

Specification



Capability

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

Multi-zone Management
20

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

Cutting System

Cutting Width 200mm	Flexible Cutting Height 20-65mm
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Cutting System
6 pivoting razor blades

Others

Connectivity Bluetooth & Wifi & 4G	Waterproof IPX6
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www.mammotion.com



LUBA mini AWD LiDAR

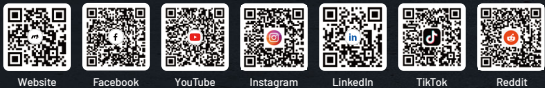
Perimeter Wire Free Robot Lawn Mower
Sunday Funday, Not Mowday



Contact us

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World's First Solid-State LiDAR Robot Lawn Mower

Thanks to cutting-edge 3D LiDAR and vision fusion technology, no boundary wires to bury, no signal issue. Skip hours of complex installations. Your lawn care starts in minutes. Built with triple the durability, it ensures a smooth, reliable mowing experience from day one.



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.



Conquer Slopes Up to 80%

While combining intelligence and precision, its all-wheel-drive system still delivers powerful off-road and climbing capabilities—ensuring it never gets stuck, even in the toughest corners of your garden.

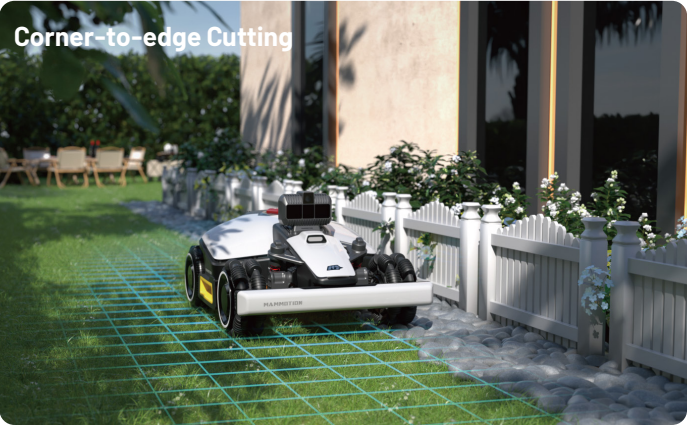


Centimeter-Level Precise Positioning

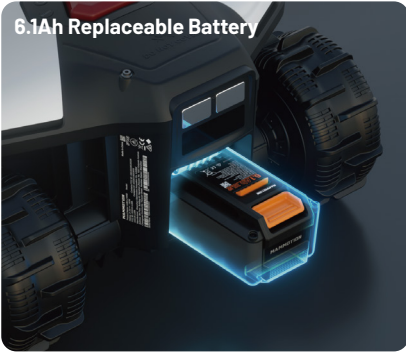
With 144-beam LiDAR generating up to 200,000 points per second, LUBA builds a detailed 3D map of your lawn in real time. This enables centimeter-level positioning—even in complex or signal-blocked environments like under trees or trampolines.



Corner-to-edge Cutting



6.1Ah Replaceable Battery



88W Cutting Motor



IPX6 Waterproof



Flexible Cutting Height

20-65mm



20 Mowing Zones Management



3D Lawn Printing



200mm Cutting Width

200 mm

