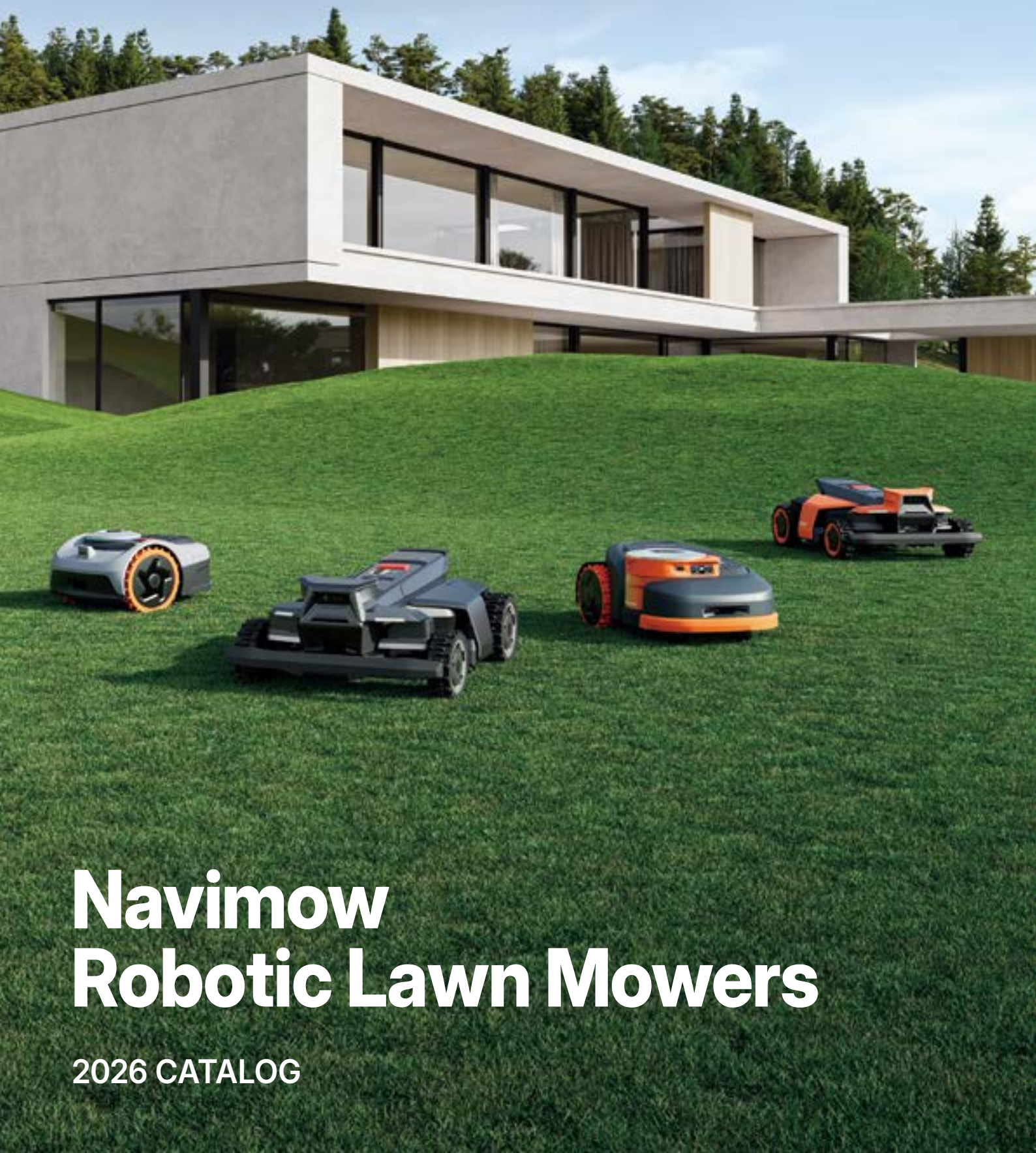




# Navimow Robotic Lawn Mowers

2026 CATALOG

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## About Navimow

40+

Countries Sold

400+

Patents

400000+

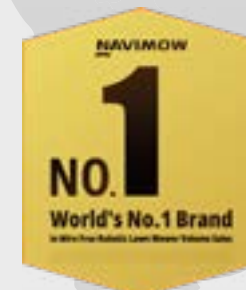
Households

4000+

Stores

100+

Awards



### 2021 Navimow is founded

Segway-Ninebot integrated teams and resources of its Home Service Robotics Division and the AI & Robotics Technology Research Institute to establish the subsidiary Navimow.

### 2022 Launched 1st product – H Series

Made a groundbreaking leap in innovation by integrating RTK into a robotic lawn mower.

### 2024 i Series – 2nd generation product released

Navimow released the i Series, designed for smaller lawns. Equipped with the 140° wide-angle camera and AI algorithm, VisionFence™ intelligently recognizes a variety of obstacles.

### 2025 Unveiled X3 Series at CES

Engineered to handle extensive greens with unmatched efficiency, featuring upgraded, proprietary VisionFence™ and EFLS™ 3.0.

Trusted by Media,  
Proven by Performance



Navimow Residential Robotic Lawn Mower

NEW

**X4 Series**

X430 1 acre    X450 1.5 acres

NEW

**H2 Series**

H210 0.25 acre    H220 0.5 acre

NEW

**i2 AWD**

i206 AWD 0.15 acre    i210 AWD 0.25 acre

NEW

**i2 LiDAR**

i215 LiDAR 0.37 acre



**X3 Series**

X315 0.5 acre    X330 1 acre  
X350 1.5 acres    X390 2.5 acres



**i1 Series**

i105 0.125 acre    i110 0.25 acre

Navimow Commercial Robotic Lawn Mower

NEW

**Terranox Series**

CM120M1 3 acres    CM240M1 6 acres

# Seamless Hands-Free Setup One-Click Mowing Efficiency



**Antenna-Free Network RTK Positioning**  
Hassle-free deployment with antenna-free Network RTK access, eliminates a complex setup, guaranteeing consistent mowing performance in any weather, even the most challenging scenarios.

Available for all X Series, H2 Series, i2 AWD models



**EFLS™ LiDAR+ Positioning System**  
Navimow redefines positioning through a deeply integrated system that fuses LiDAR's spatial awareness and Network RTK's satellite precision with vision providing enhanced assistance, ensuring exceptional stability.

Available for all H2 models



**New Powerful Xero-Turn™ AWD, Never Hurts Grass**  
Outstanding AWD conquers all terrain for stable climbing and obstacle navigation, while delivering a smooth mow that comparable to a zero-turn mower, all without damaging grass through slipping or scratching.

Available for all X4 Series, i2 AWD models

**Auto Mapping, Freeing Up Hands Entirely**  
Auto-recognizes boundaries and creates freehand virtual maps without manual perimeter walking.

Available for all X Series, i2 Series and H2 Series



**GeoSketch™: Real-Scene Map Editing**  
Transforms every lawn corner into a real interactive map right on your phone. Visualize, edit, and command your mower with unparalleled accuracy.

Available for all i2 LiDAR, X Series and H2 models



**Up to 120 Zones & No-Go Zone Management**  
Easily set virtual zones or no-go zones like pools and flower beds for precise mowing. Schedule customizable mowing routines for each map with ease.



**Quad-Layer Security System**  
GPS tracking, Geo-fence alarm, lifted alarm and Apple Find My are included. Even when powered off/offline, your mower can still be located.



**Integrated Intelligence for Your Yard**  
Start, stop, or schedule mowing sessions with voice control for a truly hands-free, next-gen experience.



# Navimow X4 Series

**Conquer Where Others Stop.  
Care Where Others Compromise.**

Ultimate AWD System with Zero-Turn, Dominating Every Surface with Perfection.



# Achieve All-Terrain Mastery, Never Sacrifice Turf

## All-Terrain Adapted Dual Suspension

Overcomes vertical obstacles up to 2.8 in

## Hyper-Strong Cutting Motors

Effortlessly handles the toughest grass

## Adaptive Dual-Disc Cutting System

Cutting width: 17 in  
Adjustable cutting height: 0.75-4 in  
12-Blade Dual Disc System

## Triple Camera System (Front/Left/Right)

Leading obstacle avoidance with 360° sensory field,  
enhanced EFLS™ NRTK positioning

## ToF Sensor

Provides a 0.3-6.6 ft 3D sensory range

## Safety Bumper

Collision protection

## Anti-Clogging Disc

Avoids excessive grass clipping build-up

## All-Wheel Drive System

X4's four-wheel hub motor provides industry-leading  
power and performance

# All-New Xero-Turn™ Technology

Power unmatched. Our new All-terrain adapted dual suspension system traverses obstacles up to 2.8 in and conquers slopes up to 84%.

## Master Every Slope, Obstacle, Surface

Handles all complex terrain, ensuring stability and performance no matter the layout.



Stone Paths



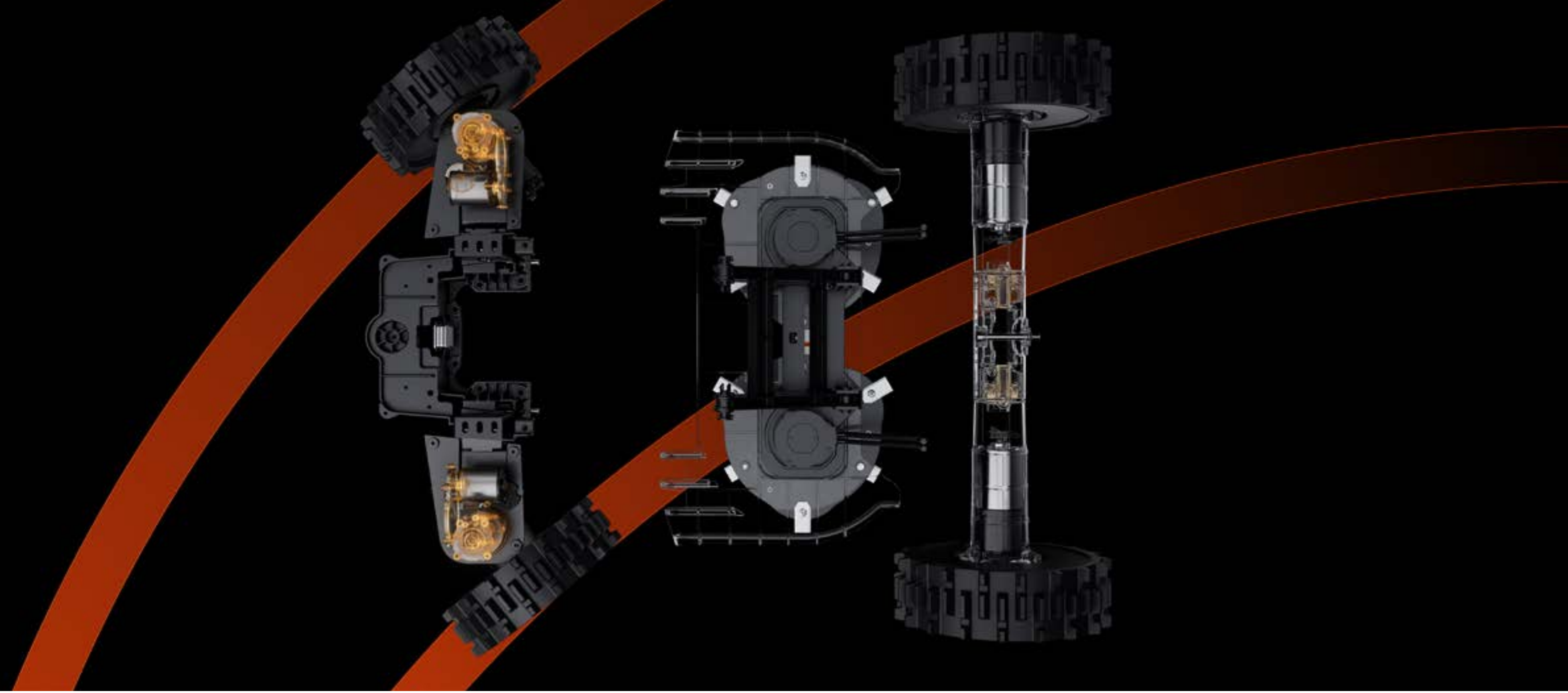
Border Curbs



Potholes



Gravel Paths



# Pioneering Zero-Turn Steering for Damage-Free Turf

Unlike other products that rely on brute force overlay for traversing—often damaging lawns—our **Xero-Turn™AWD** expertly balances hyper-powerful wheel surges with agile obstacle handling, ensuring a smooth movement equivalent to zero-turn mowers without harming grass.



Pioneering Application  
Front Wheel Zero-Turn Steering



Traction Control System (TCS)



Adaptive Blade System



## No Scraping

Switch between zero-turn and automotive-grade Ackermann steering, enabling flexible turning on any surfaces.



## No Slipping

Patented TSC Technology adjusts torque on low-adhesion surfaces like wet grass or soft grass in real time.



## No Grass Wearing

Dynamically responds to uneven and rough terrain, ensuring uniform cut performance and preventing grass scalping.



# Revolutionized MowMentum™

Powered by an ultra-efficient cutting technology - MowMentum™, the X4 Series delivers unmatched mowing performance across all grass types, from coarse to dense grass.

## Triple Efficiency



17 in Cutting Width



Up to 2.6 ft/s Walk Speed



224W Fast Charging



2×180W Cutting Motors

## Delicate Mowing for All Grass Types

Even the toughest lawns and edges

- 0.75-4 in Cutting Height
- Smart Cutting Algorithm
- EdgeSense™

## A Perfect Finish, Every Time



120 Zones & No-Go Zone Management



Maintain Yards of Maximum 1.5 acres



Zero-Distance Cutting



Cut-to-Edge Perfection



Tall Grass



Coarse



Dense Grass

Any Grass Type, Handled

# Hands-Free Setup, Real-Scene Mapping

# No Antenna Needed, One-Click Efficient Mowing

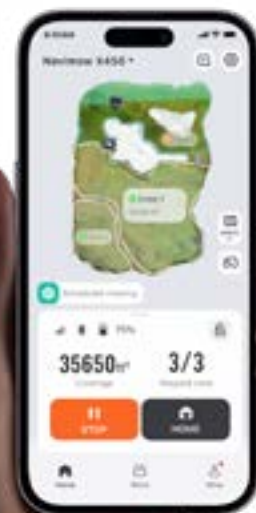
## Auto Mapping, Freeing Up Hands Entirely

Auto-recognizes boundaries and creates freehand virtual maps without requiring manual walking.

**No Antenna  
Needed**



Network RTK Access as Standard,  
No Extra Cost.



## Real-Scene Mapping, Real-Time Boundaries

Powered by **GeoSketch™** technology, provides a top-down real-scene map and visualized edge editing for intuitive revision.

## EFLS™ NRTK Positioning: Network RTK + 360° Vision + VIO

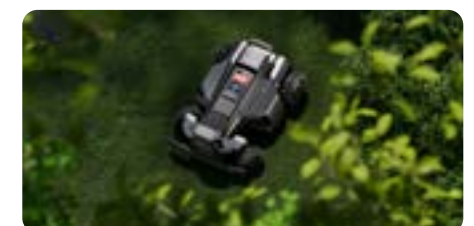
Upgraded triple-frequency Network RTK and 360° camera VSLAM and VIO technologies, ensuring sub-inch precision and stable positioning without signal loss in all complex scenarios.



Front & Back Yards



Narrow Paths



Under Trees

# AI-Powered 360° VisionFence™ for Panoramic Obstacle Avoidance

High-Sensitivity Detection and Smart Avoidance

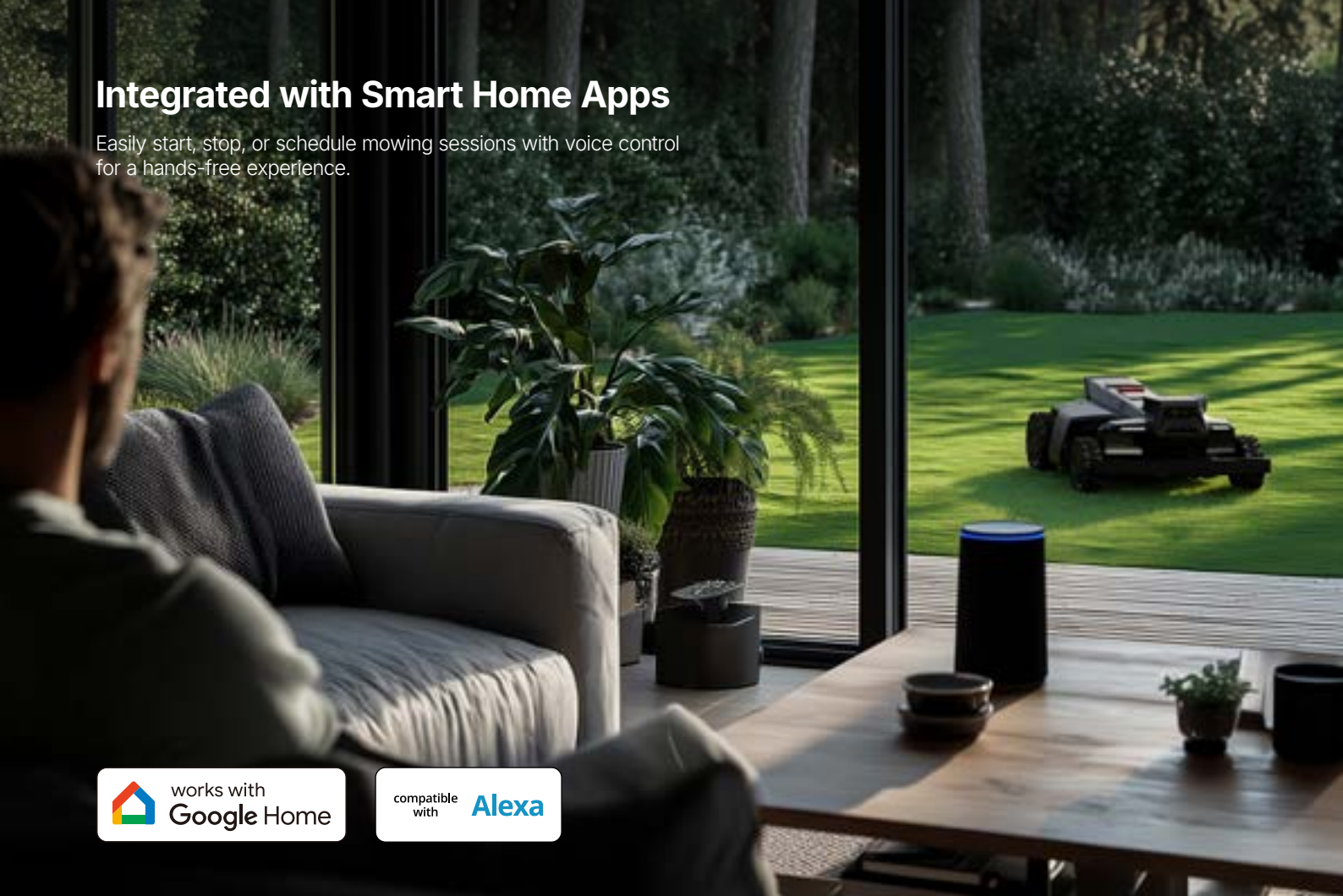


## 200+ Obstacles Recognized

- |               |        |             |        |       |         |              |        |                |           |
|---------------|--------|-------------|--------|-------|---------|--------------|--------|----------------|-----------|
|               |        |             |        |       |         |              |        |                |           |
| Ground Lights | People | Automobiles | Slides | Toys  | Goals   | Soccer Balls | Grills | Manhole Covers | Pavements |
|               |        |             |        |       |         |              |        |                |           |
| Cats          | Dogs   | Chickens    | Geese  | Sheep | Rabbits | Foxes        | Cows   | Squirrels      | Cylinders |

## Integrated with Smart Home Apps

Easily start, stop, or schedule mowing sessions with voice control for a hands-free experience.



## Redefining Mowing with Seamless Intelligence



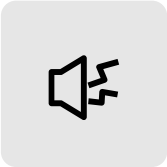
### IP66 Waterproof

Quick and easy to clean, supports flushing with a hose for quick maintenance.



### Full Weather Adaptability

Adapts and auto-adjusts mowing plan during extreme weather.



### Noise Level < 68 dB(A)

Operates with lower noise, only ever as loud as a conversation.



### Quad-Layer Security

Supports GPS tracking, Geo-Fence alarm, lifted alarm and Apple Find My, even when powered off/offline.



### OTA Updates

Seamless updates via the Navimow app, inclusive of new features.



### Personalized Lawn Graphics

Adds a creative flair with Doodle. Creates stunning designs that make your lawn stand out.



### 3-Year Warranty

A 3-year warranty gives you complete peace of mind.



### Rain Sensor

The built-in rain sensor detects rainfall, pauses mowing, and automatically returns the unit to its charging dock.

| Model                                     | X430                                      | X450                                      |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| Recommended Mowing Area                   | 1 acre                                    | 1.5 acres                                 |
| Time Required for Recommended Mowing Area | 15 Hours                                  | 23 Hours                                  |
| Dimensions                                | 33.5 × 24.0 × 13.8 in                     | 33.5 × 24.0 × 13.8 in                     |
| Net Weight                                | 63.71 lbs                                 | 63.71 lbs                                 |
| Locating System                           | EFLS™ NRTK (NRTK + 360° Vision + VIO)     | EFLS™ NRTK (NRTK + 360° Vision + VIO)     |
| Object Detection System                   | VisionFence™ (360° RGB Camera + ToF)      | VisionFence™ (360° RGB Camera + ToF)      |
| Driving Engine                            | 4WD with dual independent steering motors | 4WD with dual independent steering motors |
| Noise Level                               | 68 dB(A)                                  | 68 dB(A)                                  |
| Protection Level                          | IP66                                      | IP66                                      |
| Weather Adaptive                          | Weather Forecast + Rain Sensor            | Weather Forecast + Rain Sensor            |
| Maximum Slope Ability                     | 84% (40°)                                 | 84% (40°)                                 |
| Auto-Mapping                              | Yes                                       | Yes                                       |
| Auto-Recharge                             | Yes                                       | Yes                                       |
| Offset                                    | 2.8 in (5.9 in for gentle slopes)         | 2.8 in (5.9 in for gentle slopes)         |
| Multi-Zone Management                     | 120                                       | 120                                       |
| GeoSketch™                                | Yes                                       | Yes                                       |
| Battery Capacity                          | 12.8 Ah                                   | 12.8 Ah                                   |
| Charging Time                             | 90 min                                    | 90 min                                    |
| Full Charge Mowing Time                   | 110 min                                   | 110 min                                   |
| Mowing Area per Charge                    | 0.22 acre                                 | 0.27 acre                                 |
| Mowing Area per Hour                      | 0.12 acre                                 | 0.15 acre                                 |
| Cutting Height                            | 0.75–4 in                                 | 0.75–4 in                                 |
| Cutting Height Adjustment Method          | Auto                                      | Auto                                      |
| Cutting Width                             | 17 in                                     | 17 in                                     |
| Floating Cut System                       | Yes                                       | Yes                                       |
| Anti-Clogging Cutting Disc                | Yes                                       | Yes                                       |
| Cutting Disc                              | 2 Discs, 12 Blades                        | 2 Discs, 12 Blades                        |
| GPS Tracking                              | GPS + Find My                             | GPS + Find My                             |
| Out-of-boundary Alarm                     | Yes                                       | Yes                                       |
| Object Recognition                        | 200+                                      | 200+                                      |
| Smart Home Integration                    | Alexa & Google Home                       | Alexa & Google Home                       |
| Warranty                                  | Device: 3 Years / Battery: 2 Years        | Device: 3 Years / Battery: 2 Years        |
| Connectivity                              | Bluetooth & Wi-Fi & Cellular*             | Bluetooth & Wi-Fi & Cellular*             |
| Display                                   | 3.5-in Color LCD Screen                   | 3.5-in Color LCD Screen                   |
| OTA Updates                               | Yes                                       | Yes                                       |

\*Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for X430 and 2 years free for X450, renewable annually.



# Navimow i2 AWD

**Master the Rough. Turn with Care.**

Advanced AWD System Ensures Stability Across All Terrains While Preserving Lawns.



# All-Wheel-Drive, All-Terrain Performance

## VisionFence™

Intelligent AI obstacle avoidance technology for worry-free mowing

## Adjustable Cutting Height

Fully adjustable from 2 to 3.6 inches

## Large Wheels

Large 9.8 inch front wheels drive powerful performance for a smoother mow, even in the toughest of environments

## EFLS™ NRTK

Access Network RTK for antenna-free deployment. The upgraded triple-frequency Network RTK and vision dual-fusion system delivers ultra-precise, centimeter-level accuracy

## Built-In 4G Module

Stable connectivity anywhere and seamless access to Network RTK, as needed

## Xero-Turn™ AWD

All-new drive system for maximum traversability and agile turns, delivering powerful terrain mastery and grass-friendly care

## Dual Automotive-Grade Technology

ESC & TCS deliver better stability and effectively minimize slippage

\*ESC (Electronic Stability Control)  
\*TCS (Traction Control System)

# Pioneering **Xero-Turn™** AWD Technology, Power with Next-Level Performance

## Power to Conquer: **Xero-Turn™** AWD Powered, All-Terrain Mastery

Equipped with an all-wheel-drive system and 9.8 inch off-road wheels, the mower easily conquers complex landscapes while maintaining smooth, stable movement across uneven terrain.



Handles slopes up to 45% (24°) and traverses root-covered areas, 1.57 inch vertical steps, and uneven stone paths with ease. Whether on gravel paths or rugged terrain, the mower stays in control without getting stuck.



Confidently Handles 45% Slopes



Up to 1.57 inch Vertical Steps



Traverse Root-Covered Terrain



Across Stone Paths

## AWD × Built-In ESC\* (Electronic Stability Control) Synergy Tackles 45% (24°) Slope with All-Round Stability

Unlike other two-wheel products, the mower dynamically adjusts its slope trajectory to maintain straight and stable movement in any direction, delivering consistent, even mowing.

- ✓ Lateral Hill Traverse
- ✓ Hill Reverse
- ✓ Steady Hill Turns
- ✓ Diagonal Hill Traverse



Full Slope Mowing Coverage

\*ESC: Electronic Stability Control

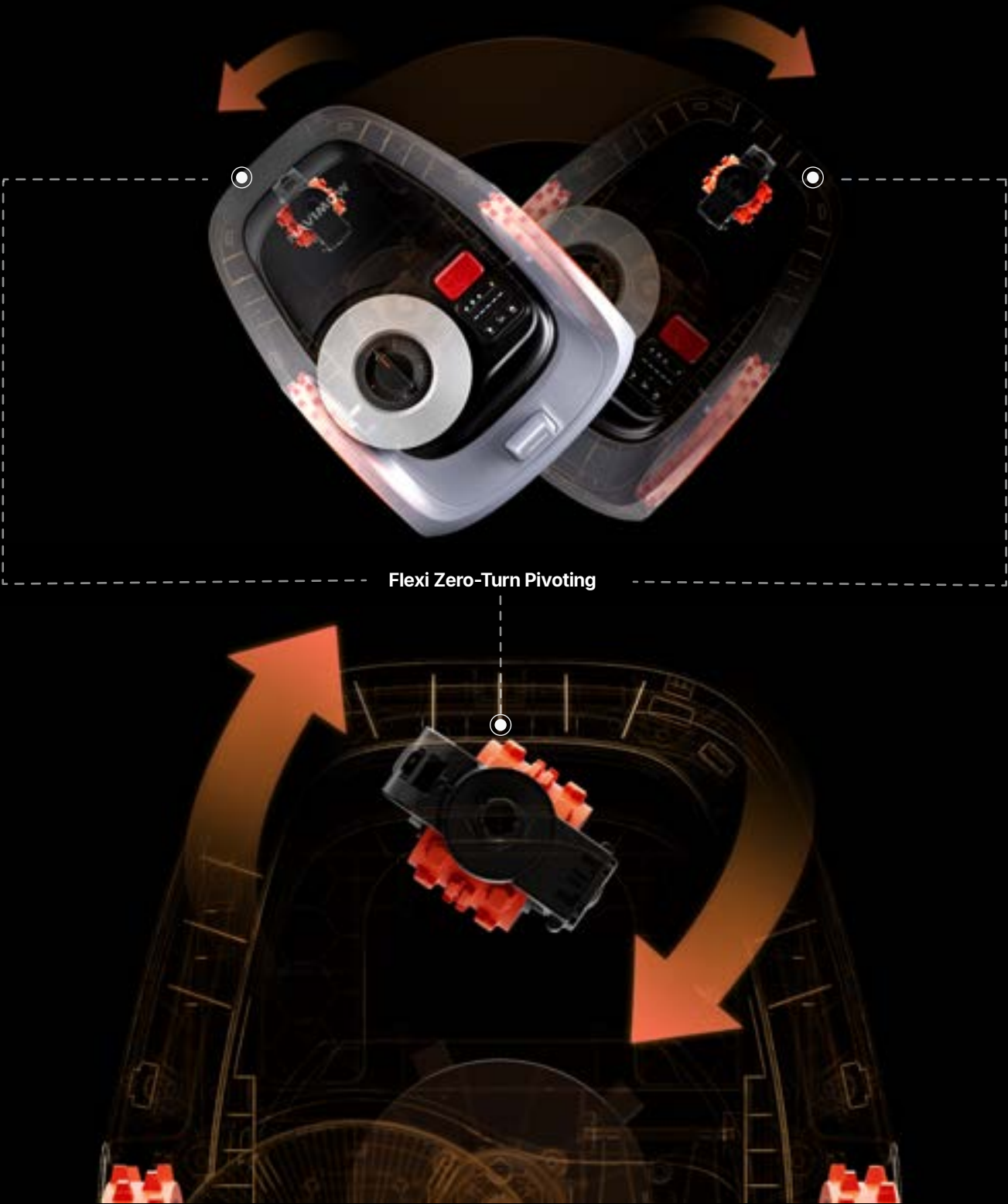


Consistently Even Mowing Quality

# Power with Care: Anti-Scrapping, Anti-Slipping, Never Hurts Grass

## Flexible Zero-Turn Pivoting without Scrapping Grass

Our concentric rear-wheel design delivers smooth zero-turn pivoting without turf tearing, eliminating dragging and scraping that can damage your lawn. Enjoy flawless, turf-friendly turns with every pass.



## AWD × TCS (Traction Control System) Synergy Minimal Slippage and Damage

With TCS (Traction Control System) reacting in just milliseconds, traction is constantly adjusted to match ground conditions. Even on wet or slick grass, the mower glides with minimal slippage, protecting your lawn from bruising or ripping.



## Power that Adapts: Adaptive Drive, 30% Energy Boost\*

The on-demand third wheel intelligently adapts to terrain changes, reducing energy consumption and extending runtime by up to 30%.



\*Energy efficiency data based on internal controlled lab testing. Adaptive all-wheel drive (3AWD) demonstrated up to 30% longer runtime compared with continuous 3AWD operation. Actual results may vary depending on terrain and mowing conditions.

# No Wires, No Antenna Required

## Easy Deployment

### Network RTK Access

Network RTK access is included at no extra cost, and the required cellular data are provided free of charge. Connect instantly with just one tap using the Network RTK, and enjoy a completely wire-free, easy-to-install setup. A local antenna is also included in the box, giving you the flexibility to choose your preferred installation method for optimal connectivity.



For more information about the Network RTK, Scan the QR code to visit our official website.

### EFLS™ NRTK: Network RTK+Vision Dual Precision

#### No Signal Loss, Even in Hard-to-Reach Places

#### Enhanced Triple-Frequency Network RTK Performance

An upgrade from dual to triple-frequency Network RTK delivers 30% more accuracy and improved signal stability.



Upgraded to Triple-Frequency Network RTK



Narrow Pathways



Under Trees

#### Vision-Enhanced for Precise Positioning, Anywhere

Vision-enhanced fusion positioning ensures centimeter-level precision, even in narrow passages and densely obstructed environments.

### Hands-Free Auto Mapping, Minimal Effort

Simply place the mower on the grass. With a single tap in the app, it automatically scans and maps your entire lawn, generating a precise map through intelligent boundary detection.



### VisionFence™: AI-Powered 150+ Obstacle Avoidance

The mower uses advanced vision and AI algorithms to accurately detect pets, tools, and even obstacles as small as 1 cm. It intelligently decides whether to mow or avoid them, rerouting within 0.1 seconds while maintaining a safe distance of at least 3.28 ft for safety.

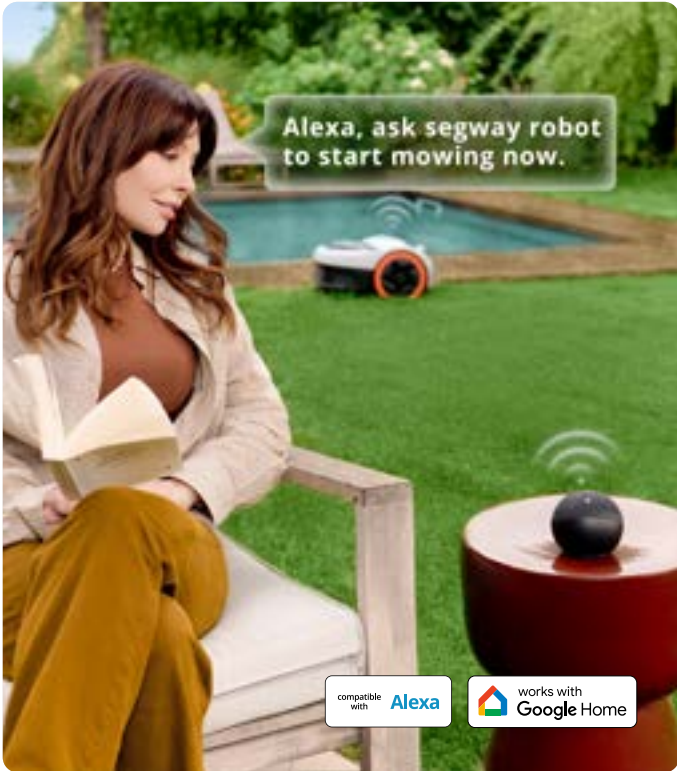


- Cats
- Squirrels
- Dogs
- Cows
- Hedgehogs
- Wood
- Garden Lights
- Poles
- Electric Saws
- Fountains

# Your Smart Mowing Companion

## Voice Command Convenience with Smart Home Compatibility

Compatible with major smart home systems such as Alexa and Google Home, it allows you to control your mower effortlessly with a single voice command, letting you enjoy a truly hands-free, smart mowing experience.



## Smart Security System

**Dual Alarms:** Instant app notifications when the mower is lifted or exits the boundary, keeping your unit safe.

**Real-Time GPS Tracking:** Track your mower's live location anytime in the Navimow App for added security.



# Highly Durable, Built to Last

## IP66 Rated, Completely Dustproof and Waterproof

Built to withstand rain, dust, and dirt. Easy to rinse clean for effortless maintenance.



## Extreme Weather Ready: Adaptive Mowing

With the ability to recognize wind, frost, rain, snow, and high temperatures, it automatically adapts its mowing schedule to stay out of harmful weather—safeguarding both your lawn and the mower.



## 59 dB(A) Ultra Quiet Mowing

Delivers low-noise mowing for your comfort—without disturbing family, pets, or neighbors.



## 3-Year Warranty

Up to 3-year warranty for care-free long-term use.



| Models                                    | i206 AWD                           | i210 AWD                           |
|-------------------------------------------|------------------------------------|------------------------------------|
| Recommended Mowing Area                   | 0.15 acre                          | 0.25 acre                          |
| Time Required for Recommended Mowing Area | 9.6 Hours                          | 16 Hours                           |
| Dimensions                                | 21.4 x 15.1 x 11.2 in              | 21.4 × 15.1 × 11.2 in              |
| Net Weight                                | 26.56 lbs                          | 27.12 lbs                          |
| Locating System                           | EFLS™ NRTK (NRTK + Vision)         | EFLS™ NRTK (NRTK + Vision)         |
| Object Detection System                   | VisionFence™ (140° RGB Camera)     | VisionFence™ (140° RGB Camera)     |
| Driving Engine                            | 3 AWD                              | 3 AWD                              |
| Noise Level                               | 59 dB(A)                           | 59 dB(A)                           |
| Protection Level                          | IP66                               | IP66                               |
| Weather Adaptive                          | Weather Forecast                   | Weather Forecast                   |
| Maximum Slope Ability                     | 45% (24°)                          | 45% (24°)                          |
| Auto-Mapping                              | Yes                                | Yes                                |
| Auto-Recharge                             | Yes                                | Yes                                |
| Offset                                    | 1.57 in                            | 1.57 in                            |
| Multi-Zone Management                     | 20                                 | 20                                 |
| Battery Capacity                          | 2.55 Ah                            | 5.1 Ah                             |
| Charging Time                             | 60 min                             | 120 min                            |
| Full Charge Mowing Time                   | 60 min                             | 120 min                            |
| Mowing Area per Charge                    | 0.03 acre                          | 0.06 acre                          |
| Mowing Area per Hour                      | 0.03 acre                          | 0.03 acre                          |
| Cutting Height                            | 2–3.6 in                           | 2–3.6 in                           |
| Cutting Height Adjustment Method          | Manual                             | Manual                             |
| Cutting Width                             | 7.1 in                             | 7.1 in                             |
| Cutting Disc                              | 1 Disc, 5 Blades                   | 1 Disc, 5 Blades                   |
| GPS-Tracking                              | Yes                                | Yes                                |
| Out-of-Boundary Alarm                     | Yes                                | Yes                                |
| Lifted Alarm                              | Yes                                | Yes                                |
| Object Recognition                        | 150+                               | 150+                               |
| Warranty                                  | Device: 3 Years / Battery: 2 Years | Device: 3 Years / Battery: 2 Years |
| Smart Home Integration                    | Alexa & Google Home                | Alexa & Google Home                |
| Connectivity                              | Bluetooth, Wi-Fi, Cellular*        | Bluetooth, Wi-Fi, Cellular*        |
| Display                                   | LED Digital Display                | LED Digital Display                |
| OTA Updates                               | Yes                                | Yes                                |

\*Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for all i2 AWD models, renewable annually.



# Navimow i2 LiDAR

## Drop and Mow. Tap and Go.

High-res solid-state LiDAR+Vision: Ditch the wires and antenna for one-click auto mapping.



# Ultimate Precision, Effortless Deployment

## Built-In 4G Module

Stable connectivity anywhere, as needed

## 140° RGB Camera

Advanced Detection and Avoidance

## 1 Disc, 6 Blades

Powerful Mowing

## 8.7 inch Off-Road Wheels

Up to 45% Slope Mowing

## High-Res Solid-State LiDAR

Advanced perception and stable navigation

# Simply Drop and Mow

## Redefining Deployment Experience

### Setup? Forget It. Mow Instantly!

No wires, no antenna, and flexible charging dock location thanks to our latest LiDAR-powered navigation. Unbox, connect, press start - your mower performs right away. Gain back time, freedom, and a perfect lawn without the hassle.



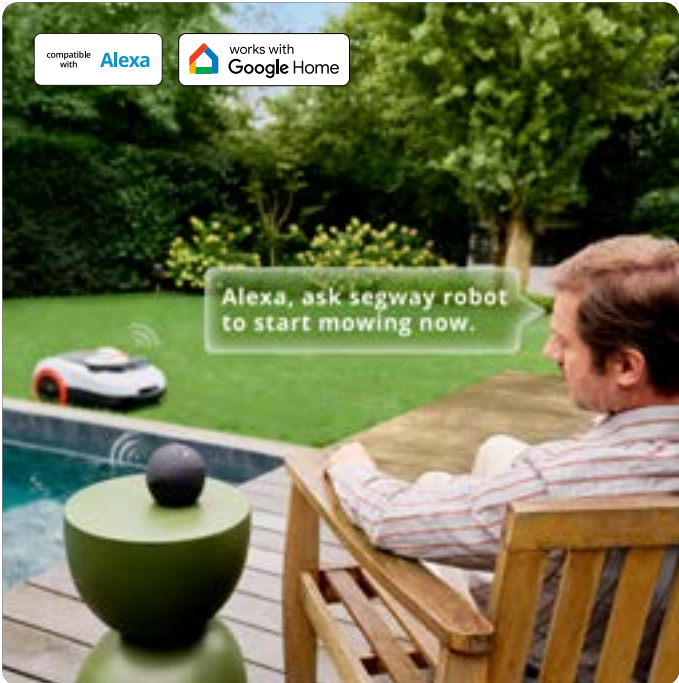
### One-Click Auto Mapping

Drop your mower and tap start, then i2 LiDAR auto-maps your yard immediately. Now that's simple!



### Easy Voice Control

Voice control via Alexa and Google Home. Lawn care has never been this easy!



# Next-Generation High-Res LiDAR

## Precision Mapping to the Next Level

### Groundbreaking 3D Spatial Intelligence

Pioneering LiDAR technology scans your space at nearly 200,000 points per second, meticulously crafting an ultra-dense 3D point cloud that leaves no dead zones. Every tiny detail is captured for rock-steady navigation day in, day out.



#### Others

- Insufficient Precision
- Low Resolution
- Short Detection Range
- Slow Reaction Time

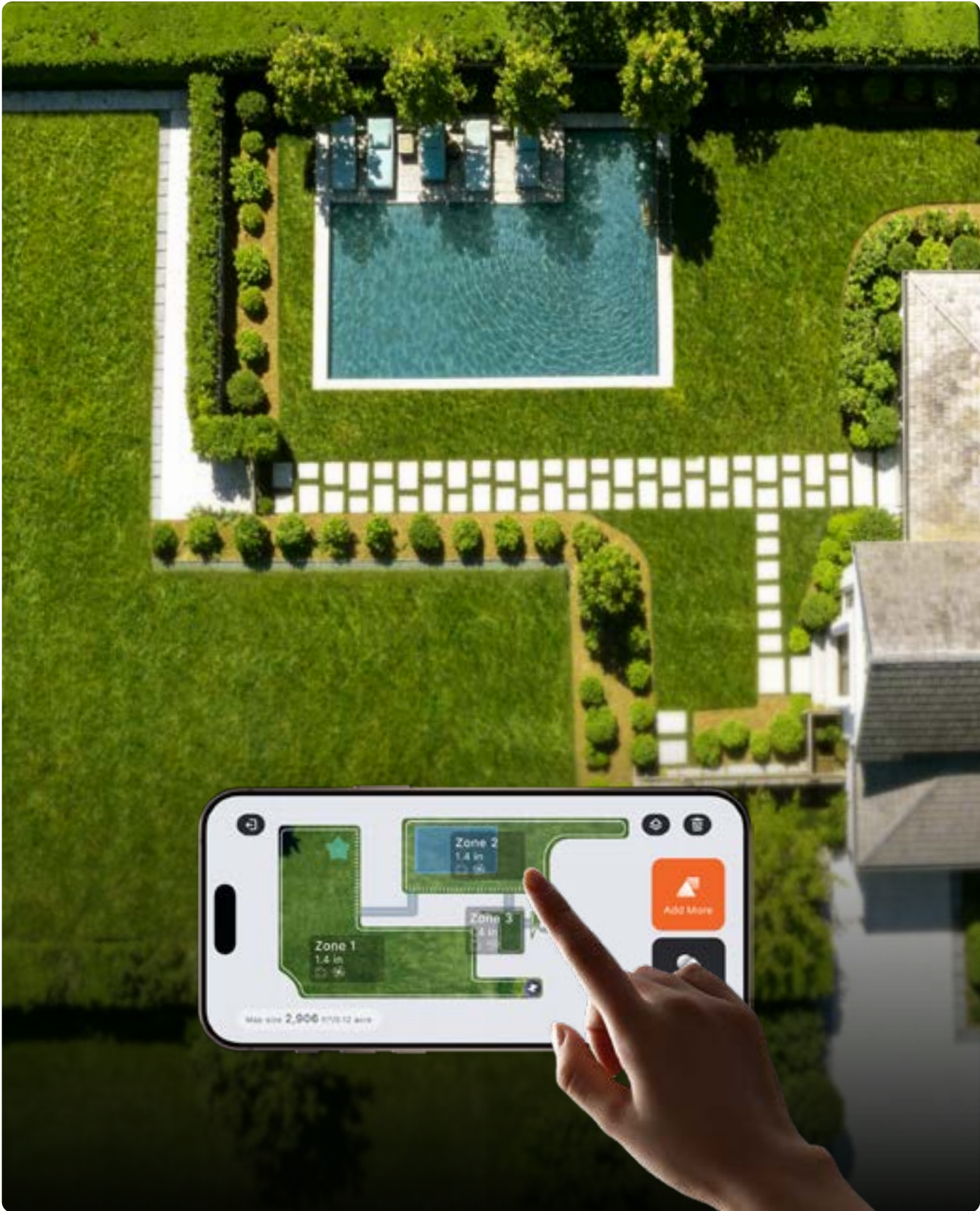
#### Navimow

- ✓ 200,000 Pts/Sec - More Precise
- ✓ >4x Higher Resolution - Sharper Details
- ✓ 230ft Long Detection Range - Sees Farther
- ✓ 50ms Scan Interval - Reacts Faster



# GeoSketch™: Realistic Visualization of Your Yard

Powered by high-res LiDAR and vision tech, the i2 LiDAR transforms every lawn corner into an interactive map right on your phone. Visualize, edit, and command your mower with unparalleled accuracy. Drag and drop to customize your mow to perfection.



# LiDAR + Vision Fusion Ultimate Navigation and Sensing

## EFLS™ LiDAR. Navigate with Absolute Confidence

Powered by our industry-leading EFLS™ LiDAR technology, the i2 LiDAR creates its own navigation without relying on satellites. This ensures stable positioning, even in the most challenging conditions. Whether under dense trees, through narrow 2.3 ft pathways, or in total darkness, the i2 LiDAR delivers unwavering accuracy and reliability in any condition.



Through Narrow Paths



Under Trees



During Nighttime

## The Slope Expert

Experience unparalleled slope mowing with our cutting-edge ESC (Electronic Stability Control) technology. The system precisely regulates wheel speeds during turns to optimize the mower's center of gravity, ensuring smooth navigation on slopes up to 45% (24°).

## Built to Endure: Built-In Solid-State LiDAR Module

Unmatched durability proven through 60+ reliability tests and 50G vibration shocks, setting a new benchmark that far exceeds industry standards. The i2 LiDAR takes on bumps and falling objects with confidence, maintaining unwavering performance throughout.



# LiDAR-Powered VisionFence™: 200+ Obstacle Avoidance

**0.4 inch Detection Accuracy:** Precision beyond limits. No detail too small. High-res LiDAR mapping empowers i2 LiDAR to flawlessly avoid even the smallest obstacles – chair legs, pet toys, and more.

**Suspended Objects:** With 3D LiDAR, the mower detects suspended objects like trampolines. It only passes underneath if there is sufficient clearance, avoiding hazards like car undercarriages.

**Animal Friendly:** LiDAR's long detection range ensures early detection of over 20 animal types and maintains a 3.3-foot safe distance during operation.



# Powerful Mowing with Precision in Every Detail

**Powerful Cutting, Perfect for Tough Grass**

Powered by a 100W peak power motor and 6-blade disc, the mower cuts through dense grass with ease, delivering exceptional results every time.



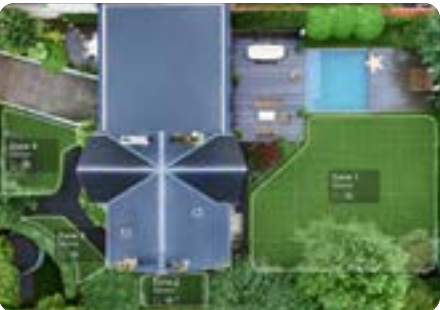
**EdgeSense™: Seamless Boarder Adaption**

Effortlessly operates right up to pathway edges for a flawless, uncompromised cut along every transition.



**Custom Plans for up to 20 Zones**

Customize plans for up to 20 areas, setting a tailored mowing height and schedule in app on the fly.



# Secure, Smart, and Fun

Hassle-Free Daily Experience

**Quad-Layer Security with 24/7 Protection**

GPS tracking, geo-fence alarm, lifted alarm, and Apple Find My support ensures your mower stays protected when powered on or offline.



**Creative Doodle Tool**

Use the 26 letters and a range of preset shapes to turn your lawn into a personal canvas.



# Extreme Weather Ready

When the mower detects heavy rain, snow, frost, strong wind or extreme heat, it will automatically pause mowing and return to the docking station.

**59 dB(A)**  
Super Quiet Mowing

**IP66**  
Dustproof & Waterproof

**3 Year**  
Up to 3-Year Warranty

| Model                                     | i215 LiDAR                               |
|-------------------------------------------|------------------------------------------|
| Recommended Mowing Area                   | 0.37 acre                                |
| Time Required for Recommended Mowing Area | 16 Hours                                 |
| Dimensions                                | 25.0 × 17.5 × 11.3 in                    |
| Net Weight                                | 32.4 lbs                                 |
| Locating System                           | EFLS™ LiDAR (LiDAR + Vision)             |
| Object Detection System                   | VisionFence™ (LiDAR + 140° RGB Camera)   |
| Driving Engine                            | 2 Rear Wheels                            |
| Noise Level                               | 59 dB(A)                                 |
| Protection Level                          | IP66                                     |
| Weather Adaptive                          | Weather Forecast                         |
| Maximum Slope Ability                     | 45% (24°)                                |
| Auto-Mapping                              | Yes                                      |
| Auto-Recharge                             | Yes                                      |
| Offset                                    | 1.18 in                                  |
| Multi-Zone Management                     | 20                                       |
| GeoSketch                                 | Yes                                      |
| Battery Capacity                          | 7.65 Ah                                  |
| Charging Time                             | 130 min                                  |
| Full Charge Mowing Time                   | 160 min                                  |
| Mowing Area per Charge                    | 0.105 acre                               |
| Mowing Area per Hour                      | 0.0395 acre                              |
| Cutting Height                            | 2–4 in (0.8–2.8 in with low-cutting kit) |
| Cutting Height Adjustment Method          | Auto                                     |
| Cutting Width                             | 8.66 in                                  |
| Cutting Disc                              | 1 Disc, 6 Blades                         |
| GPS Tracking                              | Yes                                      |
| Out-of-Boundary Alarm                     | Yes                                      |
| Lifted Alarm                              | Yes                                      |
| Proximity Unlock                          | Yes                                      |
| Find My                                   | Yes                                      |
| Object Recognition                        | 200+                                     |
| Warranty                                  | Device: 3 Years / Battery: 2 Years       |
| Smart Home Integration                    | Alexa & Google Home                      |
| Connectivity                              | Bluetooth & Wi-Fi & Cellular *           |
| Display                                   | 2.4-in Color LCD Screen                  |
| OTA Updates                               | Yes                                      |

\*Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for all i2 LiDAR models, renewable annually.



# Navimow H2 Series

## Always on Track. Master Every Scene.

AI triple fusion system: High-res solid-state LiDAR + Network RTK + Vision for absolute precision and reliability.



# Unwavering Precision, Engineered for Complex Yards

## AI Triple Fusion System

High-res solid-state LiDAR + Network RTK + Vision  
Ultimate navigation

## GeoSketch™

Real-scene map in app  
Intuitive editing

## LiDAR-Driven Slope Mastery

Terrain Adapt + Electronic Stability Control

## Drop and Mow

No wires  
No antenna  
Automatic mapping



## EdgeSense™

Zero-edge cutting with ride-on boundary mode  
Cuts as close as 2 inches from walls

## Unstoppable Cutting Performance

100W peak power motor  
Anti-clogging disc + 6 blades  
Rugged off-road tires

## VisionFence™

Identifies 200+ obstacles  
0.4 inch detection precision  
Animal friendly

# High-Resolution LiDAR

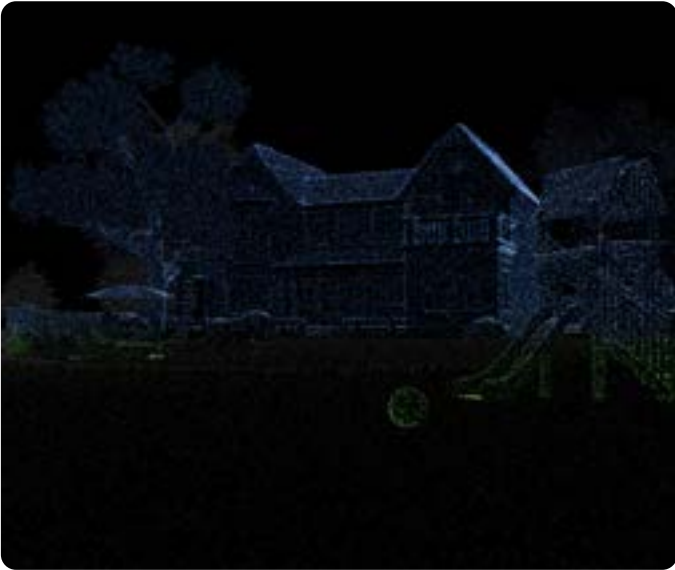
## A Generational Leap, Redefining Precision Mapping

### Groundbreaking 3D Spatial Intelligence

Pioneering LiDAR technology scans your space at nearly 200,000 points per second, meticulously crafting an ultra-dense 3D point cloud that leaves no dead zones. Every detail is captured to ensure accurate day-to-day navigation.



|                                                                   |                                                                             |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>200,000 Pts/Sec</b><br><small>More Precise Capture</small>     | <b>&gt;4x Higher Resolution</b><br><small>Sharper Details vs Others</small> |
| <b>230 ft Long Detection Range</b><br><small>Sees Farther</small> | <b>50 ms Scan Interval</b><br><small>Reacts Faster</small>                  |



Others



Navimow

### Revolutionary **GeoSketch™** Technology: Sees What Your Eyes See

Powered by high-res LiDAR and vision tech, the H2 transforms every lawn corner into an interactive map right on your phone. Visualize, edit, and command your mower with unparalleled accuracy. Drag and drop to customize the perfect track.



# AI Triple Fusion System: LiDAR + NRTK + Vision

## EFLS™ LiDAR+: Centimeter-Level Accuracy Anywhere, Anytime

The H2 Series redefines navigation with an integrated system that fuses LiDAR's spatial awareness and Network RTK's satellite precision with enhanced vision-provided assistance. It seamlessly switches position modes in just 20 ms for uncompromising performance.

Network RTK access as standard. No extra cost.



Under Trees



Through Narrow Paths



In Open Terrain



At Nighttime

## LiDAR-Driven Slope Mastery

3D Terrain Adapt technology segments complex lawns into optimal work zones, selecting efficient mowing paths. Paired with a new **ESC (Electronic Stability Control)** system, the H2 precisely regulates wheels during turns to optimize the mower's center of gravity, tackling 45% (24°) slopes with ease.



## VisionFence™: LiDAR + Vision Pinnacle Perception with 200+ Obstacle Avoidance

**0.4 Inch Detection Accuracy:** No detail is too small. High-res LiDAR and vision empower the H2 to flawlessly avoid even the smallest obstacles—chair legs, pets, toys, and more.

**Suspended Objects:** With 3D LiDAR perception, the mower intelligently assesses clearance (including swings, trampolines and more), passing underneath only when space permits. It confidently avoids hazardous areas like car undercarriages.

**Animal Friendly:** LiDAR's long-range detection ensures early recognition of over 20 animal types and maintains a 3.3-foot safe distance during operation. A 3-direction bumper sensor provides an extra layer of physical safety.



## Built to Endure. Built-In Solid-State LiDAR Module

Unmatched durability proven through 60+ reliability tests and 50G vibration shocks, setting a new benchmark that far exceeds industry standards. The H2 takes on bumps and falling objects with confidence, maintaining unwavering performance throughout.



## Skip the Hassle. Drop and Mow.

No wires, no antennas, and flexible dock placement—powered by advanced LiDAR navigation. Just unbox, connect, and press start for instant mapping. Enjoy a perfect lawn with less effort, plus easy voice control via Alexa and Google Home.



## Powerful Mowing Right Down to Details

### Unstoppable Cutting Performance for Complex Lawns

A 100W peak power motor, 6 blades, and an anti-clogging disc shred thick grass without hesitation.



Engineered with rugged off-road tires that deliver maximum traction while preserving grass health.



### EdgeSense™: Perfection in the Smallest Spaces

**Ride-On Mode:** Glides across terrain and transitions effortlessly, delivering flawless cuts along edges.

**Standard Mode:** Cuts as close as 2 inches from walls and fences. Transforms untidy borders into crisp, clean lines.



# Relax, Everything's Handled

## 30-Zone Management

Schedule up to 30 unique areas so that every patch is perfectly manicured.



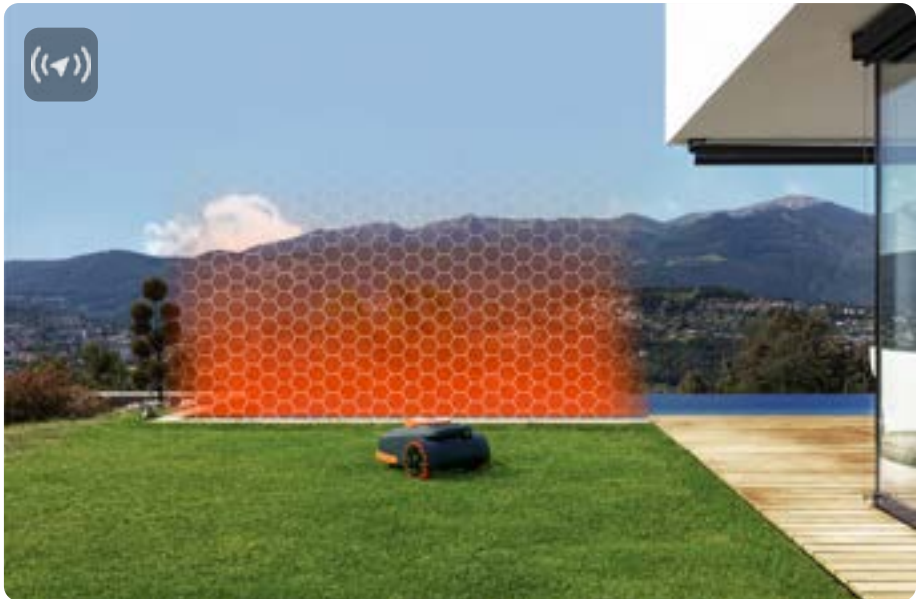
## In-App Adjustable Cutting Height

Switch between two cutting ranges: 2-4 inches or a precise 0.8-2.8 inches, fully customizable in the app.



## Quadruple Security System

GPS tracking, geo-fence alarm, lifted alarm and Apple Find My technology ensures your mower stays protected while powered on or offline. Our **Proximity Unlock** automatically recognizes your phone, disabling alarms when you're nearby.



## Extreme Weather Ready

A built-in rain sensor and weather forecasting keep your H2 one step ahead. When it detects heavy rain, snow, frost, strong wind, or extreme heat, it will automatically pause mowing and return to the docking station.



## IP66 Dustproof & Waterproof

Hassle-free daily cleaning. Just rinse it off without worry.



## Whisper-Quiet at 60 dB(A)

Operates at a soft, whisper-quiet level for peaceful, comfortable mowing.



## Up to 3-Year Warranty

A 3-year warranty gives you complete peace of mind.

| Model                                     | H210                                     | H220                                     |
|-------------------------------------------|------------------------------------------|------------------------------------------|
| Recommended Mowing Area                   | 0.25 acre                                | 0.5 acre                                 |
| Time Required for Recommended Mowing Area | 7.66 Hours                               | 12.26 Hours                              |
| Dimensions                                | 24.6 × 17.5 × 11.6 in                    | 24.6 × 17.5 × 11.6 in                    |
| Net Weight                                | 34.51 lbs                                | 35.83 lbs                                |
| Locating System                           | EFLS™ LiDAR+ (LiDAR + NRTK + Vision)     | EFLS™ LiDAR+ (LiDAR + NRTK + Vision)     |
| Object Detection System                   | VisionFence™ (LiDAR + 140° RGB Camera)   | VisionFence™ (LiDAR + 140° RGB Camera)   |
| Driving Engine                            | 2 Rear Wheels                            | 2 Rear Wheels                            |
| Noise Level                               | 60 dB(A)                                 | 60 dB(A)                                 |
| Protection Level                          | IP66                                     | IP66                                     |
| Weather Adaptive                          | Weather Forecast + Rain Sensor           | Weather Forecast + Rain Sensor           |
| Maximum Slope Ability                     | 45% (24°)                                | 45% (24°)                                |
| Auto-Mapping                              | Yes                                      | Yes                                      |
| Auto-Recharge                             | Yes                                      | Yes                                      |
| Offset                                    | 1.18 in                                  | 1.18 in                                  |
| Multi-Zone Management                     | 30                                       | 30                                       |
| GeoSketch™                                | Yes                                      | Yes                                      |
| Battery Capacity                          | 5.1 Ah                                   | 10 Ah                                    |
| Charging Time                             | 70 min                                   | 120 min                                  |
| Full Charge Mowing Time                   | 110 min                                  | 220 min                                  |
| Mowing Area per Charge                    | 0.086 acre                               | 0.22 acre                                |
| Mowing Area per Hour                      | 0.047 acre                               | 0.06 acre                                |
| Cutting Height                            | 2–4 in (0.8–2.8 in with low-cutting kit) | 2–4 in (0.8–2.8 in with low-cutting kit) |
| Cutting Height Adjustment Method          | Auto                                     | Auto                                     |
| Cutting Width                             | 8.66 in                                  | 8.66 in                                  |
| Anti-Clogging Cutting Disc                | Yes                                      | Yes                                      |
| Cutting Disc                              | 1 Disc, 6 Blades                         | 1 Disc, 6 Blades                         |
| GPS tracking                              | Yes                                      | Yes                                      |
| Out-of-Boundary Alarm                     | Yes                                      | Yes                                      |
| Lifted Alarm                              | Yes                                      | Yes                                      |
| Proximity Unlock                          | Yes                                      | Yes                                      |
| "Find My" Compatible                      | Yes                                      | Yes                                      |
| Object Recognition                        | 200+                                     | 200+                                     |
| Warranty                                  | Device: 3 Years / Battery: 2 Years       | Device: 3 Years / Battery: 2 Years       |
| Smart Home Integration                    | Alexa & Google Home                      | Alexa & Google Home                      |
| Connectivity                              | Bluetooth & Wi-Fi & Cellular *           | Bluetooth & Wi-Fi & Cellular *           |
| Display                                   | 2.4-in Color LCD Screen                  | 2.4-in Color LCD Screen                  |
| OTA Updates                               | Yes                                      | Yes                                      |

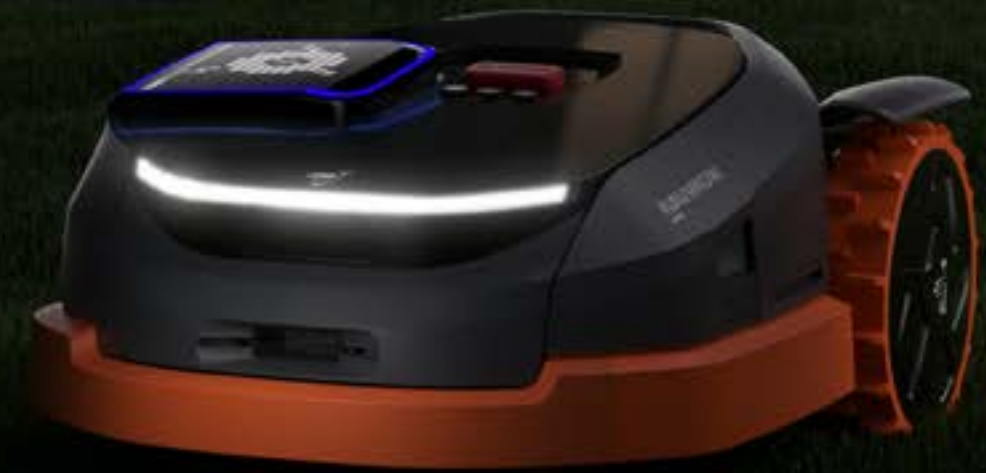
\*Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for H210 and H220 models, renewable for all models annually.



# Navimow X3 Series

## Master Efficiency, Embrace Simplicity

Efficient and effortless lawn care solution for lawns up to 2.5 acres



# Navimow X3 Series

**Dot Matrix Screen**  
Clear status display and update

**Built-in Hub Motor**  
Motor power increased by 25% for enhanced performance

**Left, Right, and Front Camera Sensors**  
300° camera system provides object detection and EFLS™ NRTK positioning enhancement



**RTK Module**  
Supports 3-frequency RTK, improving performance

**Headlight**  
Nighttime illumination

**Bump Sensor**  
Protection over collision

EFLS™ NRTK: Precision Positioning, Extended Signal Coverage

EFLS™ NRTK, featuring major upgrades in RTK coverage, VSLAM (Visual Simultaneous Localization and Mapping), and VIO (Visual Inertial Odometry) technology. This state-of-the-art system ensures unparalleled stability and precision, even in challenging signal environments. Supports dual RTK signals with an upgrade to triple-frequency observation for extended coverage. With enhanced RTK capabilities and superior VSLAM performance, the EFLS™ NRTK delivers exceptional accuracy and reliability for flawless operation in complex settings.



Unrivaed Precision with Upgraded RTK System and 300-Degree Visual Assistance

The Segway Navimow X3 Series features a revolutionary upgrade with its RTK system. This technology significantly boosts satellite observational capacity by 40% \* and enhances RTK performance and accuracy. The Segway Navimow X3 Series also integrates 300-degree wide-angle visual assistance. This combination supplies an unmatched level of precision, ensuring your lawn is maintained with the highest level of accuracy in complex settings.

\* Based on internal laboratory testing, the satellite observation capacity increases by 40% compared to the previous solution.

VisionFence™: AI-Powered Obstacle Avoidance

Upgraded VisionFence™ technology empowers the Segway Navimow X3 Series with an unprecedented 300-degree field of view and efficient AI route planning that enables highly reliable obstacle avoidance.



Easily Handles Slopes up to 50%

Our superior design conquers even the most challenging terrains with ease, and can handle slopes up to 50% for more versatile performance.



No Cables. Effortless Setup.

Easily connect and control your robotic mower with the Navimow app. With AI Assist Mapping, your X3 series mower can automatically navigate and map your entire work area, making setup a breeze. Just a few taps allow you to establish virtual boundaries, mark off-limit areas, and create safe channels to connect multiple zones.



Fast Setup with Intelligent Site Selection

Antenna Location Finder simplifies setup by analyzing RTK positioning and signal strength to recommend optimal locations for your charging dock and antenna base. This ensures reliable docking, minimal signal issues, and a more hassle-free overall use experience.



Ultra-Quiet Operation: Lawn Care Without the Noise

Ultra-quiet operation reduces mowing noise to just 60 dB(A)—as quiet as a home air conditioner and half that of fuel-powered mowers. Maintain a pristine lawn without disturbing family or neighbors, and enjoy a high-quality mowing experience that's both easy to manage and surprisingly quiet.



Unmatched Security

The X3 offers four advanced security features, including outside-of-boundary alarms and lift alerts, to help ensure your mower stays safe. GPS tracking allows you to easily find your mower's location using the Navimow app, and secret compartments even allow storage of additional item trackers. Enjoy worry-free lawn care knowing your mower is secure and easily locatable.



Mow with Voice Commands

Take convenience to the next level with Alexa and Google Home voice control, allowing you to manage your mowing with simple voice commands. Whether it's starting, stopping, or scheduling, this seamless integration into your smart home system lets you enjoy a smarter, more efficient lawn care experience.

| Models                                | X315                                 | X330                                  | X350                                  | X390                                  |
|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Recommended Mowing Area               | 0.5 acre                             | 1 acre                                | 1.5 acres                             | 2.5 acres                             |
| Dimensions                            | 27.5 × 21.7 × 12.1 in                | 27.5 × 21.7 × 12.1 in                 | 27.5 × 21.7 × 12.1 in                 | 27.5 × 21.7 × 12.1 in                 |
| Weight                                | 43.1 lbs                             | 43.7 lbs                              | 43.7 lbs                              | 43.9 lbs                              |
| Systematic Mowing                     | Yes                                  | Yes                                   | Yes                                   | Yes                                   |
| Cutting Height                        | 2–4 in                               | 2–4 in                                | 2–4 in                                | 2–4 in                                |
| Blade Adjustment Method               | Auto                                 | Auto                                  | Auto                                  | Auto                                  |
| Cutting Width                         | 9.3 in                               | 9.3 in                                | 9.3 in                                | 9.3 in                                |
| Number of Blades                      | 6                                    | 6                                     | 6                                     | 6                                     |
| Maximum Slope Ability                 | 50% (27°)                            | 50% (27°)                             | 50% (27°)                             | 50% (27°)                             |
| Maximum Slope Performance at Boundary | 25% (14°)                            | 25% (14°)                             | 25% (14°)                             | 25% (14°)                             |
| Battery Capacity                      | 6 Ah                                 | 8 Ah                                  | 10 Ah                                 | 12.8 Ah                               |
| Charging Time                         | 60 min                               | 65 min                                | 80 min                                | 100 min                               |
| Maximum Mowing Speed                  | 2.6 ft/s                             | 2.6 ft/s                              | 3.3 ft/s                              | 3.3 ft/s                              |
| Full Charge Mowing Time               | 120 min                              | 160 min                               | 200 min                               | 240 min                               |
| Continuous Mowing Area per Day        | 0.98 acre                            | 1.11 acres                            | 1.35 acres                            | 1.35 acres                            |
| Locating System                       | EFLS™ NRTK                           | EFLS™ NRTK                            | EFLS™ NRTK                            | EFLS™ NRTK                            |
| Object Detection System               | VisionFence™ (300° RGB Camera + ToF) | VisionFence™ (300° RGB Camera + ToF)  | VisionFence™ (300° RGB Camera + ToF)  | VisionFence™ (300° RGB Camera + ToF)  |
| Driving Engine                        | Rear-wheel drive                     | Rear-wheel drive                      | Rear-wheel drive                      | Rear-wheel drive                      |
| Noise Level                           | 60 dB(A)                             | 60 dB(A)                              | 60 dB(A)                              | 60 dB(A)                              |
| Supports Expansion Accessories        | Yes                                  | Yes                                   | Yes                                   | Yes                                   |
| Protection Level                      | IP66                                 | IP66                                  | IP66                                  | IP66                                  |
| Weather Resilient                     | Weather forecast + rain sensor       | Weather forecast + rain sensor        | Weather forecast + rain sensor        | Weather forecast + rain sensor        |
| Auto-Recharge                         | Yes                                  | Yes                                   | Yes                                   | Yes                                   |
| Smart Home Integration                | Alexa & Google Home                  | Alexa & Google Home                   | Alexa & Google Home                   | Alexa & Google Home                   |
| Connectivity (Bluetooth & Wi-Fi & 4G) | Bluetooth & Wi-Fi & 4G (1 year free) | Bluetooth & Wi-Fi & 4G (2 years free) | Bluetooth & Wi-Fi & 4G (3 years free) | Bluetooth & Wi-Fi & 4G (5 years free) |
| Display                               | Dot-matrix display                   | Dot-matrix display                    | Dot-matrix display                    | Dot-matrix display                    |
| App Control                           | ●                                    | ●                                     | ●                                     | ●                                     |
| OTA Updates                           | ●                                    | ●                                     | ●                                     | ●                                     |
| GPS Theft Tracking                    | ●                                    | ●                                     | ●                                     | ●                                     |
| PIN Code                              | ●                                    | ●                                     | ●                                     | ●                                     |
| Anti-Theft Alarm                      | ●                                    | ●                                     | ●                                     | ●                                     |
| Mower Lifted Alarm                    | ●                                    | ●                                     | ●                                     | ●                                     |
| Child Lock                            | ●                                    | ●                                     | ●                                     | ●                                     |

○ Optional
 ● Standard - Unavailable



# Navimow i1 Series

## Effortless Lawn Care for Compact Lawns

Best smart mowing solution for lawns under 0.25 acre



# Navimow i1 Series

## Full Connection

4G\*, Wi-Fi and Bluetooth connectivity

\* Accessory (Navimow Access+) required. Sold separately.

## Adjustable Cutting Height

Cutting height adjustable from 2–3.6 in

## Ultra-low Noise

Operates at just 58 dB(A)

## EFLS™ 2.0

Enhanced with visual recognition, stable inch-level positioning for diverse lawn layouts



## Clear Indication

Easy-to-read status updates on a digital display screen, along with LED lights and sound cues

## Simple Control

Intuitive and easy-to-use control panel

## Easy to Wash and Clean

IP66 protection level ensures easy cleaning with a garden hose

## Easy Lift

Hidden handle for easy lift

EFLS™ 2.0: Vision-Enhanced with Inch-Level Precision

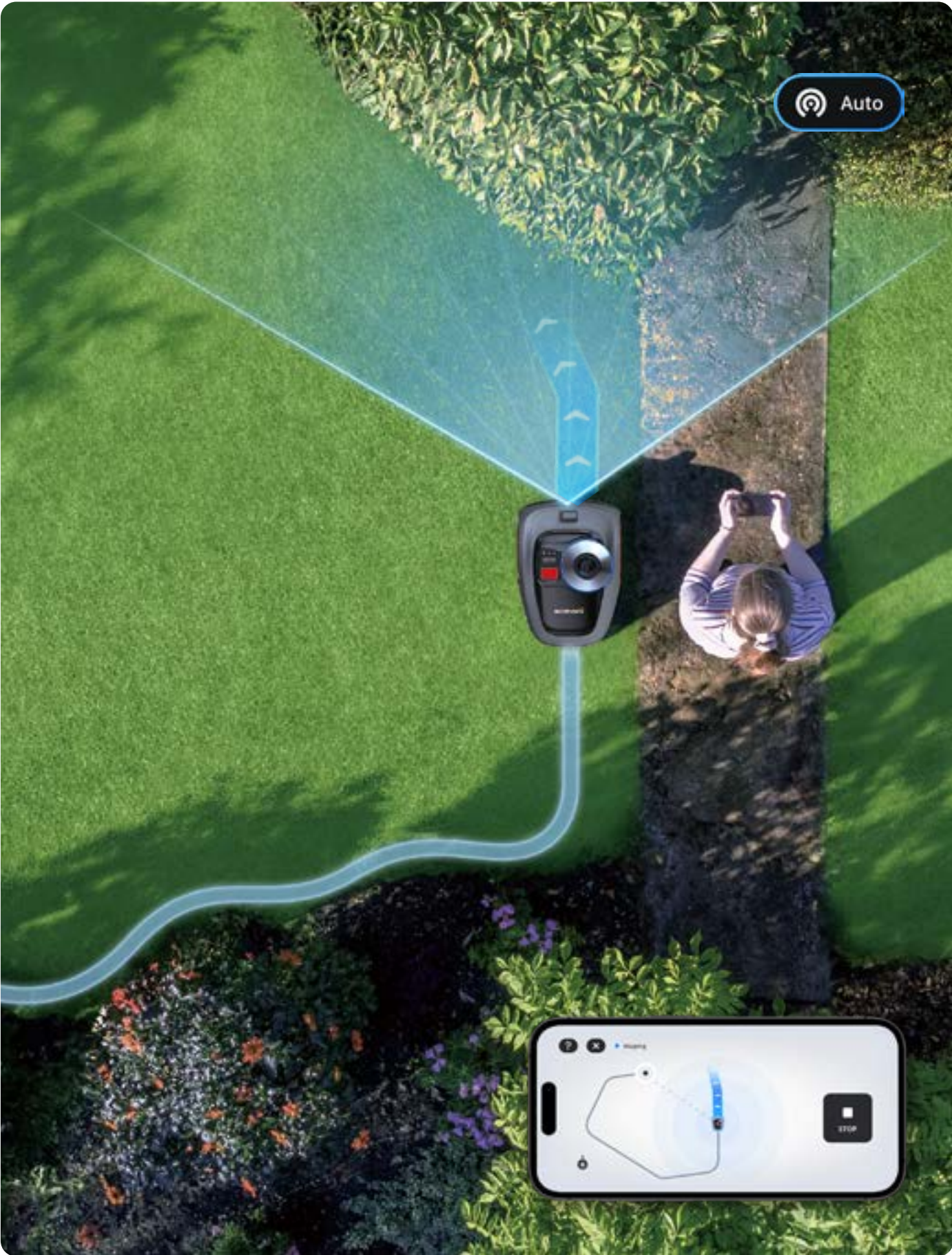
EFLS™ 2.0 elevates positioning accuracy with Visual SLAM (Simultaneous Localization and Mapping) technology, allowing the camera to create 3D maps and improve positioning in low-satellite-signal areas. Whether for large or small, simple or complex lawns, EFLS™ 2.0 consistently provides precise, reliable, and inch-level accuracy.



Effortless Mapping with AI

With the all-new AI-powered Assist Mapping feature\*, Navimow identifies the clear edges of your lawn during mapping and automatically navigates and maps the entire working area. It's that simple.

\* This feature is unavailable while adding off-limit islands and channels. Use with caution in areas with low light, unclear lawn boundaries, and height differences at the boundaries that may cause the mower to tilt or fall over.



Enhanced Edge Mowing, Delivering a Perfect Lawn Finish

**Standard Boundary:** The default standard boundary mowing mode cuts close to the edge while maintaining a safe buffer distance, meeting most mowing requirements with ease.



**Ride-on Boundary:** When switched to ride-on mode, the mower follows the edge precisely, delivering a pristine, ultra-clean finish. With enhanced edge mowing, it leaves minimal grass along the edges for a flawless result.



AI-Enhanced Obstacle Avoidance for Worry-Free Mowing

With a 140° fish-eye camera and AI algorithms, the mower distinguishes grass from over 150 common obstacles like pets, furniture, and outdoor equipment, keeping mowing safe and worry-free.

Identifies 150+ Obstacles

- |                                                                                                        |                                                                                                  |                                                                                                       |                                                                                                     |                                                                                                      |                                                                                                    |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <br>Ground Lights   | <br>People    | <br>Automobiles   | <br>Slides     | <br>Toys        | <br>Goals     |
| <br>Manhole Covers  | <br>Pavements | <br>Curbs         | <br>Hand Tools | <br>Molehills   | <br>Bushes    |
| <br>Picnic Blankets | <br>Grills    | <br>Robot Garages | <br>Chairs     | <br>Trampolines | <br>Cylinders |

Ultimate Multi-Zone Management

Smart zone management allows you to create multi-zone plans, define mowing and no-go zones, and build safe channels to connect multiple zones, supporting up to 12 zones for unmatched mowing flexibility.



Surprisingly Quiet Mowing at Just 58 dB(A)

Low-noise mowing has arrived. Whether it's early in the morning or late in the evening, this surprisingly quiet robotic mower is ready to get the job done without disturbing you or your neighbors.



| Models                                | i105                              | i110                              |
|---------------------------------------|-----------------------------------|-----------------------------------|
| Recommended Mowing Area               | 0.125 acre                        | 0.25 acre                         |
| Dimensions                            | 21.4 × 15.1 × 11.2 in             | 21.4 × 15.1 × 11.2 in             |
| Weight                                | 24.03 lbs                         | 24.03 lbs                         |
| Systematic Mowing                     | Yes                               | Yes                               |
| Cutting Height                        | 2–3.6 in                          | 2–3.6 in                          |
| Blade Adjustment Method               | Manual                            | Manual                            |
| Cutting Width                         | 7.1 in                            | 7.1 in                            |
| Number of Blades                      | 3                                 | 3                                 |
| Maximum Slope Ability                 | 30% (17°)                         | 30% (17°)                         |
| Maximum Slope Performance at Boundary | 10% (6°)                          | 10% (6°)                          |
| Battery Capacity                      | 2.55 Ah                           | 5.1 Ah                            |
| Charging Time                         | 90 min                            | 120 min                           |
| Maximum Mowing Speed                  | 1.6 ft/s                          | 1.6 ft/s                          |
| Full Charge Mowing Time               | 60 min                            | 120 min                           |
| Continuous Mowing Area per Day        | -                                 | -                                 |
| Locating System                       | EFLS™ 2.0                         | EFLS™ 2.0                         |
| Object Detection System               | VisionFence™(140° RGB Camera)     | VisionFence™(140° RGB Camera)     |
| Driving Engine                        | Front-wheel drive                 | Front-wheel drive                 |
| Noise Level                           | 58 dB(A)                          | 58 dB(A)                          |
| Supports Expansion Accessories        | No                                | No                                |
| Protection Level                      | IP66                              | IP66                              |
| Weather Resilient                     | Weather forecast                  | Weather forecast                  |
| Auto-Recharge                         | Yes                               | Yes                               |
| Smart Home Integration                | Alexa & Google Home               | Alexa & Google Home               |
| Connectivity (Bluetooth & Wi-Fi & 4G) | Bluetooth & Wi-Fi & 4G (optional) | Bluetooth & Wi-Fi & 4G (optional) |
| Display                               | LED display screen                | LED display screen                |
| App Control                           | ●                                 | ●                                 |
| OTA Updates                           | ●                                 | ●                                 |
| GPS Theft Tracking                    | ●*                                | ●*                                |
| PIN Code                              | ●                                 | ●                                 |
| Anti-Theft Alarm                      | ●*                                | ●*                                |
| Mower Lifted Alarm                    | ●                                 | ●                                 |
| Child Lock                            | ●                                 | ●                                 |

○ Optional   ● Standard - Unavailable  
 ●\*: Extended connectivity requires the Navimow Access+ 4G module



|                                           |                                                                                                                                                                                                                   |                                           |                                                                                                                                                                                                      |                                    |  |                                                                                                                                                                                                        |                                                                                     |                                                                                                                                                                                                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           |                                                                                                                                   |                                           |                                                                                                                    |                                    |  |                                                                                                                     |  |                                                                                                                                                                                                                        |
| Models                                    | X430                                                                                                                                                                                                              | X450                                      | i206 AWD                                                                                                                                                                                             | i210 AWD                           |  | i215 LiDAR                                                                                                                                                                                             | H210                                                                                | H220                                                                                                                                                                                                                   |
| Recommended Mowing Area                   | 1 acre                                                                                                                                                                                                            | 1.5 acres                                 | 0.15 acre                                                                                                                                                                                            | 0.25 acre                          |  | 0.37 acre                                                                                                                                                                                              | 0.25 acre                                                                           | 0.5 acre                                                                                                                                                                                                               |
| Time Required for Recommended Mowing Area | 15 Hours                                                                                                                                                                                                          | 23 Hours                                  | 9.6 Hours                                                                                                                                                                                            | 16 Hours                           |  | 16 Hours                                                                                                                                                                                               | 7.66 Hours                                                                          | 12.26 Hours                                                                                                                                                                                                            |
| Dimensions                                | 33.5 × 24.0 × 13.8 in                                                                                                                                                                                             | 33.5 × 24.0 × 13.8 in                     | 21.4 × 15.1 × 11.2 in                                                                                                                                                                                | 21.4 × 15.1 × 11.2 in              |  | 25 × 17.5 × 11.3 in                                                                                                                                                                                    | 24.6 × 17.5 × 11.6 in                                                               | 24.6 × 17.5 × 11.6 in                                                                                                                                                                                                  |
| Net Weight                                | 63.71 lbs                                                                                                                                                                                                         | 63.71 lbs                                 | 26.56 lbs                                                                                                                                                                                            | 27.12 lbs                          |  | 32.4 lbs                                                                                                                                                                                               | 34.51 lbs                                                                           | 35.83 lbs                                                                                                                                                                                                              |
| Locating System                           | EFLS™ NRTK (NRTK + 360° Vision + VIO)                                                                                                                                                                             | EFLS™ NRTK (NRTK + 360° Vision + VIO)     | EFLS™ NRTK (NRTK + Vision)                                                                                                                                                                           | EFLS™ NRTK (NRTK + Vision)         |  | EFLS™ LiDAR (LiDAR + Vision)                                                                                                                                                                           | EFLS™ LiDAR* (LiDAR + NRTK + Vision)                                                | EFLS™ LiDAR* (LiDAR + NRTK + Vision)                                                                                                                                                                                   |
| Object Detection System                   | VisionFence™ (360° RGB Camera + ToF)                                                                                                                                                                              | VisionFence™ (360° RGB Camera + ToF)      | VisionFence™ (140° RGB Camera)                                                                                                                                                                       | VisionFence™ (140° RGB Camera)     |  | VisionFence™ (LiDAR + 140° RGB Camera)                                                                                                                                                                 | VisionFence™ (140° RGB Camera + LiDAR)                                              | VisionFence™ (140° RGB Camera + LiDAR)                                                                                                                                                                                 |
| Driving Engine                            | 4WD with dual independent steering motors                                                                                                                                                                         | 4WD with dual independent steering motors | 3 AWD                                                                                                                                                                                                | 3 AWD                              |  | 2 Rear Wheels                                                                                                                                                                                          | 2 Rear Wheels                                                                       | 2 Rear Wheels                                                                                                                                                                                                          |
| Noise Level                               | 68 dB(A)                                                                                                                                                                                                          | 68 dB(A)                                  | 59 dB(A)                                                                                                                                                                                             | 59 dB(A)                           |  | 59 dB(A)                                                                                                                                                                                               | 60 dB(A)                                                                            | 60 dB(A)                                                                                                                                                                                                               |
| Protection Level                          | IP66                                                                                                                                                                                                              | IP66                                      | IP66                                                                                                                                                                                                 | IP66                               |  | IP66                                                                                                                                                                                                   | IP66                                                                                | IP66                                                                                                                                                                                                                   |
| Weather Adaptive                          | Weather Forecast + Rain Sensor                                                                                                                                                                                    | Weather Forecast + Rain Sensor            | Weather Forecast                                                                                                                                                                                     | Weather Forecast                   |  | Weather Forecast                                                                                                                                                                                       | Weather Forecast + Rain Sensor                                                      | Weather Forecast + Rain Sensor                                                                                                                                                                                         |
| Maximum Slope Ability                     | 84% (40°)                                                                                                                                                                                                         | 84% (40°)                                 | 45% (24°)                                                                                                                                                                                            | 45% (24°)                          |  | 45% (24°)                                                                                                                                                                                              | 45% (24°)                                                                           | 45% (24°)                                                                                                                                                                                                              |
| Auto-Mapping                              | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Auto-Recharge                             | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Offset                                    | 2.8 in (5.9 in for gentle slopes)                                                                                                                                                                                 | 2.8 in (5.9 in for gentle slope)          | 1.57 in                                                                                                                                                                                              | 1.57 in                            |  | 1.18 in                                                                                                                                                                                                | 1.18 in                                                                             | 1.18 in                                                                                                                                                                                                                |
| Multi-Zone Management                     | 120                                                                                                                                                                                                               | 120                                       | 20                                                                                                                                                                                                   | 20                                 |  | 20                                                                                                                                                                                                     | 30                                                                                  | 30                                                                                                                                                                                                                     |
| GeoSketch™                                | Yes                                                                                                                                                                                                               | Yes                                       | No                                                                                                                                                                                                   | No                                 |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Battery Capacity                          | 12.8 Ah                                                                                                                                                                                                           | 12.8 Ah                                   | 2.55 Ah                                                                                                                                                                                              | 5.1 Ah                             |  | 7.65 Ah                                                                                                                                                                                                | 5.1 Ah                                                                              | 10 Ah                                                                                                                                                                                                                  |
| Charging Time                             | 90 min                                                                                                                                                                                                            | 90 min                                    | 60 min                                                                                                                                                                                               | 120 min                            |  | 130 min                                                                                                                                                                                                | 70 min                                                                              | 120 min                                                                                                                                                                                                                |
| Full Charge Mowing Time                   | 110 min                                                                                                                                                                                                           | 110 min                                   | 60 min                                                                                                                                                                                               | 120 min                            |  | 160 min                                                                                                                                                                                                | 110 min                                                                             | 220 min                                                                                                                                                                                                                |
| Mowing Area per Charge                    | 0.22 acre                                                                                                                                                                                                         | 0.27 acre                                 | 0.03 acre                                                                                                                                                                                            | 0.06 acre                          |  | 0.105 acre                                                                                                                                                                                             | 0.086 acre                                                                          | 0.22 acre                                                                                                                                                                                                              |
| Mowing Area per Hour                      | 0.12 acre                                                                                                                                                                                                         | 0.15 acre                                 | 0.03 acre                                                                                                                                                                                            | 0.03 acre                          |  | 0.0395 acre                                                                                                                                                                                            | 0.047 acre                                                                          | 0.06 acre                                                                                                                                                                                                              |
| Cutting Height                            | 0.75–4 in                                                                                                                                                                                                         | 0.75–4 in                                 | 2–3.6 in                                                                                                                                                                                             | 2–3.6 in                           |  | 2–4 in (0.8–2.8 in with low-cutting kit)                                                                                                                                                               | 2–4 in (0.8–2.8 in with low-cutting kit)                                            | 2–4 in (0.8–2.8 in with low-cutting kit)                                                                                                                                                                               |
| Cutting Height Adjustment Method          | Auto                                                                                                                                                                                                              | Auto                                      | Manual                                                                                                                                                                                               | Manual                             |  | Auto                                                                                                                                                                                                   | Auto                                                                                | Auto                                                                                                                                                                                                                   |
| Cutting Width                             | 17 in                                                                                                                                                                                                             | 17 in                                     | 7.1 in                                                                                                                                                                                               | 7.1 in                             |  | 8.66 in                                                                                                                                                                                                | 8.66 in                                                                             | 8.66 in                                                                                                                                                                                                                |
| Floating Cut System                       | Yes                                                                                                                                                                                                               | Yes                                       | No                                                                                                                                                                                                   | No                                 |  | No                                                                                                                                                                                                     | No                                                                                  | No                                                                                                                                                                                                                     |
| Anti-Clogging Cutting Disc                | Yes                                                                                                                                                                                                               | Yes                                       | No                                                                                                                                                                                                   | No                                 |  | No                                                                                                                                                                                                     | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Cutting Disc                              | 2 Discs, 12 Blades                                                                                                                                                                                                | 2 Discs, 12 Blades                        | 1 Disc, 5 Blades                                                                                                                                                                                     | 1 Disc, 5 Blades                   |  | 1 Disc, 6 Blades                                                                                                                                                                                       | 1 Disc, 6 Blades                                                                    | 1 Disc, 6 Blades                                                                                                                                                                                                       |
| GPS Tracking                              | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Out-of-Boundary Alarm                     | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Lifted Alarm                              | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Proximity Unlock                          | Yes                                                                                                                                                                                                               | Yes                                       | No                                                                                                                                                                                                   | No                                 |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Find My                                   | Yes                                                                                                                                                                                                               | Yes                                       | No                                                                                                                                                                                                   | No                                 |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
| Object Recognition                        | 200+                                                                                                                                                                                                              | 200+                                      | 150+                                                                                                                                                                                                 | 150+                               |  | 200+                                                                                                                                                                                                   | 200+                                                                                | 200+                                                                                                                                                                                                                   |
| Warranty                                  | Device: 3 Years / Battery: 2 Years                                                                                                                                                                                | Device: 3 Years / Battery: 2 Years        | Device: 3 Years / Battery: 2 Years                                                                                                                                                                   | Device: 3 Years / Battery: 2 Years |  | Device: 3 Years / Battery: 2 Years                                                                                                                                                                     | Device: 3 Years / Battery: 2 Years                                                  | Device: 3 Years / Battery: 2 Years                                                                                                                                                                                     |
| Smart Home Integration                    | Alexa & Google Home                                                                                                                                                                                               | Alexa & Google Home                       | Alexa & Google Home                                                                                                                                                                                  | Alexa & Google Home                |  | Alexa & Google Home                                                                                                                                                                                    | Alexa & Google Home                                                                 | Alexa & Google Home                                                                                                                                                                                                    |
| Connectivity                              | Bluetooth & Wi-Fi & Cellular*                                                                                                                                                                                     | Bluetooth & Wi-Fi & Cellular *            | Bluetooth & Wi-Fi & Cellular *                                                                                                                                                                       | Bluetooth & Wi-Fi & Cellular *     |  | Bluetooth & Wi-Fi & Cellular *                                                                                                                                                                         | Bluetooth & Wi-Fi & Cellular *                                                      | Bluetooth & Wi-Fi & Cellular *                                                                                                                                                                                         |
| Display                                   | 3.5-in Color LCD Screen                                                                                                                                                                                           | 3.5-in Color LCD Screen                   | LED Digital Display                                                                                                                                                                                  | LED Digital Display                |  | 2.4-in Color LCD Screen                                                                                                                                                                                | 2.4-in Color LCD Screen                                                             | 2.4-in Color LCD Screen                                                                                                                                                                                                |
| OTA Updates                               | Yes                                                                                                                                                                                                               | Yes                                       | Yes                                                                                                                                                                                                  | Yes                                |  | Yes                                                                                                                                                                                                    | Yes                                                                                 | Yes                                                                                                                                                                                                                    |
|                                           | *Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for X430 and 2 years free for X450, renewable annually. |                                           | *Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for all i2 AWD models, renewable annually. |                                    |  | *Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for all i2 LiDAR models, renewable annually. |                                                                                     | *Connect+ (Cellular Connection): Offers a 4G connection for GPS tracking and the Geo-Fence alarm, enabling real-time mower location tracking. 1 year free for H210 and H220 models, renewable for all models annually. |

|                                       |                                                                                   |                                       |                                       |                                       |
|---------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
|                                       |  |                                       |                                       |                                       |
| Models                                | X315                                                                              | X330                                  | X350                                  | X390                                  |
| Recommended Mowing Area               | 0.5 acre                                                                          | 1 acre                                | 1.5 acres                             | 2.5 acres                             |
| Dimensions                            | 27.5 × 21.7 × 12.1 in                                                             | 27.5 × 21.7 × 12.1 in                 | 27.5 × 21.7 × 12.1 in                 | 27.5 × 21.7 × 12.1 in                 |
| Weight                                | 43.1 lbs                                                                          | 43.7 lbs                              | 43.7 lbs                              | 43.9 lbs                              |
| Systematic Mowing                     | Yes                                                                               | Yes                                   | Yes                                   | Yes                                   |
| Cutting Height                        | 2–4 in                                                                            | 2–4 in                                | 2–4 in                                | 2–4 in                                |
| Blade Adjustment Method               | Auto                                                                              | Auto                                  | Auto                                  | Auto                                  |
| Cutting Width                         | 9.3 in                                                                            | 9.3 in                                | 9.3 in                                | 9.3 in                                |
| Number of Blades                      | 6                                                                                 | 6                                     | 6                                     | 6                                     |
| Maximum Slope Ability                 | 50% (27°)                                                                         | 50% (27°)                             | 50% (27°)                             | 50% (27°)                             |
| Maximum Slope Performance at Boundary | 25% (14°)                                                                         | 25% (14°)                             | 25% (14°)                             | 25% (14°)                             |
| Battery Capacity                      | 6 Ah                                                                              | 8 Ah                                  | 10 Ah                                 | 12.8 Ah                               |
| Charging Time                         | 60 min                                                                            | 65 min                                | 80 min                                | 100 min                               |
| Maximum Mowing Speed                  | 2.6 ft/s                                                                          | 2.6 ft/s                              | 3.3 ft/s                              | 3.3 ft/s                              |
| Full Charge Mowing Time               | 120 min                                                                           | 160 min                               | 200 min                               | 240 min                               |
| Continuous Mowing Area per Day        | 0.98 acre                                                                         | 1.11 acres                            | 1.35 acres                            | 1.35 acres                            |
| Locating System                       | EFLS™ NRTK                                                                        | EFLS™ NRTK                            | EFLS™ NRTK                            | EFLS™ NRTK                            |
| Object Detection System               | VisionFence™ (300° RGB Camera + ToF)                                              | VisionFence™ (300° RGB Camera + ToF)  | VisionFence™ (300° RGB Camera + ToF)  | VisionFence™ (300° RGB Camera + ToF)  |
| Driving Engine                        | Rear-wheel drive                                                                  | Rear-wheel drive                      | Rear-wheel drive                      | Rear-wheel drive                      |
| Noise Level                           | 60 dB(A)                                                                          | 60 dB(A)                              | 60 dB(A)                              | 60 dB(A)                              |
| Supports Expansion Accessories        | Yes                                                                               | Yes                                   | Yes                                   | Yes                                   |
| Protection Level                      | IP66                                                                              | IP66                                  | IP66                                  | IP66                                  |
| Weather Resilient                     | Weather forecast + rain sensor                                                    | Weather forecast + rain sensor        | Weather forecast + rain sensor        | Weather forecast + rain sensor        |
| Auto-Recharge                         | Yes                                                                               | Yes                                   | Yes                                   | Yes                                   |
| Smart Home Integration                | Alexa & Google Home                                                               | Alexa & Google Home                   | Alexa & Google Home                   | Alexa & Google Home                   |
| Connectivity (Bluetooth & Wi-Fi & 4G) | Bluetooth & Wi-Fi & 4G (1 year free)                                              | Bluetooth & Wi-Fi & 4G (2 years free) | Bluetooth & Wi-Fi & 4G (3 years free) | Bluetooth & Wi-Fi & 4G (5 years free) |
| Display                               | Dot-matrix display                                                                | Dot-matrix display                    | Dot-matrix display                    | Dot-matrix display                    |
| App Control                           | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| OTA Updates                           | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| GPS Theft Tracking                    | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| PIN Code                              | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| Anti-Theft Alarm                      | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| Mower Lifted Alarm                    | ●                                                                                 | ●                                     | ●                                     | ●                                     |
| Child Lock                            | ●                                                                                 | ●                                     | ●                                     | ●                                     |

○ Optional   ● Standard - Unavailable   ●\*:Extended connectivity requires the Navimow Access+ 4G module

|                                       |                                                                                     |                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                       |  |  |
|                                       | i105                                                                                | i110                                                                                |
| Recommended Mowing Area               | 0.125 acre                                                                          | 0.25 acre                                                                           |
| Dimensions                            | 21.4 × 15.1 × 11.2 in                                                               | 21.4 × 15.1 × 11.2 in                                                               |
| Weight                                | 24.03 lbs                                                                           | 24.03 lbs                                                                           |
| Systematic Mowing                     | Yes                                                                                 | Yes                                                                                 |
| Cutting Height                        | 2–3.6 in                                                                            | 2–3.6 in                                                                            |
| Blade Adjustment Method               | Manual                                                                              | Manual                                                                              |
| Cutting Width                         | 7.1 in                                                                              | 7.1 in                                                                              |
| Number of Blades                      | 3                                                                                   | 3                                                                                   |
| Maximum Slope Ability                 | 30% (17°)                                                                           | 30% (17°)                                                                           |
| Maximum Slope Performance at Boundary | 10% (6°)                                                                            | 10% (6°)                                                                            |
| Battery Capacity                      | 2.55 Ah                                                                             | 5.1 Ah                                                                              |
| Charging Time                         | 90 min                                                                              | 120 min                                                                             |
| Maximum Mowing Speed                  | 1.6 ft/s                                                                            | 1.6 ft/s                                                                            |
| Full Charge Mowing Time               | 60 min                                                                              | 120 min                                                                             |
| Continuous Mowing Area per Day        | -                                                                                   | -                                                                                   |
| Locating System                       | EFLS™ 2.0                                                                           | EFLS™ 2.0                                                                           |
| Object Detection System               | VisionFence™(140° RGB Camera)                                                       | VisionFence™(140° RGB Camera)                                                       |
| Driving Engine                        | Front-wheel drive                                                                   | Front-wheel drive                                                                   |
| Noise Level                           | 58 dB(A)                                                                            | 58 dB(A)                                                                            |
| Supports Expansion Accessories        | No                                                                                  | No                                                                                  |
| Protection Level                      | IP66                                                                                | IP66                                                                                |
| Weather Resilient                     | Weather forecast                                                                    | Weather forecast                                                                    |
| Auto-Recharge                         | Yes                                                                                 | Yes                                                                                 |
| Smart Home Integration                | Alexa & Google Home                                                                 | Alexa & Google Home                                                                 |
| Connectivity (Bluetooth & Wi-Fi & 4G) | Bluetooth & Wi-Fi & 4G (optional)                                                   | Bluetooth & Wi-Fi & 4G (optional)                                                   |
| Display                               | LED display screen                                                                  | LED display screen                                                                  |
| App Control                           | ●                                                                                   | ●                                                                                   |
| OTA Updates                           | ●                                                                                   | ●                                                                                   |
| GPS Theft Tracking                    | ●*                                                                                  | ●*                                                                                  |
| PIN Code                              | ●                                                                                   | ●                                                                                   |
| Anti-Theft Alarm                      | ●*                                                                                  | ●*                                                                                  |
| Mower Lifted Alarm                    | ●                                                                                   | ●                                                                                   |
| Child Lock                            | ●                                                                                   | ●                                                                                   |

# Navimow Commercial Solution

Smart. Professional. Productive Ground Care.



# Navimow Commercial Solution

Providing efficient, professional, and green lawn maintenance solutions, we are committed to helping partners tackle labor shortages, enhance mowing efficiency and quality, and reduce operating costs.

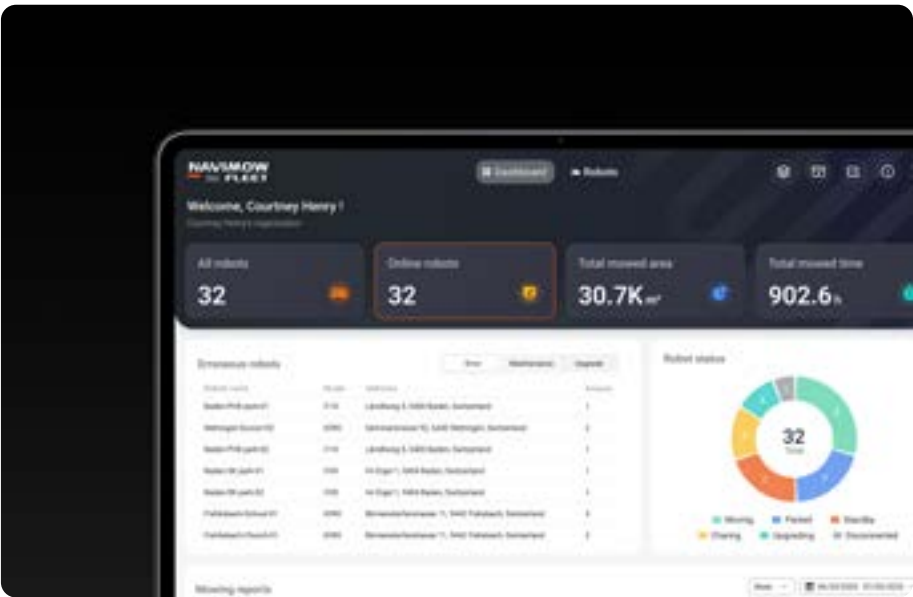
## Navimow Terranox Robotic Mowers

- Autonomous operation
- All terrain
- Precision positioning & auto-mapping system
- 24/7 continuously operation capabilities



## NavimowFleet™

- 24/7 Monitoring
- Remote mower control
- Effortless management



## Navimow Care & Support

- Full warranty
- Over 400+ service hubs
- End-to-end service



# Engineered for Large, Complex Commercial Turf Management Applications

Navimow delivers top robotic mowing solutions for 24/7 beautiful turf. Emission-free, nearly silent, our mowers offer high-quality cuts and costs savings—ideal for sports fields, city greens, hotels, etc.



Sports Turf



City Greens



Golf Courses



Hotels & Resorts

# Navimow TerranoX CM120M1 | CM240M1

Meet the next generation of commercial robotic mowers. Smart. Professional. Productive.



## Effortless Management with Navimow App

Auto Mapping Supported  
Remote Monitor and Control  
Easy Management via **NavimowFleet™**



## Efficiency Guaranteed

Maximum Mowing Area  
3 acres | 6 acres  
Time of mowing a football field: 24 hours



## Completely Green

Zero Direct Emissions



## Quiet Operaton

Under 68 dB(A)



## Highly Precise

**EFLS™ NRTK** (NRTK + 360° Vision + VIO)

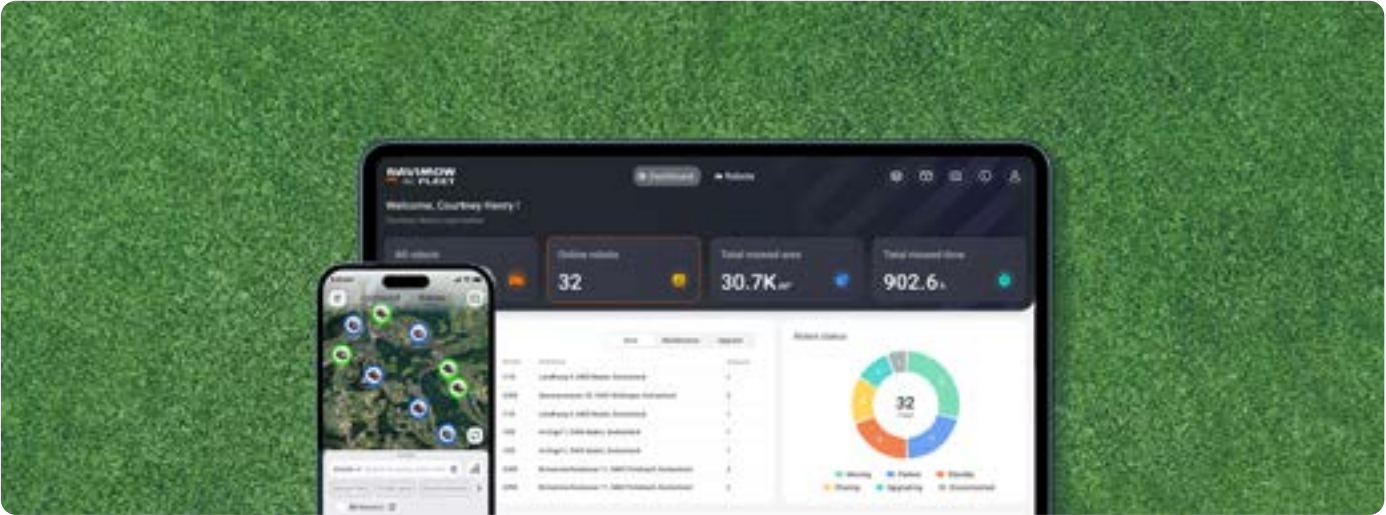


## No Grass Damage

AWD Drivetrain & Technology

# NavimowFleet™ Service

A digital tool that gives you an overview of your entire fleet – including each machine's geographical position, work performance and technical status – right on your smartphone, tablet or laptop.



24/7 Monitoring



Remote Control



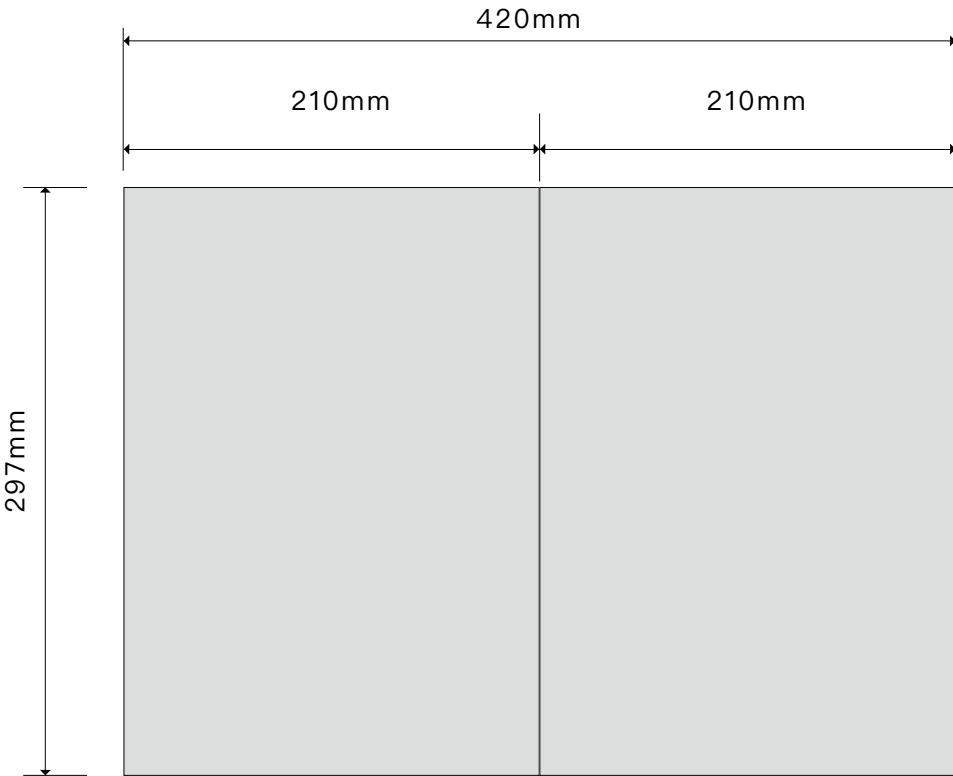
Effortless management

| Models                           | CM120M1                                   | CM240M1                                   |
|----------------------------------|-------------------------------------------|-------------------------------------------|
| Maximum Mowing Area              | 3 acres                                   | 6 acres                                   |
| Dimensions                       | 33.5 × 24.0 × 13.8 in                     | 33.5 × 24.0 × 13.8 in                     |
| Net Weight                       | 65.26 lbs                                 | 66.02 lbs                                 |
| Locating System                  | EFLS™ NRTK (NRTK + 360°Vision + VIO)      | EFLS™ NRTK (NRTK + 360°Vision + VIO)      |
| Object Detection System          | VisionFence™ (360° RGB Camera + ToF)      | VisionFence™ (360° RGB Camera + ToF)      |
| Driving Engine                   | 4WD with dual independent steering motors | 4WD with dual independent steering motors |
| Noise Level                      | 68 dB(A)                                  | 68 dB(A)                                  |
| Protection Level                 | IP66                                      | IP66                                      |
| Weather Adaptive                 | Weather Forecast + New Rain Sensor        | Weather Forecast + New Rain Sensor        |
| Maximum Slope Capability         | 84% (40°)                                 | 84% (40°)                                 |
| Antenna Installation Request     | Optional                                  | Optional                                  |
| Auto-Mapping                     | Yes                                       | Yes                                       |
| Auto-Recharge                    | Yes                                       | Yes                                       |
| Offset                           | 2.8 in (5.9 in for gentle slopes)         | 2.8 in (5.9 in for gentle slopes)         |
| Multi-Zone Management            | Yes                                       | Yes                                       |
| Signal Enhancement Antenna       | Yes                                       | Yes                                       |
| Battery Capacity                 | 20 Ah                                     | 25 Ah                                     |
| Charging Time                    | 145 min                                   | 180 min                                   |
| Full Charge Mowing Time          | 145 min                                   | 180 min                                   |
| Mowing Area per Charge           | 0.37 acre                                 | 0.5 acre                                  |
| Cutting Height                   | 0.75–4 in                                 | 0.75–4 in                                 |
| Cutting Height Adjustment Method | Auto                                      | Auto                                      |
| Cutting Width                    | 17 inch                                   | 17 inch                                   |
| Floating Cut System              | Yes                                       | Yes                                       |
| Anti-Clogging Cutting Disc       | Yes                                       | Yes                                       |
| Cutting Disc                     | 2 discs, 12 blades                        | 2 discs, 12 blades                        |
| GPS Tracking                     | Yes                                       | Yes                                       |
| Out-of-Boundary Alarm            | Yes                                       | Yes                                       |
| Object Recognition               | 200+                                      | 200+                                      |
| Warranty                         | Device: 2 Years / Battery: 1 Year         | Device: 2 Years / Battery: 1 Year         |
| Connectivity                     | Bluetooth & Wi-Fi & Cellular              | Bluetooth & Wi-Fi & Cellular              |
| Display                          | 3.5-in Color LCD Screen                   | 3.5-in Color LCD Screen                   |
| OTA Updates                      | Yes                                       | Yes                                       |



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|    |     |  |            |                       |
|----|-----|--|------------|-----------------------|
| 图示 |     |  | 成型尺寸       | 210*297mm             |
| —  | 裁切线 |  | 展开尺寸       | 420*297mm             |
| —  | 出血线 |  | 装订方式       | 胶装                    |
|    |     |  | 纸张规格       | 封面：250g 双铜；内页 100g 双铜 |
|    |     |  | 公差（无特殊说明下） |                       |



技术说明：

- 1、材质：封面 250g 铜版纸，覆哑膜，内页 100g 铜版纸
- 2、印刷颜色：CMYK，Pantone 172C  PANTONE Cool Gray 6 C
- 3、外观工艺要求：图案、字体完整，清晰；表面洁净；不许有明显的外观不良
- 4、其它：化学环保要求：欧盟 ROHS;REACH–SVHC;REACH 附录 17; POPs;TSCA;CA65;TPCH 新增 ;MOAH&MOSH;

|     |                         |          |    |        |        |     |               |
|-----|-------------------------|----------|----|--------|--------|-----|---------------|
|     |                         |          |    | 工艺类别   |        |     | S26 Catalogue |
|     |                         |          |    | 营销物料定制 |        |     |               |
|     |                         |          |    | 等级     | 质量     |     | /             |
| 标记  | 处数                      | 更改文件号    |    | B      |        |     |               |
| 设计  | 盛宏倩 赵洋<br>杨淦存 毛明<br>王姝丹 | 20261113 |    | 版本     | 图幅     | 比例  |               |
|     |                         |          | 审核 | A      | —      | 1:1 |               |
| 校准  | 市场部                     | 20261113 |    | 投影视角   |        |     | Navimow       |
| 标准化 |                         |          | 批准 | 第 1 页  | 共 64 页 |     |               |

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