

TERRAMOW

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TERRAMOW

2025 New Launches

Smart AI, Perfect Lawn V Series Robot Lawn Mower



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About TerraMow

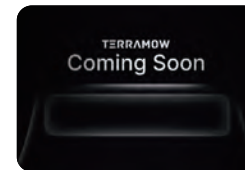
We are a team of engineers, AI experts, and innovators dedicated to simplifying cutting-edge technology. By blending AI with human-centric design, we create intuitive robotic solutions that handle lawn care and daily tasks effortlessly – no learning required.

Technology isn't about the flash—it's about trust. That's why our robots are built to be reliable, easy to use, and seamlessly integrated into your life. At TerraMow, we're reimagining how AI can bring convenience, precision, and joy to every home. We make technology that works, so life just flows.



June 2019

The company was founded by a group of experts in AI vision.



March 2021

TerraMow project was born with a vision to make lawn care smarter, greener, and completely effortless.



June 2024

After 3 years of refinement and rigorous testing, we launched the S Series on the Kickstarter, the world's first AI vision robotic mower is warmly loved by users.



March 2025

The TerraMow S Series was available for Spring Sale and sold out quickly.

TerraVision™ 2.0 Navigation System

Automotive-Grade AI Vision System

TerraVision™ Navigation System, the core of TerraMow, is a Innovative all-in-one vision solution designed to redefine the standards of intelligent lawn care.

- As an automotive-grade triple-camera system (originally designed for autonomous driving), TerraVision integrates:



- No need for RTK antennas and boundary wires, this advanced vision technology delivers:



True AI
Auto-Mapping



Real-Time 3D
Obstacle Avoidance



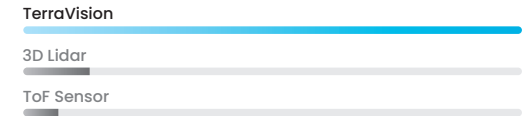
Pinpoint
Self-Positioning

Why TerraVision™ Outshines?

19,660,800

3D Points/Second

Compared to 3D Lidar & ToF Sensor



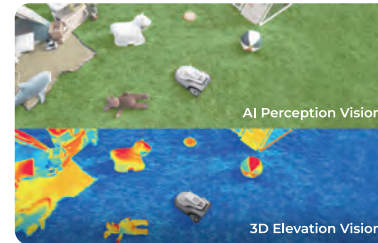
The Most Powerful 3D Perception

TerraVision delivers much higher point density and more detailed data than Lidar or ToF, detecting tiny obstacles (10x10x5 cm) with centimeter-level accuracy.



Pixel-Perfect AI Semantic Perception

With high-resolution imaging (1920x1280) and AI analysis, TerraMow robot creates pixel-level lawn maps, ensuring precise navigation and superior obstacle detection.



Hybrid Vision Fusion

Combining 3D perception and AI-powered visual technology, TerraMow explores your lawn autonomously, efficiently, and with precision. Smart lawn care without manual effort comes true.



Biomimetic Neural Vision Positioning

Inspired by human navigation, TerraMow identifies landmarks like leaves or lights for real-time positioning, adapting effortlessly to lawn changes.

Discover Main Highlights

5 Mins



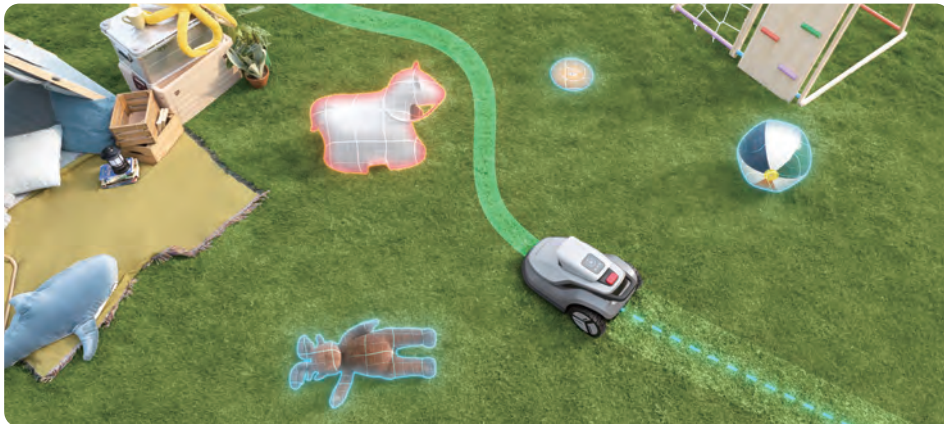
5-Minute Effortless Setup

No need for perimeter wires and RTK antennas, TerraMow robotic lawn mower is driven by advanced AI vision technology. You can easily start lawn care in minutes without complex preparation or professional help.



True AI Auto Mapping

During its first auto-mapping, the TerraMow robot delivers a pixel-level precision map while capturing 3D terrain models of your garden. It also updates the map after each mowing task to adapt to any changes.



Centimeter-Level Obstacle Avoidance

No more guesswork, the robot sees and responds to its surroundings instantly. Whether it's a forgotten toy, a curious pet, or fallen branches, rest assured, the robot lawn mower can expertly handle any unexpected challenges.



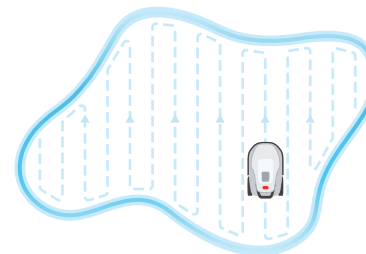
Master Any Complex Gardens

Tired of robots that struggle with tricky landscapes? TerraMow's AI-powered vision system has no fear of complexity. No signal dropouts, no bulky antennas, no half-finished jobs—just flawless mowing, no matter how wild your garden gets.



Edge-to-Edge Perfection

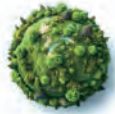
Under flat terrain conditions, our robot mower's ride-on edge cutting glides along boundaries to deliver crisp, clean edges every time. With adjustable cutting distance ($\pm 15\text{cm}$) in the app, every inch of your lawn gets the royal treatment.



Instant Mowing Anywhere

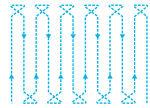
TerraMow's dedicated Spot Mode lets you mow instantly anywhere without a base station required. With a simple button press, you can do a quick trim for your driveway strip or a neighbor's patch.

Green Tech for Greener Lawns



Emission-Free, Energy Saving

With an ultra-low consumption of 0.09855kw/H, our robot trims 2,000 m² weekly for just about 0.5€ in energy costs.



Unique Fish-Tailed Turning

Our unique path design evenly distributes weight, reducing turf stress compaction by 40% (vs. U-path models).



Clean Cutting, No Tear

SK5 high-carbon blades slice cleanly to prevent ragged grass wounds that attract disease for a healthier lawn.

<54dB



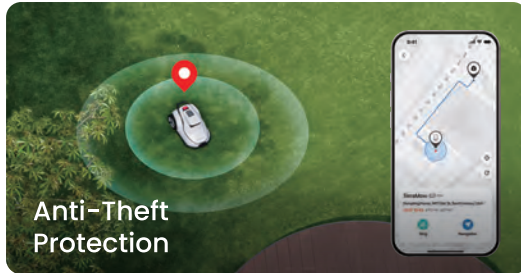
Whisper Noise Level

The whisper-level operation keeps your garden calm, your neighbors happy, and wildlife undisturbed.

Easy Mowing, Easy Life



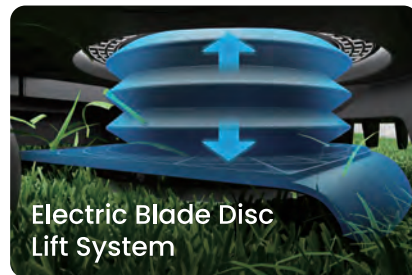
IPX6 Waterproof, Easy to Clean



Anti-Theft Protection



Smart Task Recovery



Electric Blade Disc Lift System

All-in-One APP, All You Need

Take full control of your TerraMow robots with the dedicated app.



Zone Management



No-Go Zone Setup



Multi-Zone Pathway



Zone Customization

Mowing Settings



Cutting Height



Edge Cutting Distance



Mowing Mode



Moving Speed



Mowing Path Distance



Mowing Direction

More Features



Pixel Maps



Mowing Schedule



Anti-Theft Protection



Live Camera



Share Devices



OTA Updates

Product Specification



Models	V600	V1000
Color	White	Grey
Recommended Mowing Area	600 m ² (0.15 Acre)	1000 m ² (0.25 Acre)
Mowing Area Per Hour	100-150 m ²	100-150 m ²
Mowing Area Per Charge	200-300 m ²	250-375 m ²
Cutting Height	25-75 mm(1-3 in)	25-75 mm(1-3 in)
Cutting Width	203 mm(8 in)	203 mm(8 in)
AI Navigation System	TerraVision™ 2.0	TerraVision™ 2.0
Network Connectivity	Wi-Fi / Cellular	Wi-Fi / Cellular
AI Obstacle Avoidance	YES	YES
Electric Blade Disc Lift System	YES	YES
Rain Detection	YES	YES
Auto Recharging	YES	YES
OTA (Over-The-Air) Update	YES	YES
Capacity of Battery	3.8 Ah/84.36 Wh	4.5 Ah/98.55 Wh
Charging Time	100 min	120 min
Mowing Duration on A Full Charge	120 min	150 min
Waterproof IP Rating	IPX6	IPX6
Noise Level	<54 dB	<54 dB
Recommended Operating Temperature	0-50°C (32-131°F)	0-55°C (32-131°F)
Maximum Operating Slope	18°(32.5%)	18°(32.5%)
Working Voltage	24V DC	24V DC
Robot Weight	11.8 kg / 26.01 lbs	11.8 kg / 26.01 lbs
Robot Dimensions (cm)	60.2*39.4*33.1 cm	60.2*39.4*33.1 cm

What's in the Box?

01



Robot Lawn Mower x1

02



Base Station (Free) x1

03



Power Adapter x1

04



Blade Kit (9 pcs) x1

05



Base Station Screw Kit x1

06



Quick Guide & User Manual x1

Accessories

*Sold separately

Base Station

Dedicated charging dock with garage.

Package Size
850x530x440mm



Battery

Quick-swap lithium battery for replacement.

Package Size
205x184x74mm



Power Adapter

Charging cable with plug.

Package Size
235x125x54mm



Extension Cable

10-meter extensive cable for base station.

Package Size
300x150x50mm



Blade Disc

Cutting disc designed for S and V Series.

Package Size
203x195x29mm



3 Sets of Blade

Premium SK5 steel replacement blade kit.

Package Size
197x163x30mm



x3