

Self-balancing Mobility Robot

M4



CE



ISO 13485



FDA



MDR



DESIGN
AWARD
2025



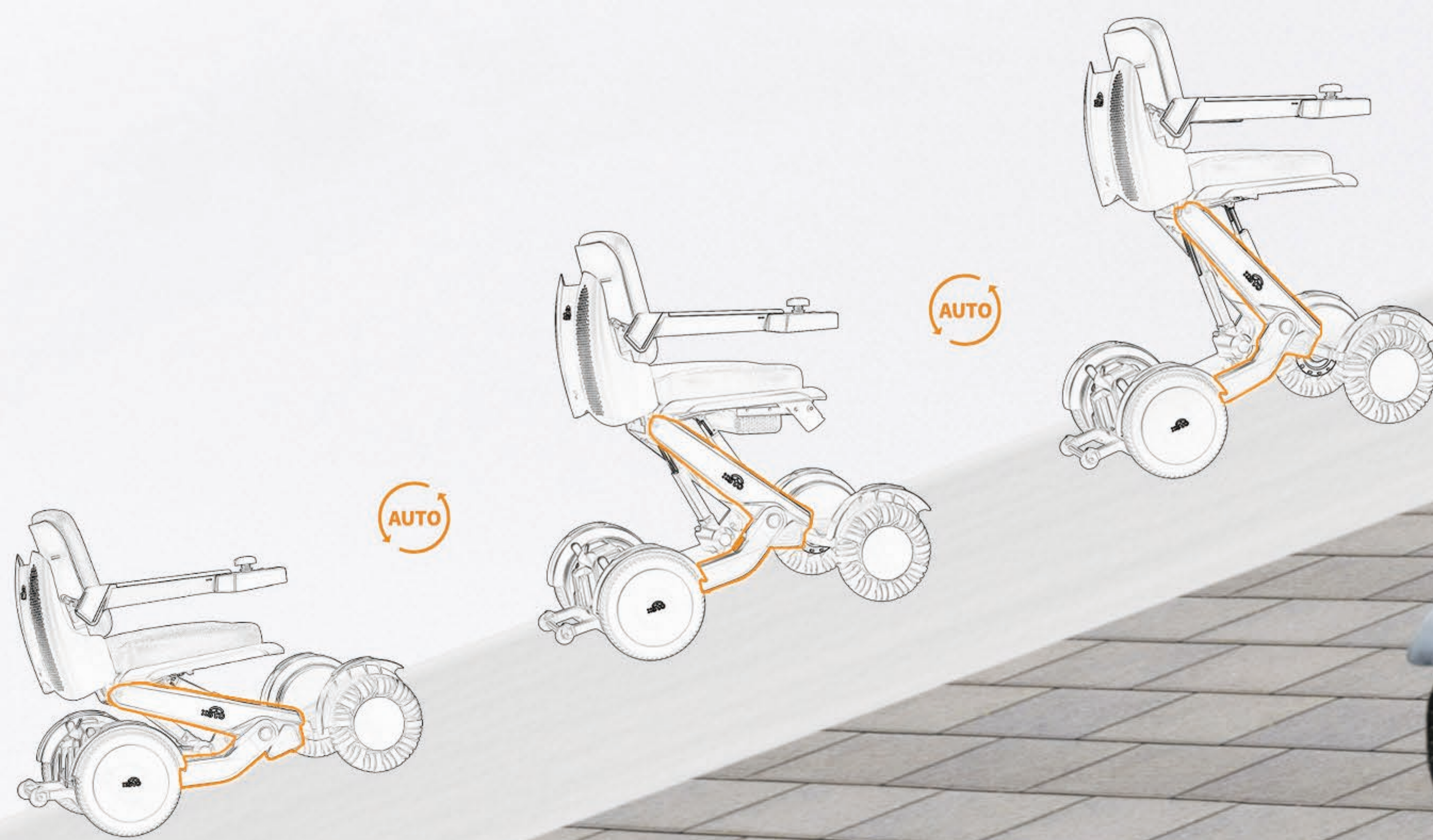
reddot winner 2025



Dynamic Seat

■ Automatic Self-Balancing

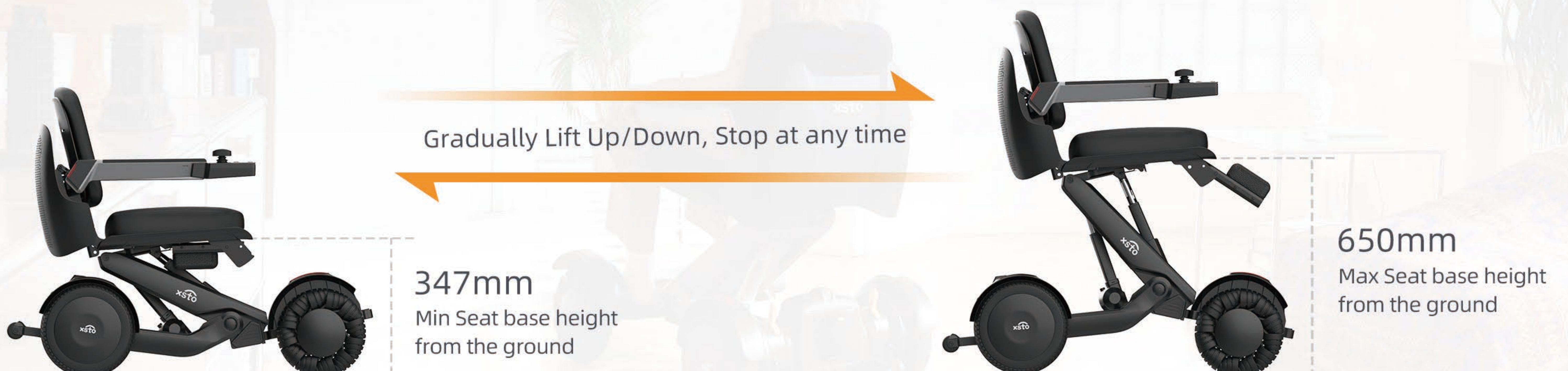
Adopting self-developed intelligent control platform, it always maintains posture self-balancing, constant speed and full power, and easily realizes half-slope stopping and smooth starting.



Dynamic Seat

■ Seat Height Adjustable

The whole chair height can be adjusted from a set range, which is easy to adapt to different heights of desktops and convenient for users' work, life and socializing.

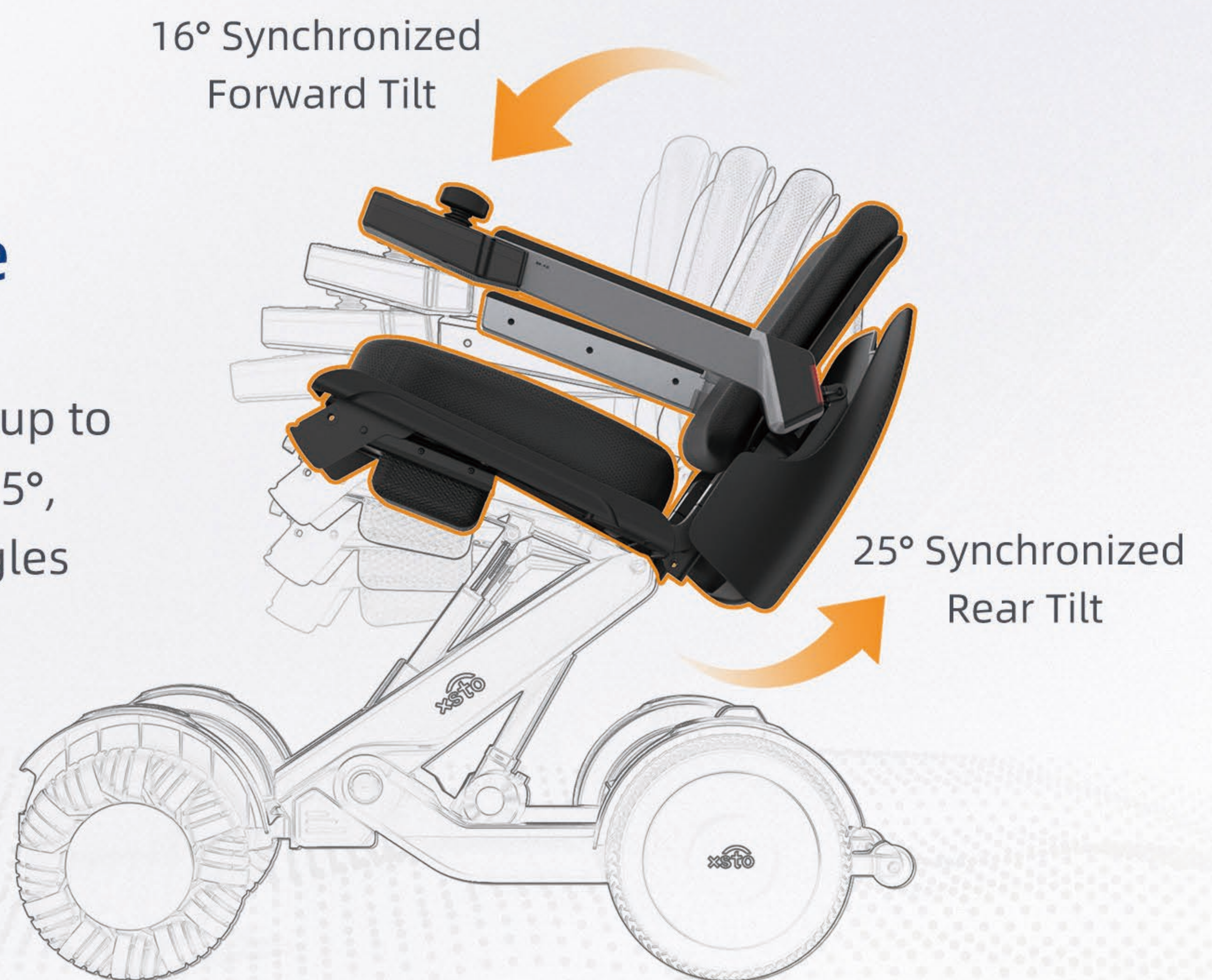




Dynamic Seat

■ Seat Tilt Angle Adjustable

The chair can be tilted forward and backward, with a forward tilt angle of up to 16° and a back recline angle of up to 25°, and the forward and backward tilt angles can be adjusted in range.



Independent Design of Front-wheel Pedals

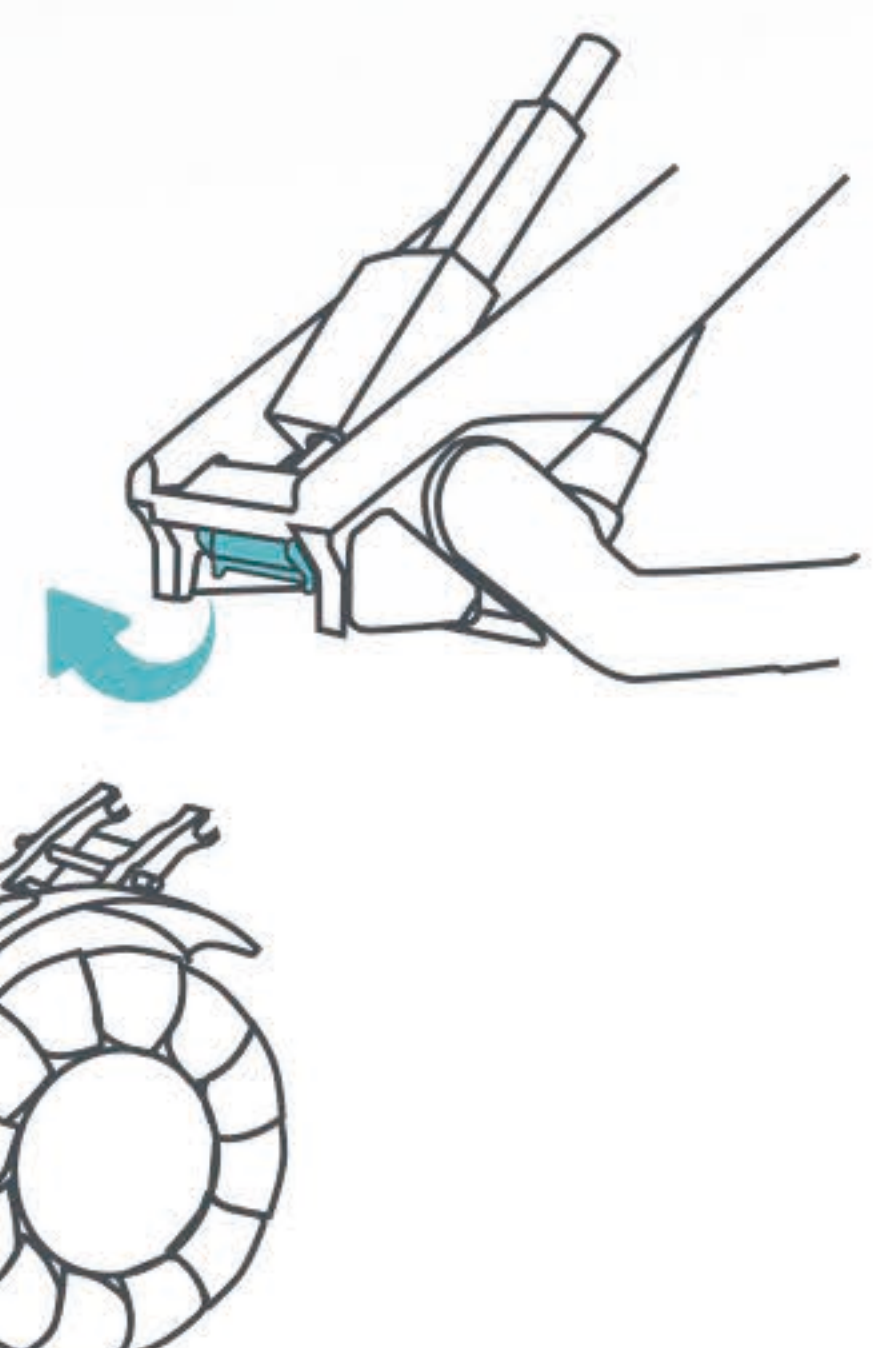
Its patented Mecanum wheel design supports omnidirectional obstacle crossing and lateral movement, enabling adaptation to various complex road conditions and flexible turning in narrow spaces.


780 mm
Minimum Turning Radius



Mecanum Wheel Pedal

Quick-release
Structure



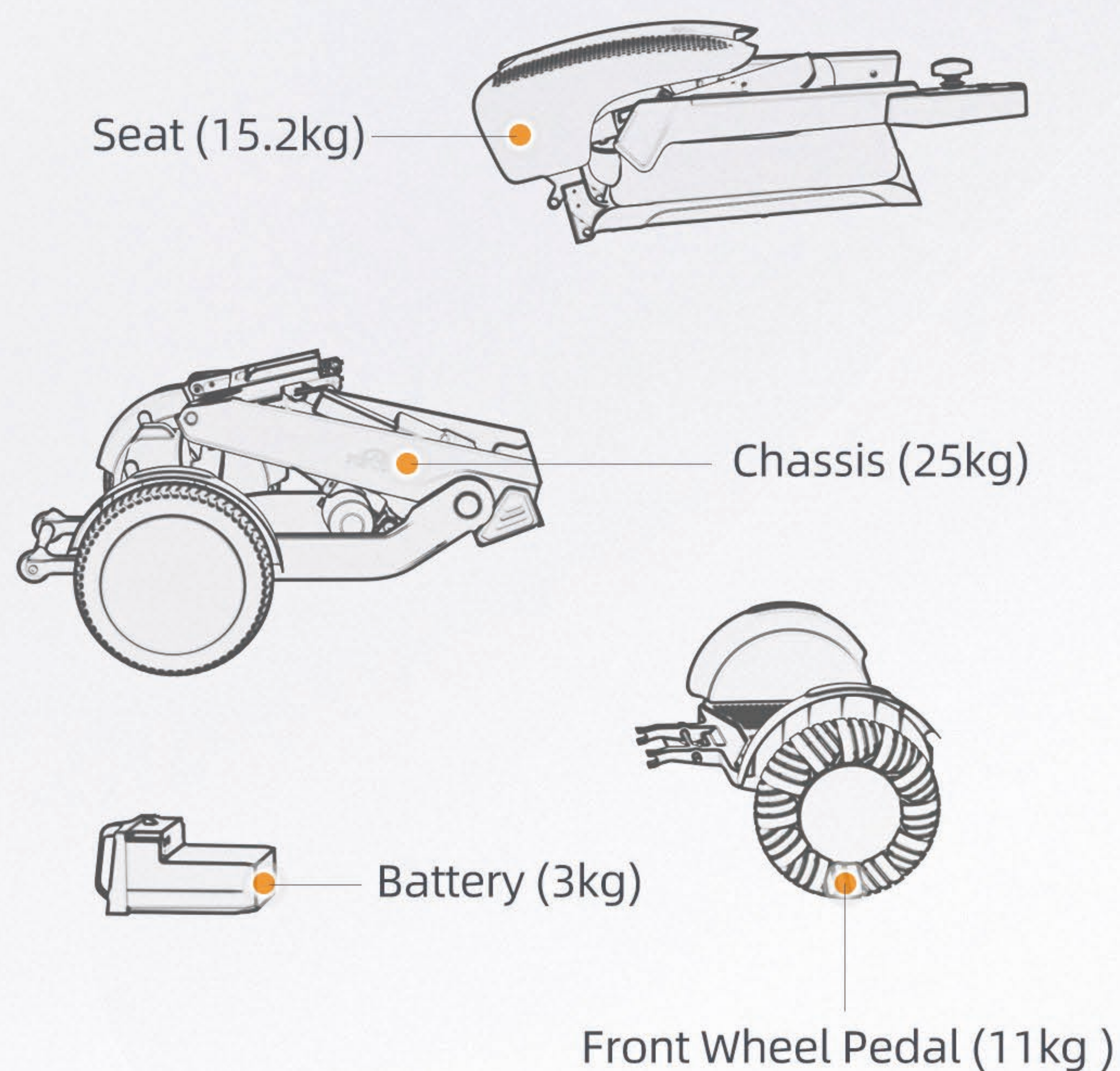
All-directional obstacle crossing, horizontal movement.



Foldable and Detachable

■ Modular Design

Quick disassembly into four parts, easy to carry into car trunk. No tools required, effortlessly disassemble and assemble.



■ Folding Design

The whole chair can be folded and unfolded by one key, with five-link design. The armrests and backrest can be folded, which occupies little space.

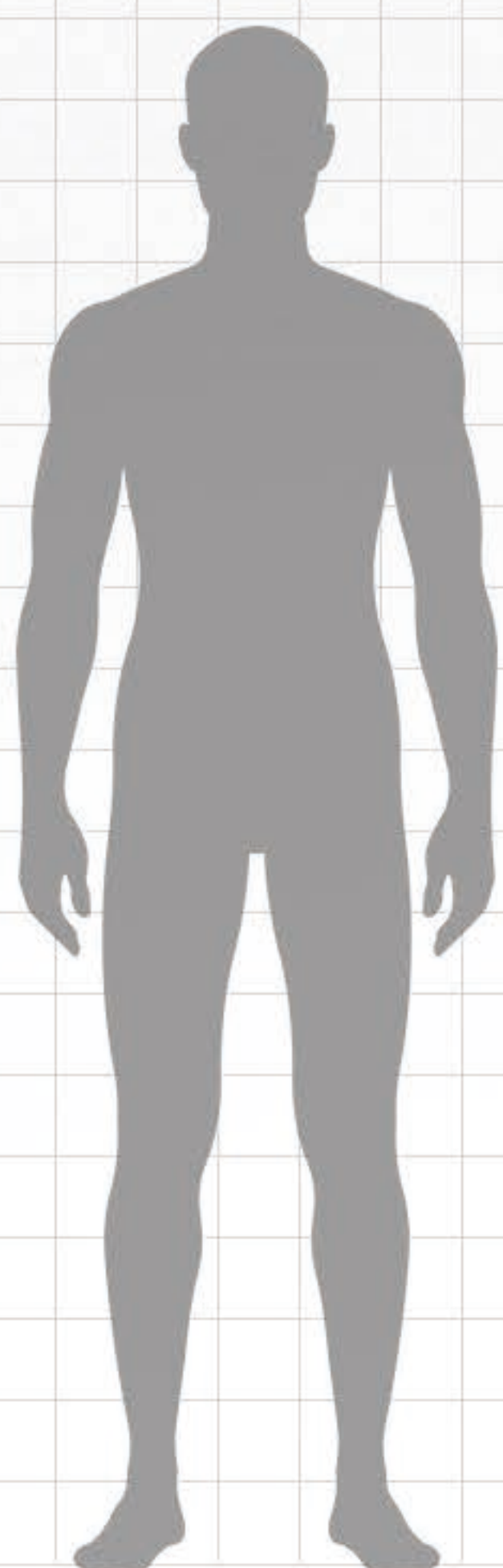
Unit (mm)

1800

1200

600

0





Product Specification

Model	M4
Maximum Load Capacity	150kg
Product Weight	51.2kg
Maximum Slope	15°
Minimum Turning Radius	780mm
Obstacle Height	50mm
Pit Width	150mm
Top Speed	6km/h
Endurance	17km
Maximum Seat Height	650mm
Minimum Seat Height	347mm
Front Wheel	Mecanum Wheel
Battery Specification	25.55V 15.5Ah (Standard) 24V 10.4AH (Optional)

Protection Class	IPX4
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Folded Size (L x W x H)1040*580*570mm

570

1040

580

Unfolding Size (L x W x H)1035*580*930mm

930

1035

580

Maximum Size (L x W x H)980*580*1080mm

1080

980

580

Optional Colors

Magic Black

Superior Purple

Burgundy Red

Blue Enamel

Pearl White

Barbie Pink

Tiffany Blue

Sparkling Yellow

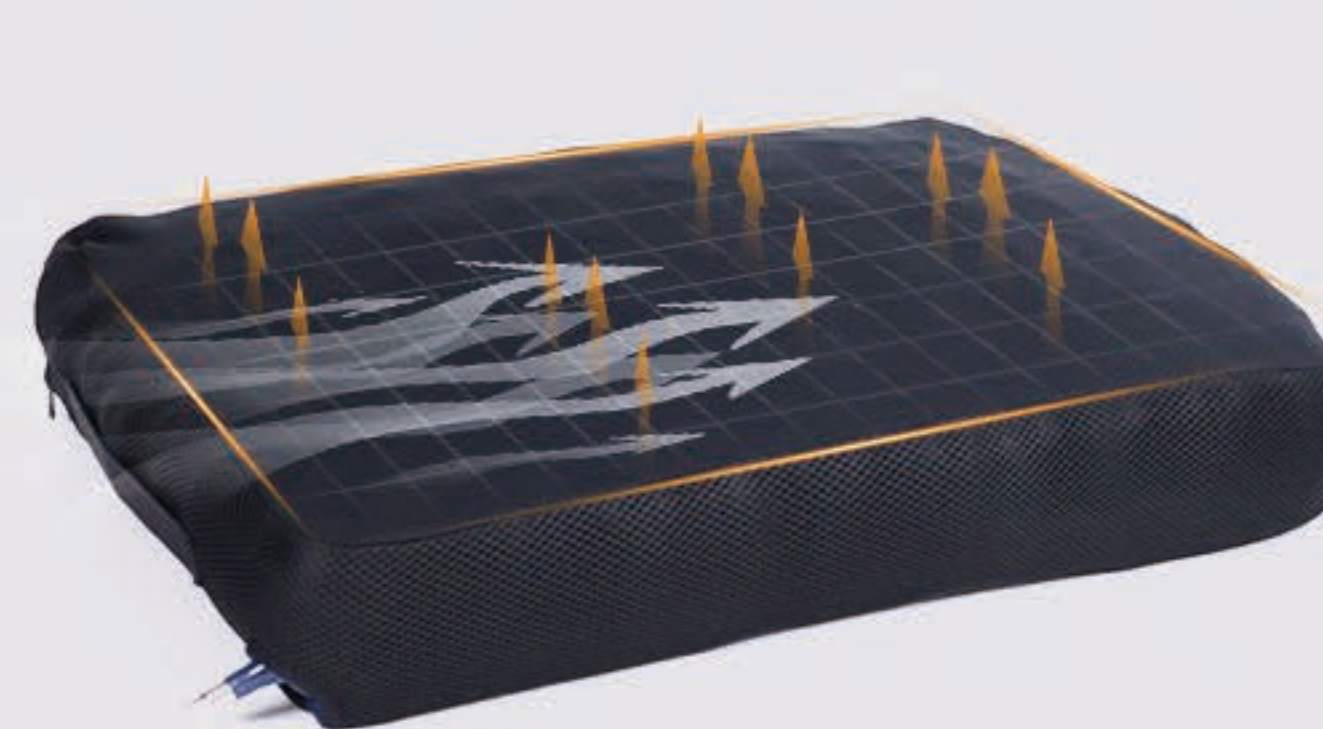


Optional Accessories



Phone Holder

Higher
Backrest
with Headrest



Inflatable Cushion



Ventilation Cushion



Side Bag

Flashlight Set



Umbrella Set



Battery



·If it is necessary to carry batteries on board,
please comply with the transportation requirements of the airline.



Scenarios



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M4 Video

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