



ROBOTIC CART THOUZER

4444-LITE

EASY IMPLEMENTATION

Affordable price,
Easy to use,
Fast deployment

HANDS-FREE OPERATION

No tracker / beacon,
No handheld device,
No Wi-Fi / Bluetooth

INDOOR & OUTDOOR

Bumps and slope,
Uneven surface
Light rain and wet floor

NAVIGATION FUNCTION

Follow-Me

One-button activation, and
obstacle avoidance function

Manual Control

Easy joystick maneuvering in tight spaces on
THOUZER, no additional RC-device required

Synergistic Performance

The seamless combination of Follow-Me and Manual Control
is perfect for simple, fast and efficient goods transportation



FOLLOW-ME TECHNOLOGY

OPERATION

Just a simple push of a button activates
sensor that lock on to an operator.

THOUZER able to follow the operator in
dynamic environment and avoid obstacles
in its path.

No special training to operate.
No tracker is required, no tablet or
software/app needed.

One person can lead multiple THOUZER in
one go.

BENEFITS

Doog Follow-Me technology provides an
intuitive user experience and opens the
door to collaborative mobile robots
that can augment the human workforce.

It gives the ability to assist workers from
different industries in their daily workflow,
carry heavy equipment, improve efficiency
and enhance workers' safety.

The result is a seamless integration that
boosts overall productivity.



PRODUCT SPECIFICATION

DIMENSIONS	Robot Dimension	600 mm (W) x 950 mm (L)
	Loading Platform	600 mm (W) x 800 mm (L)
	Platform Height	365 mm
PAYLOAD	Payload	100 kg
	Towing Capacity	N/A
SPEED & MANEUVERABILITY	Max Speed	6 km/h
	Minimum Radius of Rotation	~0.68 meter
	Maximum Slope Gradient	6 Degree (With Full Load)
	Max Step Traversing	2 cm (edge 45°)
POWER	Battery	Lead Acid Type (2x 12V 20Ah)
	Battery Run Time (Distance)	Up to 12 km (Full Charge)
	Charging Time	Approximately up to 8 Hours (0% - 100%)
SENSOR & SAFETY SYSTEM	IP Class	IPX2, operable on wet floor
	Safety Components	Obstacle Detection LiDAR Sensor Bumper Switch RC Stop Button (Optional)



**THOUZER LITE
(RMS-ECO1)**

* RMS-ECO2 has a platform size of 550 mm (W) x 650 mm (L), and the main body size is smaller, with other items identical to RMS-ECO1.

Freedom to Build Your Own Upper Structure



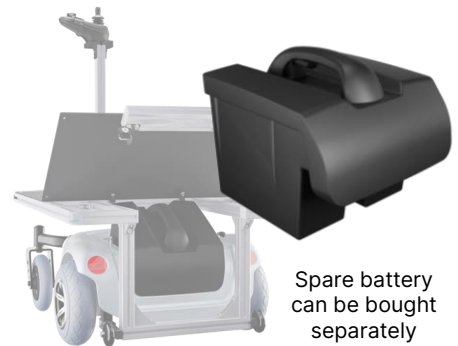
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SUS
T NUT S (M6)

Various parts can be added by inserting nuts into the side of the platform (aluminum frame material)

Swappable Battery



Spare battery can be bought separately

Transportation Form That Fits Various Settings



Logistic Transportation



Medical Supply Delivery



Waste Disposal



Housekeeping / Cleaning

※ Image above is for illustration purpose only, upper structure is not available as standard accessories



Website

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Product specifications, appearance, prices, etc. are subject to change without notice