicated software, THOUZER can memorize the route easily.

No engineer required to do site mapping, cutting cost and lead time substantially.

THOUZER GIANT BASIC can memorize up to 5 routes. Featuring loop function, timed pause and hold at any point in the route.

PLAYBACK ROUTE

THOUZER playbacks the route by taking in the characteristic of its memorized surrounding.

Drastic changes in environment can be overcome simply by having the operator repeat the memorize process, as opposed to SLAM, which requires engineer support, longer time and is costly.

Adaptable to any dynamic environment.



Multiple Routes



Loop Function



Timed Pause



Hold

		THOUZER GIANT BASIC	THOUZER GIANT EX
DIMENSIONS	Robot Dimension	700mm (W) x 1180mm (L)	1250mm (W) x 1390mm (L)
	Loading Platform	700mm (W) x 1000mm (L)	1200mm (W) x 1237mm (L)
	Platform Height	455mm	545mm
PAYLOAD	Payload	300 kg	500 kg
	Towing Capacity ※	600 kg	N/A
SPEED & MANEUVERABILITY	Max Speed	7.5 km/h	3.6 km/h
	Minimum Radius of Rotation	~1.00 meter	~1.00 meter
	Maximum Slope Gradient	3 Degree (with Full Load)	1 Degree (with Full Load)
NAVIGATION FUNCTIONS	Follow-Me	Availability	✓
	Memory Trace®	Availability	✓
		Number of Routes	5
	Line Trace	Availability	N/A
Highway Availability		N/A	
POWER	Battery	Lead Acid Type (2x 12V 75Ah)	Lead Acid Type (2x 12V 75Ah)
	Battery Run Time (Distance)	Up to 20 km (Full Charge)	Up to 10 km (Full Charge)
	Charging Time	Approximately up to 8 Hours (0% - 100%)	Approximately up to 8 Hours (0% - 100%)
PROTECTION	IP Class	IPX2	IPX2
SENSOR & SAFETY SYSTEM	Sensor (Class 1 safety)	Range	Maximum Distance (30m) Height (35cm) FOV (298°)
	Safety Components		Emergency Stop Button (Front) Bumper Switch Alarm Device (Sound) Indicator Light (Optional)
EXTERNAL SYSTEM INTEGRATION	Wi-Fi Communication	N/A (only for maintenance)	✓
	I/O Terminal	N/A	✓
	API for System Integration	N/A	✓

※Please refer to product manual for safe use

Let GIANT Do The Heavy Work

※THOUZER's accessories sold separately



Japan
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

Southwestern PTS
200 E Belt Line Rd #301
Coppell, TX 75019
(972) 745-1900
Email: jbenge@southwesternpts.com