



ROBOTIC CART

# THOUZER

## भारत - BASIC

### EASY IMPLEMENTATION

Affordable price,  
Minimum training time,  
Fast deployment time

### INDOOR & OUTDOOR

Bumps and slope,  
Rugged terrain  
IPX2 Rating

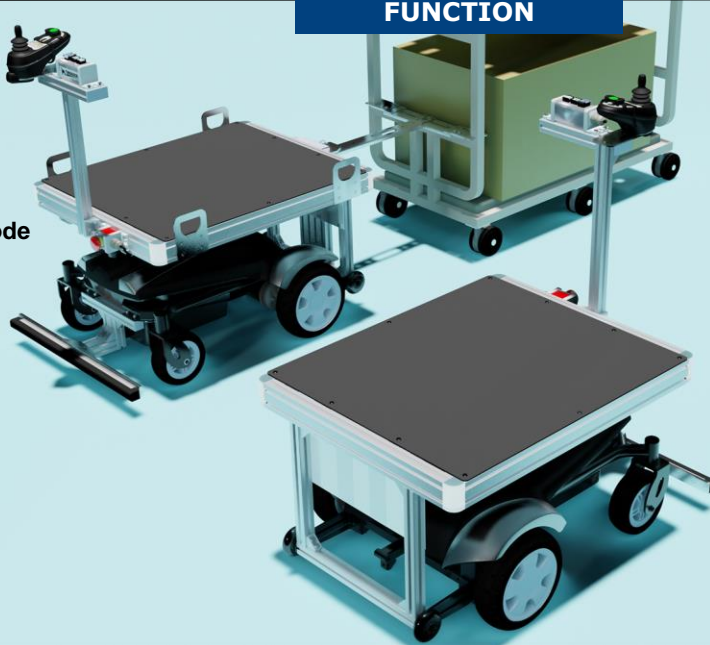
### ADAPTABILITY

Able to handle dynamic  
uncertain environments

### NAVIGATION FUNCTION

#### 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 memorise the route easily.

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

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

#### PLAYBACK ROUTE

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.

THOUZER plays back the route by taking in the characteristic of the memorized surround



Multiple Routes



Loop Function



Reverse Playback



Timed Pause



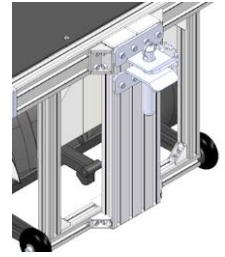
Hold

## PRODUCT SPECIFICATION

<b>DIMENSIONS</b>	Robot Dimension		600mm (W) x 950mm (L)   23.6 in (W) x 37.4 in (L)
	Loading Platform		600mm (W) x 750mm (L)   23.6 in (W) x 29.5 in (L)
	Platform Height		455mm   17.9 in
<b>PAYLOAD</b>	Payload		120 kg   264.5 lb
	Towing Capacity ※		300 kg   661.4 lb
<b>SPEED &amp; MANEUVERABILITY</b>	Max Speed		7.5 km/h   4.7 mph
	Minimum Radius of Rotation		~0.72 m   ~28.3 in
	Maximum Slope Gradient		6 Degree (With Full Load)
<b>NAVIGATION FUNCTIONS</b>	Follow-Me	Availability	✓
	Memory Trace®	Availability	✓
		Number of Routes	5
	Line Trace	Availability	N/A
		Highway Availability	N/A
<b>POWER</b>	Battery		Lead Acid Type (2x 12V 34Ah)
	Battery Run Time (Distance)		Up to 20 km   12.4 mi (Full Charge)
	Charging Time		Approximately up to 8 Hours (0% - 100%)
<b>PROTECTION</b>	IP Class		IPX2
<b>SENSOR &amp; SAFETY SYSTEM</b>	Sensor (Class 1 safety)	Range	Maximum Distance (30m   98ft) Height (33cm   13in) FOV (320°)
	Safety Components		Emergency Stop Button (Front), Bumper Switch, Alarm Device (Sound) Indicator Light (Optional)
<b>EXTERNAL SYSTEM INTEGRATION</b>	Wi-Fi Communication		N/A (only for maintenance)
	I/O Terminal		N/A
	API for System Integration		N/A

## Included Accessories

Towing Bracket



Standard Towing Jig



Cargo Retaining Plate Set (4 Pcs)



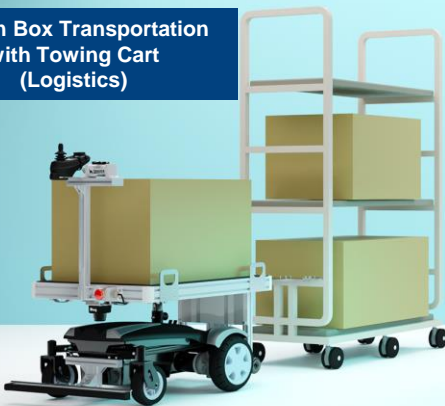
On-Board Charging Cable



※Please refer to product manual for safe use

## Build Your Application on top of BASIC

Carton Box Transportation with Towing Cart (Logistics)



UV-C Light (Disinfection)



Roll Cage (Linen, Logistics)



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