



BLADEMATE



BladeMate **AI** Mower

More Accurate Navigation and Detection of Objects by AI

Hands-free Robotic Mower

3-step quick start

Unbox, installation, push the button, that is all.

No boundary cable, no manual mapping, only perfect lawn.



No Perimeter Cable



Straight Lines
with Path Planning



Automatic-Mapping



Obstacles Avoidance



Multi-zone Management



Cut-to-Edge



Smart APP



IPX6 Waterproof



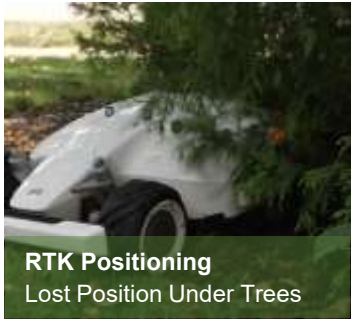
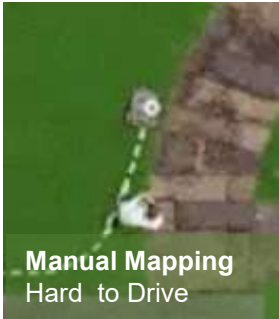
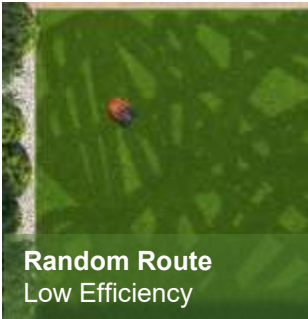
50% Slope

Mower market size has accounted for 1/3 of the global OPE market, and China's mower exports are growing rapidly with a high growth rate of 20%

According to Statista, the global OPE (outdoor Power Equipment) market size reached approximately USD 33.56 billion in 2022 and is expected to grow at a CAGR 5.6% to reach USD 44.07 billion from 2022 to 2027. Among them, lawnmowers dominate the OPE market. With the rapid development of lithium technology and the acceleration of lithium penetration, the CAGR of lithium OPE is expected to reach 9% from 2020 to 2025, far exceeding other OPE.



The Europe and North America region is the key sales market for the OPE, accounting for more than 85% of the global market. These two regions are attracting attention due to their mature consumer groups, extensive outdoor spaces, and demand for high-quality outdoor power equipment. According to Chinese customs statistics, in 2022, China's exports of lawn mowers reached 3.89 billion US dollars, with a five-year CAGR of 20%. The main export destinations are the United States, Germany, France, the United Kingdom and other countries.

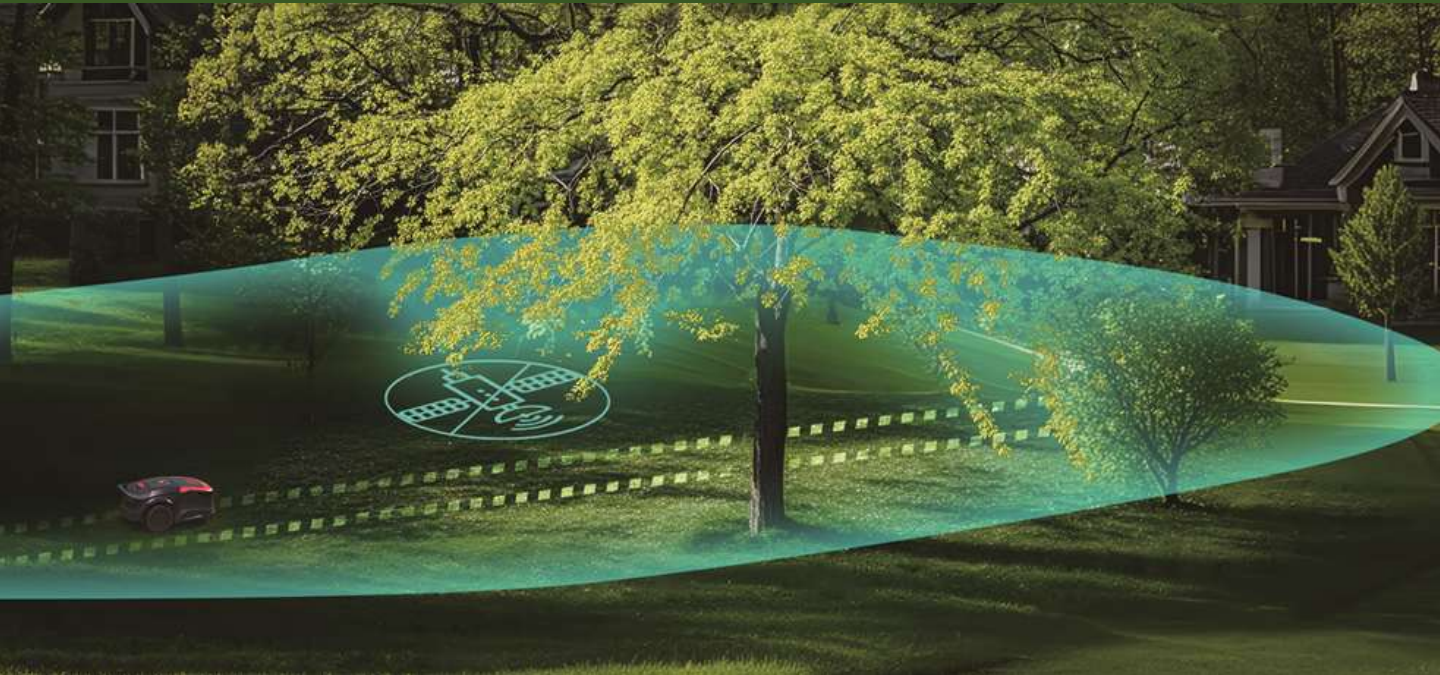


NRTK Positioning and 3D Vision Technology



Utilizing Starlink-enhanced network positioning and 3D visual fusion localization technology, it achieves seamless coverage and precise positioning even in complex terrains such as urban areas, wooded zones, and mountainous regions. With signal reliability unaffected by obstructions, every inch of the lawn—whether in the front yard or backyard—is accurately mapped, ensuring efficient and consistent mowing performance.

Unmatched Adaptation to Your Lawn



Featuring an advanced positioning system that integrates Starlink-enhanced network position capabilities with 3D vision technology, it operates independently without the need for RTK base stations. Ready to use immediately upon activation, the BladeMate S1 offers a simple and highly efficient user experience. It can rapidly scan and map the entire yard, creating a virtual lawn layout with centimeter-level precision, all without requiring any fixed base stations or buried boundary wires.

Set Virtual Boundary Automatically

With our robotic mower, you'll never need to install the perimeter wire. It uses Starlink-enhanced network positioning data, get work in challenging environment, such as under trees, near walls. It's 100% wire-free. Benefit from the camera sensor and the AI algorithm, allowing the mower to detect border of lawn, set virtual boundary automatically with click one button.

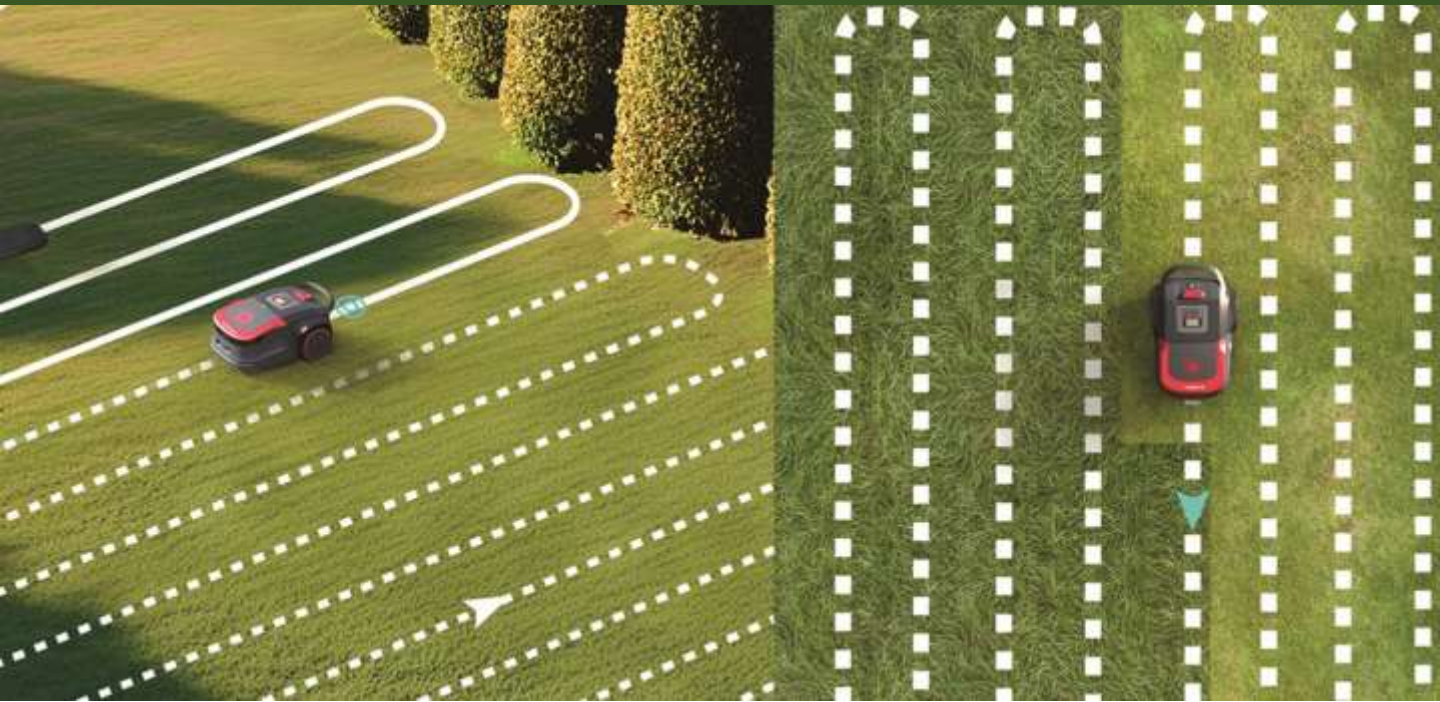
Intelligent Path Planning

Find a better route to a greener lawn. The mower can calculate the quickest route to cut your lawn, saving time and energy.



Neat Paths, Perfect Lawn, Seamless Pause and Resume

The robotic mower intelligently adapts to the shape of your lawn for efficient, orderly path planning. It mows in a systematic back-and-forth pattern to save both time and energy. When battery runs low or rain is detected during operation, it automatically returns to the charging dock. Once recharged or weather conditions improve, the mower resumes precisely from where it left off, ensuring complete and uninterrupted lawn coverage every time.



Powered By AI Camera

AI Obstacles Avoidance

The robotic mower advanced 3D Vision and AI technology works like human eyes, detects, identifies, and avoids obstacles in real time. It dynamically adjusts paths based on object size and location, ensuring safe and seamless mowing for every corner of your lawn.



AI Border Recognition

The robotic mower will identify boundaries of yard with AI camera. It knows where is grass, and where is boundary not to cross.



Yard Security

The camera capture real-time yard videos to provide all-around protection. Disabled by default.

One For Your All Yard



The charging station usually install in back yard, this is the main area. Make a secondary area for front yard if back yard and front yard are not connected with a passage. Use secondary area operating mode to cut secondary area. You just take the product manually between the main area and the secondary area. The mower cuts front yard until it finishes the work or the battery is empty. Only one mower for your back and front yard.

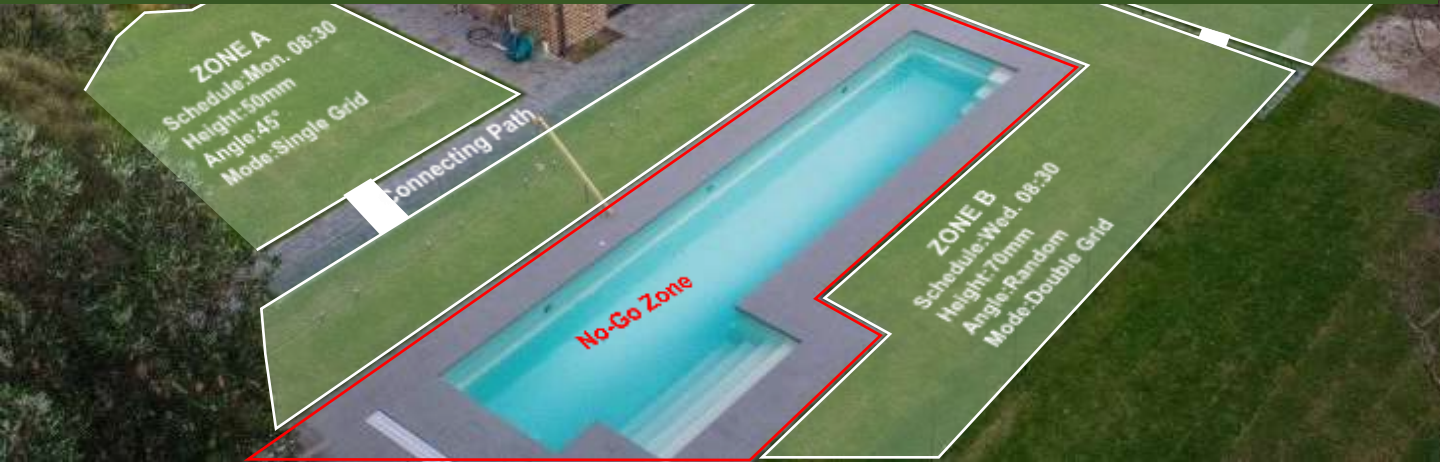
Random Exit Angle

If you don't like mowing stripe and want your lawn to be even like a blanket, you should use random exit angle.



Multi-zone Management

If your lawn divided into several zones, just create and set mowing tasks for separate mowing areas and add connecting paths in the smart app. No-Go Zones mean you can protect certain areas of your lawn, like a vegetable patch or a swimming pool.



IPX6 Waterproof for Easier Clean

The entire body is rated at IPX6 waterproofing. It means not only can it handle wet grass or some light rain, but you can clean the mud off the tires and clippings off the mower with a simple hose down.



Intelligent Rain Sensor

The advanced rain sensor enables mower to interact intelligently with its environment, when it's raining, the mower will automatically go back to the charging station and adjusts its schedule accordingly. With real-time weather adaptation, we will protect your lawn from damage. The rain sensor can be disabled for your need.



Manual Setting Easier For The Old

You can mapping your lawn with one button on the mower if there isn't multi-zone of the lawn, and then setup mowing schedule and cutting height by the control panel, a perfect, healthy lawn for you.



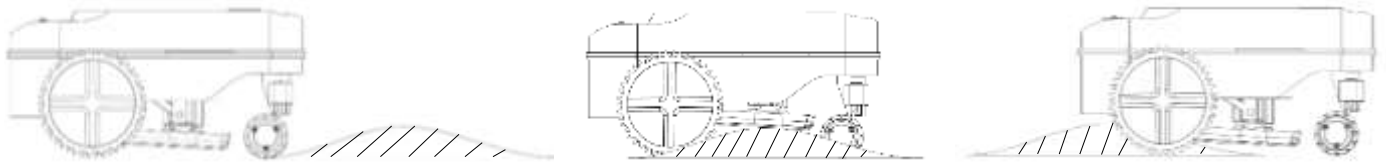
APP and Amazon Alexa

Almost every function could be made by the mower directly. If you want operate everything at home, office, etc. use the app. Enjoy other upcoming features and performance improvements with the OTA update in the app. When connected to Amazon Alexa, it makes the mower a natural and fully integrated part of your home automation system, and control it by voice commands.

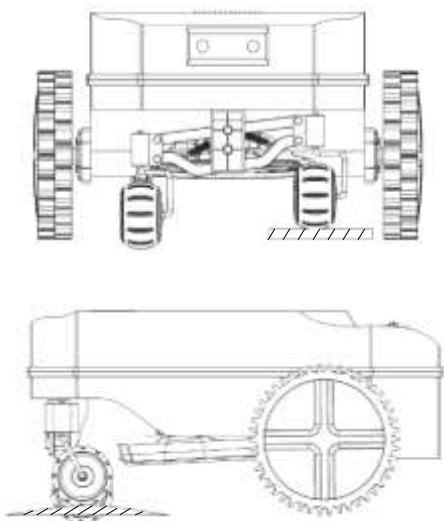




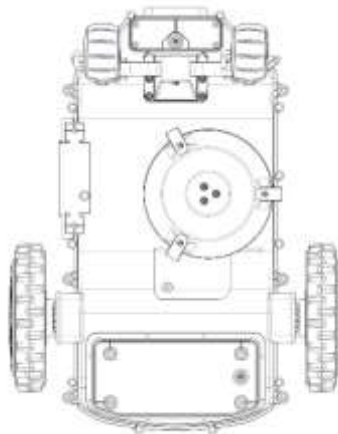
Featured Structural Design



Floating cutting system automatically adjusts the blade's height to match the natural unevenness found in most lawns. It can protect your turf and blades.



Floating front wheel component design to improve its passability.



The special offset blade gets as close as possible to the border of your lawn, leaving you little or no trimming to do.



Integrated design of charging piles makes the garden more beautiful

Function introduction and quotation			
产品型号参数	S1200n	S2000	A800n
适用面积（㎡）	< 1200	< 2000	< 800
电池容量 (Ah)	10	15	8
产品尺寸 (mm)	665×450×285		553*392*346
额定电压 (V)	21.6		20
快插电池包	不支持		支持
切割高度 (mm)	30-70		30-70
切割宽度 (mm)	210		180
噪音水平 (dB)	≤58		≤58
最大坡度能力	45%		0.45
防护等级	IPX6		IPX6
定位方式	双目视觉 + NRTK Positioning		双目视觉 + NRTK Positioning
AI 避障功能	支持		支持
避障分辨率	2cm		2cm
避障成功率	≥95%		≥95%
自动充电功能	支持		支持
AI 边界识别	支持		支持
禁割区域设置	支持		支持
断点续割	支持		支持
智能切割路径	支持		支持
路径规划精度	3cm		3cm
智能脱困功能	支持		支持
多区域管理	支持		支持
雨水传感器	支持		支持
浮动切割系统	支持		支持
电动调节切割高度	支持		不支持
RTK 基准站	无		无
次级区域作业	支持		支持
智能 APP 控制	支持		支持
庭院监控功能	支持		支持
异形切割功能	支持		支持
4G GPS 定位追踪	支持		支持
网络	BT + WIFI+4G	BT + WIFI+4G	BT + WIFI+4G
升级方式	OTA 在线升级		OTA在线升级
MOQ	3000		3000
FOB（\$）	550	600	500
备注	报价不含网络RTK年费10美元/年，4G网络费10美元/年（25年基准）。		

Competitive Analysis

•Sunseeker

- X3 Wireless Robot Lawn Mower \$1322
- X7 Wireless Robot Lawn Mower \$2699



Sunseeker X3 Plus Robot Lawn Mower no Wire,0.3 Acre/13,000 Sq. Ft,Smart APP Control, AI & RTK Navigation, 6 Muti-Zone, Path Planning, for Small/Medium Yards

Visit the SUNSEEKER Store

4.1 ★★★★★ (52)

-17% \$1,322⁹⁹

List Price: \$1,599.99

\$528.61 Shipping & Import Charges to Germany Details

Style: Sunseeker X3 Plus

Sunseeker X3 Plus	Sunseeker X7
\$1,322.99	\$2,699.00

Brand	SUNSEEKER
Power Source	Battery Powered
Material	Plastic

•Mammotion

- LUBA mini 1500H \$1649



Mammotion LUBA mini AWD 1500H Robot Lawn Mower with Garage, Mowing 0.37 Acre, All-Wheel-Drive for 80% Slope, UltraSense AI Vision+RTK Auto-Mapping, Cutting Height 2.2"-4.0"

Visit the Mammotion Store

4.6 ★★★★★ (422)

This item cannot be shipped to your selected delivery location. Please choose a different delivery location.

Size: LUBA mini AWD 1500H+Blades

Mows up to 0.2 Acre	LUBA mini AWD...	LUBA mini AWD 1500	LUBA mini AWD...
1 option from \$1,249.00	1 option from \$1,349.00	2 options from \$1,649.00	1 option from \$1,649.00

Brand	Mammotion
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•Mammotion

- YUKA 2000 \$1349



Mammotion YUKA 2000 Robot Lawn Mower with 4G, Reception 0.5 Acre,Max. 0.7 Acre, Ultrasense AI Vision & RTK, Auto Mapping & App Control,45% Slope,Wireless Perimeter,Dual Cutting Discs, 20 Mowing Zones

4.1 ★★★★★ (376)

Carbon impact

See options

No featured offers available
\$1,349.00 (2 new offers)

Competitive Analysis

- Dreame
- robotic mower A1 A2 \$2099美金



dreame Robotic Lawn Mower A1, Automatic Lawn Mower ...
★★★★☆ 20 ratings
No featured offers available

1 option

New
\$2,099.00

FREE delivery Thursday, December 11

Amazon.com
Dreame International (HongKong) Limited
★★★★★ (64 ratings)
95% positive over last 12 months

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- ECOVACS
- Goat A2500 \$1734美金

amazon

Delivering to Los Angeles 90000

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eureka Easy. Clean. Done.

Eureka E20 Plus Robot Vacuum and Mop Comb...
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List: \$449.99
prime

Eureka J15 Ultra Self Emptying Robot Vacuu...
4.5 ★★★★★ (623)
\$699.99
prime

Eureka J15 Evo Ultra Self-Emptying Robot Vacua...
4.5 ★★★★★ (56)
\$570.99
List: \$699.99
prime

Results

Check each product page for other buying options. Price and other details may vary based on product size and color.

ECOVACS
Goat A2500 RTK Robot Lawn Mower, Lidar-Enhanced RTK+Vision Navigation, Auto-Mapping, Dual Blades, Edge Precision Mowing, Perimeter Wire-Free, Suitable for 5/8 Ac...
4.4 ★★★★★ (168)
\$1,734.51

- Segway
- Goat A2500 \$1734美金



Segway Navimow H1500N-VF Robot Lawn Mower Perimet...
★★★★★ 97 ratings
No featured offers available

1 option

New
\$1,599.00

FREE delivery Thursday, December 11

Amazon.com
Navimow Store US
★★★★★ (49 ratings)
100% positive over last 12 months

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