



# All-terrain Mobile Robot Specialist

XSTO-Product Catalog



[xstomobility.com](http://xstomobility.com)



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# All-terrain Mobility Robot

## X7

### Smart

- All-terrain Design for Stair-climbing
- Automatic Unmanned Driving
- Safety Assist Driving System
- Self-developed Control Technology

### Safe

- Self-balancing Seat Position
- Avoid Obstacles Automatically

### Convenient

- One-key Folding and Unfolding, Able to Disassemble
- Support APP control



Maximum Load Capacity

**115kg**



Endurance Mileage

**15km**



Maximum Slope

**<15°**



Weight

**80kg**



Driving Speed

**6km/h**



Staircase Gradient

**20~45°**



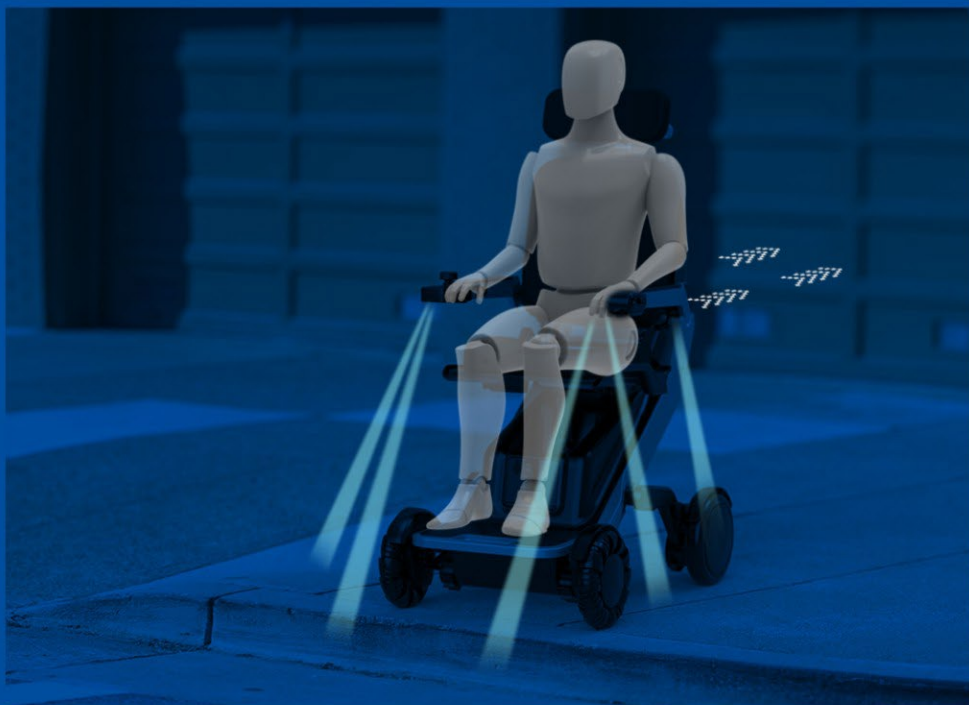


## Smart All-terrain Mobility Robot

Self-balancing seat position and safety assist driving system help you go freely through obstacles like stairs, slopes and speed bumps. Smooth maneuverability makes you control multi-direction and climb stairs easily.







## Automatic Obstacles Avoiding System, Smart Fall Prevention

AI laser radar and 3D scanner can recognize obstacles like stairs, slopes and speed bumps. With self-balancing seat position and safety assist driving system, X7 is able to help drivers go through obstacles safely and freely.

## Detecting dangerous areas, Assist driving to safety zone

360° full-area loop detection, intelligent sensing of the dangerous state, the system automatically intervenes to control the driving and adjust to the safe zone.





# MOBILITY ROBOT

M4/M4U/M4-Pro/M4U-Pro

## Safety

- Avoid obstacles Automatically, Prevent to Fall
- No Skidding, No Hill-hopping
- Sufficient Power, Stable Speed
- Dual Mode Options

## Comfort

- Automatic Postural Balance Control
- Wheelchair Height Adjustment

## Convenience

- Automatic Fold/Unfold, Detachable
- Support APP Control





# M4/M4-Pro

## Mecanum Wheel Pedal

Smaller turn-in-place diameter for easier passage through narrow spaces



Maximum Load Capacity

**115kg**



Endurance Mileage

**17km**



Minimum Turning Radius

**820mm**



Weight

**49.5kg**



Maximum Speed

**6km/h**



Maximum Slope

**15°**



Maximum Load Capacity

**115kg**



Endurance Mileage

**17km**



Minimum Turning Radius

**820mm**



Weight

**46.5kg**



Maximum Speed

**6km/h**



Maximum Slope

**8°**

# M4U/M4U-Pro

## Omni Wheel Pedal

Ultra-quiet, strong vibration damping, smooth operation



## Powerful

The M4 is powered by a large-capacity battery and a high-performance motor, and is equipped with a closed-loop control system for smooth and safe operation. It can easily handle even rough roads and slopes.

## Automatic Postural Balance Control

Based on the gyroscope balance technology, adding the self-developed advanced processing algorithm, M4 can adjust the tilt degree of the seat, keep the seat in a horizontal state to create a comfortable user experience.





## Folding Design, Height Adjustable

The M4 folds automatically and adjust to different heights. The drivers can fit different desks, such as office desks, dining tables, and bar counters. This makes it convenient for users to work and socialize.

## Support APP Control

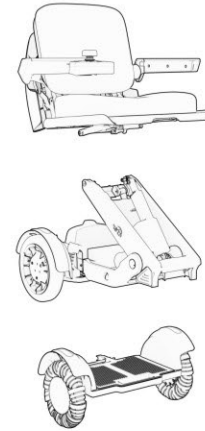
The M4 supports online control of mobile devices, APP operation is simpler and smarter. It is equipped with remote positioning, one-key summoning function.







## MOBILITY ROBOT



### Modular Design

The M4 is composed of seat, executive unit and front wheels, which can be quickly assembled and disassembled. It is easy to carry, and can be stored in the trunk of the car.

### Three-step quick Disassembly

The device can be easily disassembled and reassembled in three steps.





M4



M4-Pro



M4U



M4U-Pro



## Function comparison

Product model	M4	M4U	M4-Pro	M4U-Pro
Self balancing seat position	✓	✓	✓	✓
Adjustable seat height	✓	✓	✓	✓
Folding and unfolding	✓	✓	✓	✓
Support APP control	✓	✓	✓	✓
Quick disassemble	✓	✓	✓	✓
Avoid obstacles automatically			✓	✓
Safety driving assist system			✓	✓
Intelligent protection in fall			✓	✓
Automatic driverless			✓	✓

# Automatic Driverless

360° full-area loop detection, automatic driving control-system,  
smart and safe

Adaptive models: X7 / M4-Pro / M4U-Pro











# New Urban Mobility Scooter

## C2

- ★ Multifunctional scooter, integrated with manned transportation
- ★ High drive performance, efficient and fast movement
- ★ With folding load board, various accessories to meet your needs



 Cargo Load Capacity <b>200kg</b>	 Endurance Mileage <b>20~30km</b>	 Maximum Slope <b>7°</b>
 Operator Load <b>100kg</b>	 High Speed <b>15km/h</b>	 Weight <b>58kg</b>

Upright/flat load board,  
multiple cargo  
placement modes



Folding mode



## Various Accessories Available to Meet the Dual Needs of Carrying People and Cargo

C2 can be equipped with a carrying basket and a baby safety chair to help you reduce the burden of going out and shopping with your baby.









# STAIR CLIMBER FOR WHEELCHAIR

## TR250T

- ★ Equipped with Wheelchair Climbing Equipment
- ★ Caterpillar Track Structure
- ★ Smooth and Comfortable Operation



 Maximum Load Capacity <b>130KG</b>	 Endurance Mileage <b>46~100 Floors</b>	 Maximum Height Of Step <b>195MM</b>
 Weight <b>55KG</b>	 High Speed <b>21 Steps/Min</b>	 Lithium Battery <b>25.9V 18.2Ah</b>

# TR250T





TR250T

## Wheelchair Transportation For Convenient Travel

The stair climber for wheelchair can be easily attached to the armrest of a wheelchair and screwed in place. It is compatible with most commercially available wheelchair models, conveniently helping wheelchair users climb and descend stairs.





# STAIR CLIMBER WHEELCHAIR

## TR140C

- ★ Versatile for Various Scenarios
- ★ Automatic Edge Detection Braking System
- ★ Quick Disassembly for Portability



Maximum Load Capacity

**140KG**



Endurance Mileage

**80~113 Floors**



Edge Brake

**YES**



Weight

**37KG**



High Speed

**17 Steps/Min**



Lithium Battery

**48V 10Ah**

# TR140C





TR140C

## Adaptable to Various Scenarios

A versatile stair climber that can be used on a variety of surfaces. It is made of lightweight aluminum alloy for durability and has an ergonomic seat for comfort. Suitable for staircases, and all kinds of surfaces, both indoors and outdoors. The front wheel is equipped with shock-absorbing rubber for a smooth ride. The stable execution structure ensures safety when going up and down stairs.



## Quick Disassembly

The TR140C is composed of backrest, seat and the executive unit, which can be quickly assembled and disassembled. It is easy to carry, and can be stored in the trunk of the car.





# ABOUT XSTO

Founded in 2014, XSTO is the world's leading all-terrain mobile robot expert and a mobile intelligent device provider integrating production and sales.

The company is headquartered in Zhongshan, Guangdong, and has a R&D and marketing center in Guangzhou. The business scope covers more than 70 countries and regions around the world, providing efficient services to enterprises and users. The team insists on investing in innovative technologies, leading industry development and standards. Its technological strength and influence far exceed those of its peers, and it has become a leader in the international intelligent mobility industry.

The company has deployed two major systems: all-terrain intelligent travel and logistics handling automation. Using obstacle-crossing balance control as the core technology to create the ultimate safety experience, it provides a one-stop solution for travel and handling in complex indoor and outdoor scenes.

10<sup>+</sup>

Brand Establishment

120<sup>+</sup>

Awarded Patent

70<sup>+</sup>

Exporting Countries

100<sub>w</sub>

Service users





### Independent Production

XSTO has a 20,000 square meters production factory, as well as a variety of standard laboratories and testing rooms. We have multiple automated production lines, and have established a number of industry and regional standards to lead the development of the industry.



### Independent Research and Development

XSTO attaches great importance to technology accumulation, continuous innovation, and breakthroughs. We have applied for more than 170 patents, including more than 55 invention patents and international patents.



### Quality Assurance

XSTO has established a strict quality control system. We have passed ISO9001 and ISO13485 quality system certification, and our products have passed TUV, FDA, CE, and other certifications.







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