

# GRASS MOWER ROBOT LIDAX/ULTRA 1600 MXXM5100 MOVA

Model: MXXM5100

Manufacturer: MOVA

EAN: 6977973410638

Product Code: 405721

## R32,189

**iDAX Ultra 1000&2000**

**Powered by 3D LiDAR Intelligence. Designed for Every Lawn.**

With UltraView™ 2.0 sensing—combining 360° 3D LiDAR and AI vision—LiDAX Ultra 1000 and 2000 achieve centimeter-level navigation without boundary wires or RTK setup. UltraTrim™ 1.0 delivers exact edge performance, supported by real-time obstacle intelligence and pet-safe operation. Ultra 1000 is designed for lawns up to 0.25 acre with effortless RTK-free deployment. Ultra 2000 extends coverage to 0.5 acre, offering enhanced sensing precision and smarter navigation for mid-size yards.

**Environmental Sensing**

**UltraView™ 2.0**

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With AI vision and 360° 3D LiDAR, the mower AI-assisted auto-maps your yard in 3D with centimeter accuracy—no wires or RTK stations needed, even in complex layouts, under dim or harsh light. Power on and mow anywhere with ease.

**Switch On. Map Ready. Mow Anywhere**

With AI-assisted auto mapping, the LiDAX Ultra Series needs no boundary wires, RTK stations. Power it on, and in just minutes, it maps your lawn with centimeter-level precision—ready for mowing before your coffee is done.

**Handle Two Yards with One Mower**

Manage up to 2 independent maps—ideal for separate front and back yards or multiple properties. Set tailored mowing plans for each zone, saving time and removing the need for a second mower.

**Smart Zone Control, Effortless Mowing**

With the MOVAhome App, you can manage multiple zones with custom directions, efficiency levels, and mowing settings for each area. Define no-go zones—such as swimming pools or garden facilities—for intelligent avoidance. Create dedicated channels for moving between zones or charging.

**Precise Edge Trimming with**
**UltraTrim™ 1.0**

With UltraTrim™ 1.0,the mower cuts within 2" of walls, hedges and raised edges. A movable disc covers gaps to minimize misses. For flush lawn-pavement edges, it rides on edges for clean, precise cuts.

**Conquer Complex Terrain**

The rear-wheel drive system and off-road wheels provide strong traction, climbing slopes up to 45% and overcoming obstacles up to 4cm high and pits, with ease. It also handles uneven terrain, challenging weather, and maintains lawn-friendly operation.

**Smooth Narrow Pathway Crossing**

Pass through spaces as narrow as 23.6"* with precise, consistent mowing. Powered by UltraView™ 2.0 Environmental Sensing Technology, the LiDAX Ultra Series senses its environment for smooth

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navigation through tight lawn passages.

**Efficient Mowing, Effortless Lawn Care**

The LiDAX Ultra Series mows every inch of your lawn using U-shaped path planning, ensuring even, precise cuts. When the battery runs low, the mower automatically returns to the charging station and resumes mowing exactly where it left off.

**Tailor Your Turf, Swift and Sharp**

**Smart Floating Cutting System**

The LiDAX Ultra Series features an advanced floating cutting system that adapts seamlessly to every contour of your lawn. Its dynamic blade suspension moves smoothly up and down, giving you an even, precise cut every time.

**Adjustable Cutting Height**

Adjust the cutting height directly from your MOVAhome App to match your ideal lawn style. With a simple tap, choose the perfect grass length—anywhere from 1.2" to 3.9"*—for a consistently neat and well-groomed finish.

**Signal Assurance**

**Accurate Positioning Anywhere**

Powered by advanced 360° 3D LiDAR, AI vision, and intelligent algorithms, UltraView™ 2.0 operates independently of GPS for reliable navigation. Achieve continuous precise positioning and efficient mowing—day or night, in bright, low-light, or weak-signal conditions.

**3D Obstacle Avoidance**

Powered by 3D point cloud data and advanced AI vision, the LiDAX Ultra Series detects and avoids over 300 types of lawn obstacles—from large outdoor furniture to small yard items. Continuous algorithm upgrades enhance recognition accuracy and safety, ensuring smooth, worry-free mowing for your family and pets.

**TrueGuard™ Security: Your 24/7 Garden Sentinel**

The LiDAX Ultra Series features TrueGuard™, an intelligent security system that keeps your garden

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safe day and night. It continuously monitors the surroundings, detects potential risks, and alerts you when needed—so you can enjoy complete peace of mind outdoors.

**Animal-Friendly Mode: Extra Safe for Animals**

- Low-Speed Safety Mode
- Custom Animal Activity Zones
- Do-Not-Disturb Mode
- Keep your lawn wildlife safe day and night, powered by intelligent detection and avoidance systems.

**Anti-Theft Protection: Smart Security**

Keep your mower safe anytime, powered by real-time connectivity and intelligent alerts.

**Link Services**

Features built-in 4G real-time tracking. Track your mower via Google Maps, receive instant alerts if it leaves mapped areas—even without Wi-Fi.

**Lift-Up Alerts**

Triggers an alarm and sends instant app notifications if the mower is lifted or tampered with.

**AirTag Compatibility**

Securely place an AirTag* in the dedicated slot for an extra layer of protection.

**Adjustable Mowing Efficiency**

The mower offers 2 adjustable levels of mowing efficiency to meet your specific needs

**Enjoy clean, emission-free mowing**

Powered by a lithium battery, the mower operates quietly and sustainably, unlike traditional gasoline mowers.

With customizable charging periods, the mower maintains safe standby power and fully recharges only at scheduled times, reducing energy use for greener lawn care.

**Turn your lawn into a canvas**

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Choose from heart, square or other creative patterns via the MOVAhome App, and enjoy a visually stunning, artistic lawn.

**Protect your lawn and mower automatically**

The LiDAX Ultra Series detects rain and snow with a rain sensor, returns to the charging station, and resumes mowing once conditions improve, all without manual intervention.

**Enjoy a peace-of-mind quiet operation**

Enjoy a peaceful weekend while the LiDAX Ultra Series mows aunder 57 dB*, quietly keeping your lawn tidy without disturbance.

**Clean your mower effortlessly**

Set custom cleaning points in the App and start with one tap. The LiDAX Ultra Series moves automatically, no manual transport needed, and IPX6 waterproofing allows quick rinsing of the exterior and underside.

**Cuts like a pro, blends like a natural.**

While it handles the lawn, you get your time back—right where it belongs.

- UltraView™ 2.0: RTK-Free Setup, AI-Assisted Auto-Mapping with 360° 3D LiDAR
- UltraTrim™ 1.0: < 5cm with Movable Disc
- AI Detects 300+ Obstacles & Protects Pets
- All-Terrain Capability: 45% Slopes, 4cm Obstacles
- U-Shape Path & Long Runtime for Mowing Efficiency
- Dual Maps & Up to 150 Managed Zones
- TrueGuard™ Live Video & Patrol for Garden Security
- 3-10cm Adjustable Cutting Height
- User-Friendly: Smart 4G Anti-Theft, Anti-Lift, Safety, Low Noise (Link Module Optional)

Summary: MOVA LiDAX Ultra 1600. Type: Robotic lawn mower, Maximum lawn area: 1600 m², Cutting width: 20 cm. Power source: Battery, Charging current: 3 A, Charging time: 65 h. Width: 444 mm, Depth: 666 mm, Height: 273 mm | Vendor Homepage: https://www.mova.tech/products/lidax-ultra-series-robotic-lawn-mower?variant=47494872334575 | Type: Robotic lawn mower | Maximum lawn area: 1600 | Cutting width: 200 | Maximum cutting height: 100 | Minimum cutting height: 30 |

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Grass catcher: No | Drive type: Rear wheel drive | Lift sensor: Yes | Easy storage: Yes | International Protection (IP) code: IPX6 | Maximum working climb: 45 | Multi-Zone capability: Yes | Noise level: 57 | Number of zones: 170 | Protection features: Waterproof | Smartphone/tablet remote support: Yes | Theft protection: Yes | Product colour: Black/Red | Power source: Battery | Charging current: 3 | Charging time: 65 | Battery capacity: 5 | Battery life (max): 80 | Battery life (min): 60 | Width: 444 | Depth: 666 | Base station: Yes | Height: 273 | Replacement blades: Yes | Manual: Yes | Power adapter included: Yes | Weight: 13800 | Unit Calculated Weight: 23.8 | Battery weight: 1000 | Battery: Lithium-Ion rechargeable | Product Net Weight: 13.8 | Unit Calculated Volume: 0.1885 | Units per Shipping Box: 1 | Unit Width: 51 | Units per Pallet: 0 | Shipping Box Height: 42 | Unit Depth: 88 | Unit Height: 42 | Name: GRASS MOWER ROBOT LIDAX/ULTRA 1600 MXXM5100 MOVA

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