



AM ROBOTS

STORM[®]

The first robotic mower with LDI.

Perfect fit for every garden.

STORM 2000, STORM 4000, and STORM 6000 work with revolutionary LDI Technology. **STORM** offers unlimited capabilities without any external sources like RTK, boundary cable, poles or 4G connections.

STORM is ideal for both private gardens and larger green areas, and it's the first self-reliant intelligent robot that makes lawn maintenance a worry-free task.

THE **LDI** – Technology is a combined solution of 3D **Laser** Mapping, **Direct** AI processor, and **Imaging** for an obstacle avoidance system.

This technology enables the robot to navigate around or under trees, bushes, or close to reinforced walls without physical boundaries.

STORM is 100% self-reliant and can anticipate its route and avoid moving objects in its surroundings.



Floating cutting disc with a non-stick surface

WHY CHOOSE STORM

The robot mower of the future

01

LDI Technology

The first fully functional robot mower with Laser 3D mapping, advanced camera imaging, and powerful AI navigation.

Easy to install - effortless usage.

02

Complete App Control

Control and adjust settings in real time via the app.

Easily modify mowing height, angle, path, and manage no-go and cutting zones, whilst tracking performance and location.

03

Service

STORM offers the latest features and direct Over-The-Air updates.

In case of repairs, we provide spare parts, troubleshooting videos, and the option to transfer cutting maps to another device.

FEATURES

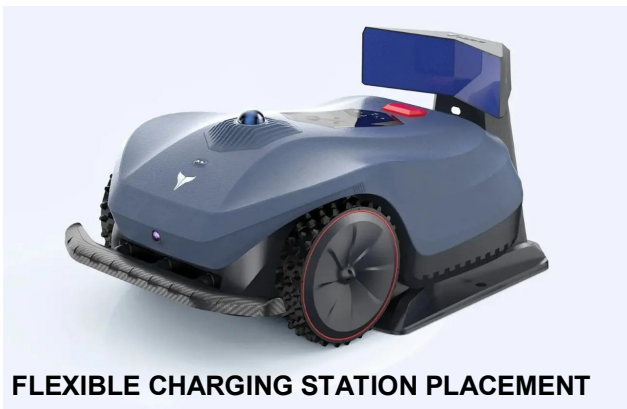
- ✓ Moveable object avoidance, detects obstacles as small as **1 cm wide** and **15 cm high**.
- ✓ Climb slopes of up to **45%**
- ✓ **28 cm** cutting width and cutting height from **3 cm to 8.5 cm**.
- ✓ Unlimited **cutting areas** and **no-go zones**
- ✓ Effortless mowing **everywhere** without **external signals**
- ✓ 24/7 scheduling and operations
- ✓ Large battery capacity, up to **17.5Ah**, for long working sessions
- ✗ No boundary and guide wires required
- ✗ No RTK/GPS signal required
- ✗ No external technology, fully self-contained
- ✗ Unaffected by trees, buildings or cloud cover



EFFICIENT AND UNIFORM LAWN COVERAGE

STORM works in an efficient, systematic way for even coverage of the lawn that saves time and battery life by reducing overlap.

Configure the mowing angle in the app.



FLEXIBLE CHARGING STATION PLACEMENT

The charging station can be placed indoors or outdoors, on the grass or off the grass, depending on your preference.

As long as STORM can drive from the charging station to the mowing zones and back without obstruction you are free position the docking station anywhere.



28 CM WIDE CUT, CLEAN FINISH

The 28cm cutting width and 5-blade system deliver a fast, smooth cut for a professional finish with every mow.

NO CLOG, SMOOTH MOWING

The unique blade barrier keeps grass out of the cutting area, ensuring uninterrupted mowing.

TERRAIN-SYNC DISC

The floating blade disc automatically adjusts to Your lawn's surface, providing an even, smooth cut on all terrains.

SEAMLESS NAVIGATION

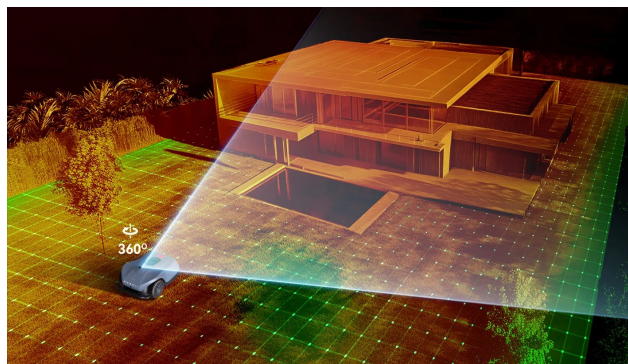
Easily glides through 77cm spaces and between zones without missing a spot.

HIGH RESOLUTION 3D MAPPING

The LiDAR emits 200,000 laser beams per second to build a precise 3D map of the garden. VSLAM and AI technology tell STORM where it is within the map.

TRIPLE OBJECT AVOIDANCE

Using a combination of LiDAR and Vision, STORM can safely navigate the lawn and any obstacles. The bumper bar is there as an extra fail-safe for sudden unexpected objects.



STORM Model Specifications

	STORM 2000	STORM 4000	STORM 6000
Navigation System			
Positioning & Navigation	LDI Technology	LDI Technology	LDI Technology
Obstacle Avoidance	Laser/Vision/Bumper	Laser/Vision/Bumper	Laser/Vision/Bumper
Route Planning	U-shaped & Grid-shaped	U-shaped & Grid-shaped	U-shaped & Grid-shaped
Continuous Cutting	✓	✓	✓
Multi-zone and No-go Zone Management	Yes (Unlimited)	Yes (Unlimited)	Yes (Unlimited)
Mowing performance			
Maximum mowing size	Up to 2000m ²	Up to 4000m ²	Up to 6000m ²
Mowing area per charge	450m ²	600m ²	900m ²
Mowing speed range	0.2-0.6m/s	0.2-0.6m/s	0.2-0.6m/s
Cutting height	30mm-85mm (1.2 in.-3.3 in.)	30mm-85mm (1.2 in.-3.3 in.)	30mm-85mm (1.2 in.-3.3 in.)
Cutting width	280mm	280mm	280mm
Max. slope	24° (45%)	24° (45%)	24° (45%)
Number of blades	5	5	5
Narrowest passage	≥ 77cm	≥ 77cm	≥ 77cm
Network control			
Connectivity	WIFI,4G,Bluetooth	WIFI,4G,Bluetooth	WIFI,4G,Bluetooth
Wi-Fi frequency	2.4GHz~2.4835GHz 5.1GHz~5.85GHz	2.4GHz~2.4835GHz 5.1GHz~5.85GHz	2.4GHz~2.4835GHz 5.1GHz~5.85GHz
OTA Upgrade	✓	✓	✓

	STORM 2000	STORM 4000	STORM 6000
Power System			
Battery type	Lithium Battery	Lithium Battery	Lithium Battery
Battery capacity	18V, 13Ah	18V, 13Ah	18V, 17.5Ah
Charging time	180 min	180 min	180 min
Mowing time on one full charge	120 min	120 min	180 min
Auto-recharge	✓	✓	✓
Battery operating temperature range	0°C~45°C	0°C~45°C	0°C~45°C
Battery storage temperature range	-20~60°C (0~25°C recommended)	-20~60°C (0~25°C recommended)	-20~60°C (0~25°C recommended)
Safety System			
Tilt sensing	✓	✓	✓
Flip sensor	✓	✓	✓
Rain detection	✓	✓	✓
Noise level	< 60dB	< 60dB	< 60dB
Waterproof level	IPX5	IPX5	IPX5
Product information			
Mowing robot dimensions	725.2 x 507.6 x 336.4mm	725.2 x 507.6 x 336.4mm	725.2 x 507.6 x 336.4mm
Charging station dimensions	520.3 x 513.7 x 388.3mm	520.3 x 513.7 x 388.3mm	520.3 x 513.7 x 388.3mm
Net Weight	22.7kg	22.7kg	23.1kg

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