ROBOTIC CART
THOUZER
サウザー BASIC

EASY IMPLEMENTATION

Affordable price, Minimum training time, Fast deployment time

INDOOR & OUTDOOR
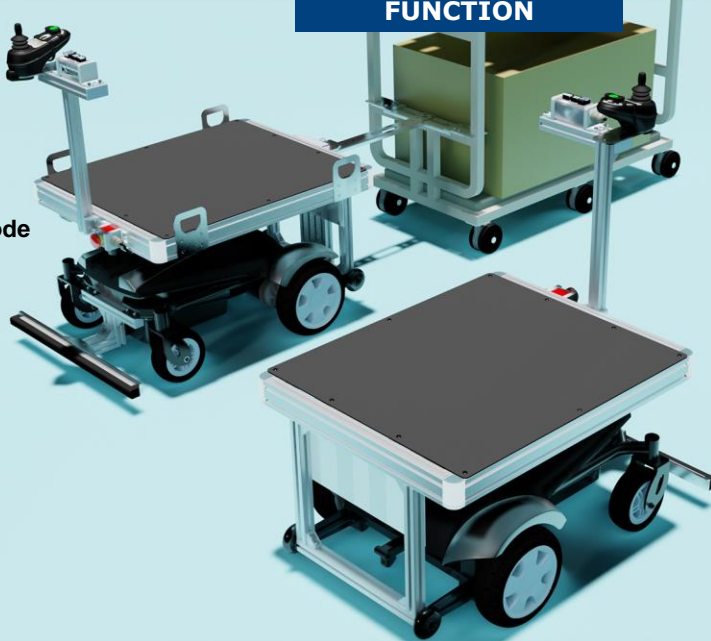
Bumps and slope, Rugged terrain IPX2 Rating

ADAPTABILITY

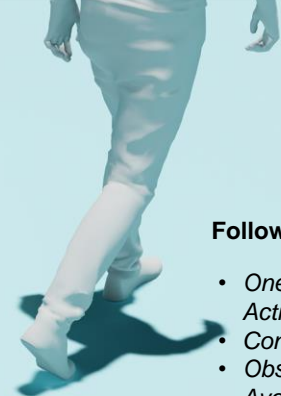**Able to handle dynamic uncertain environments**

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 ®

MEMORISE ROUTE

With just a press of button, without using any complicated software, Thouzer Basic can memorise the route easily.

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

Thouzer Basic can memorise up to 5 routes. Featuring reverse playback, loop function, and timed pause at any point in the route.

PLAYBACK ROUTE

Thouzer Basic playbacks the route by taking in the characteristic of its memorised surrounding.

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

Adaptable to any dynamic environment.

Multiple Routes

Loop Function

Reverse Playback

Timed Pause

PRODUCT SPECIFICATION

DIMENSIONS	Robot Dimension		600mm (W) x 950mm (L)
	Loading Platform		600mm (W) x 750mm (L)
	Platform Height		455mm
PAYLOAD	Payload		120 kg
	Towing Capacity ※		300 kg
SPEED & MANEUVERABILITY	Max Speed		7.5 km/h
	Minimum Radius of Rotation		~0.72 meter
	Maximum Slope Gradient		6 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 34Ah)
	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°)
	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

Included Accessories

Towing Metal Bracket
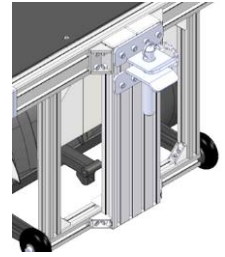
Towing Jig

Fall Prevention Plate Set (4 Pcs)

On-Board Charging Cable

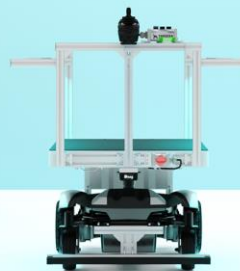## Build Your Application on top of BASIC

Carton Box Transportation with Towing Cart (Logistics)
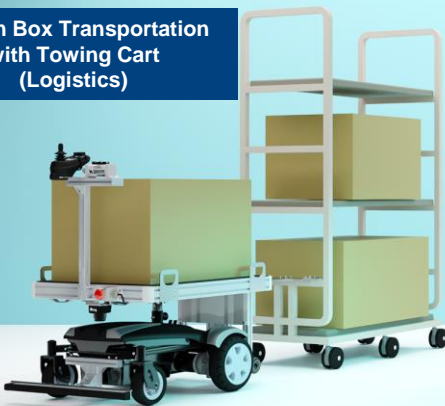
UV-C Light (Disinfection)

Roll Cage (Linen, Logistics)