

Specification



Capability

Lawn Size	Max. Climbing Ability
1500m ²	80%
Battery Capacity	Motor Power
6.1Ah	88W

Navigation&Safety

Navigation System	Max Laser Range
3D LiDAR+Vision	30m(10%), 75m(80%)
Point Cloud Density	Obstacle Avoidance
200,000 per second	3D LiDAR+Vision+Bumper

Cutting System

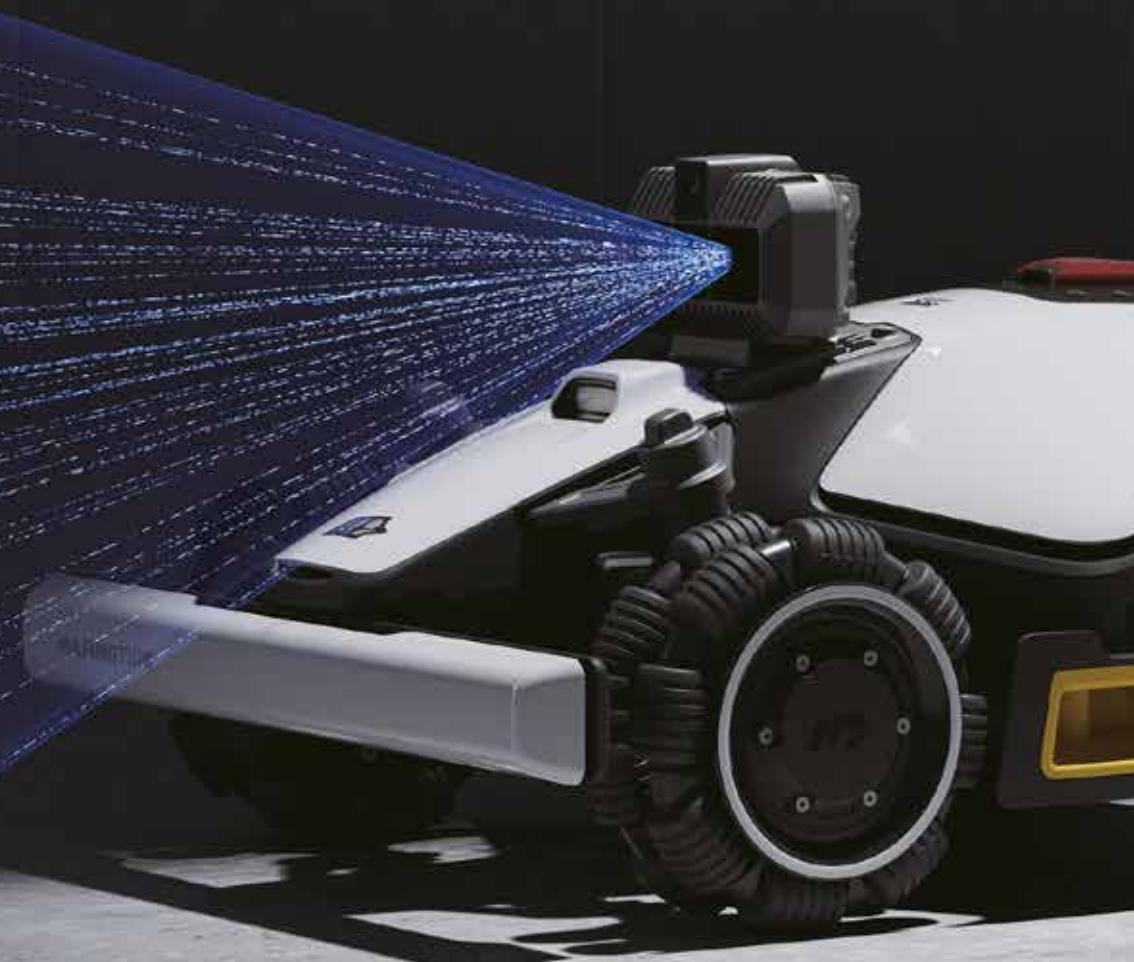
Cutting Width	Flexible Cutting Height
200mm	20-65mm
Cutting System	

Others

Connectivity	Waterproof
Bluetooth & Wifi & 4G	IPX6

LUBA mini AWD LiDAR

Master Every Corner, Even In Complex Lawns



Conquer Slopes Up to 80%

Combining intelligence with precision, its all-wheel drive powers through tough terrain—ensuring it never gets stuck, even in your garden's trickiest corners.



Centimeter-Level Precise Positioning

With 144-beam LiDAR producing up to 200,000 points per second, LUBA creates a real-time 3D lawn map for centimeter-level positioning—even under trees or trampolines.



See Far, React Fast

With a detection range of up to 30 meters, the LiDAR-enhanced Vision system enables faster and more accurate recognition of obstacles – including small hedgehogs or moving pets.



LUBA mini AWD LiDAR



Capability

Lawn Size

1500m²

Max. Climbing Ability

80%

Battery Capacity

6.1Ah

Motor Power

88W

Multi-zone Management

20

Cutting Height

20-65mm

Navigation & Safety

Navigation System

3D LiDAR-Vision

Max Laser Range

30m(10%), 75m(80%)

Point Cloud Density

200,000 per second

Obstacle Avoidance

3D LiDAR+Vision+Bumper

Why Choose LiDAR?

The LUBA Mini LiDAR uses advanced sensors to map your lawn in detail, so it can easily handle hills, rough ground, and tricky spots. It's perfect for shaded or obstacle-filled lawns, working reliably even under trees or near garden furniture. Its LiDAR technology creates a real-time 3D map of your lawn, allowing precise zone setup and accurate mowing without boundary wires.

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See Far, React Fast

With a detection range of up to 30 meters, the LiDAR-enhanced Vision system enables faster and more accurate recognition of obstacles including small hedgehogs or moving pets.

