



ROBOTIC CART THOUZER

EASY IMPLEMENTATION

Affordable price,
Minimum training time,
Fast deployment time

INDOOR & OUTDOOR

Bumps and slope,
Rugged terrain
IPX2 Rating

ADAPTABILITY

Able to handle dynamic
uncertain environments

NAVIGATION FUNCTION



Follow Me Mode
*Target Tracking
Navigation*



Memory Trace® Mode
*Autonomous Navigation
(Memorise and Playback)*



Line Trace Mode
*Retro-Reflective
Line Tracking
Navigation*

APPLICATION USE CASES

Roll Cage with Towing Cart
(Manufacturing, Linen, Logistics)



Pallet Transportation
(Logistics)



Pallet Transportation with Pallet Jack
(Logistics)

UV-C Light
(Disinfection)



Contact us today for pricing and schedule with us a free technical assessment

PRODUCT SPECIFICATION

		THOUZER BASIC	THOUZER	THOUZER GIANT
DIMENSIONS	Robot Dimension	600mm (W) 950mm (L)	600mm (W) 950mm (L)	700mm (W) 1180mm (L)
	Loading Platform	600mm (W) x 750mm (L)	600mm (W) x 750mm (L)	700mm (W) x 1000mm (L)
	Platform Height	455mm	455mm	455mm
PAYLOAD	Payload	120 kg	120 kg	300 kg
	Towing Capacity ※	300 kg	300 kg	600 kg
SPEED & MANEUVERABILITY	Max Speed	7.5 km/h	7.5 km/h	7.5 km/h
	Minimum Radius of Rotation	~0.72 meter	~0.72 meter	~1.0 meter
	Maximum Slope Gradient	6 Degree (With Full Load)	6 Degree (With Full Load)	1 Degree (With Full Load)
NAVIGATION FUNCTIONS	Follow-Me	Availability	✓	✓
		Availability	✓	✓ (Optional)
	Memory Trace®	Number of Routes	5	> 5
		Availability	N/A	✓
	Line Trace	Highway Availability	N/A	✓ (Optional)
Availability		N/A	✓ (Optional)	
POWER	Battery	Lead Acid Type (2x 12V 34Ah)		Lead Acid Type (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	Sensor (Class 1 safety)	Range	Maximum Distance (30m) Height (33cm) FOV (320°)	Maximum Distance (10m) Height (30cm) FOV (270°)
	Safety Components		Emergency Stop Button Bumper Switch Alarm Device (Sound) Indicator Light (Optional)	Emergency Stop Button 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



Website

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Product PV

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