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**Autonomous
mowing for elite
performance on
golf courses, sports
fields, and
beyond**



THOR **Robotic Mower**



**XDC AUTONOMOUS
SOLUTIONS**

THOR Robotic Mower

The Thor Robotic Mower is a fully autonomous, all-electric rotary mower designed for large-scale turf management. It includes a wide 730mm rotary cutting deck, RTK + vision-based navigation, rugged all-terrain wheels, charging dock, and tablet control interface. Designed for professional turf care, it handles complex mowing jobs with minimal input and maximum efficiency.

- 730mm cutting width
- Three-layer navigation – RTK, LiDAR and AI vision for unmatched precision
- Cloud-based mapping and deployment
- Dual-wheel drive with rotating axle – handles slopes and rough terrain
- Auto-return charging
- Real-time monitoring, reporting and alerts

Smarter mowing with the THOR, purpose-built for:

- Sports fields
- Golf courses and driving ranges
- Public parks and amenity areas
- Large estates and landscaped grounds



Mowing capabilities

Mowing capacity	36,000m ² per day
Max slope	25° / 46%
Cutting height	10mm–100mm / 0.4in–3.9in
Cutting width	730mm (260 mm each) / 28.7 in (10.2 in each)
Positioning technology	Base station + LiDAR + vision NTRIP supported

Physical attributes

Dimensions (LWH)	1400mm × 1050mm × 650 mm / 55.1 in x 41.3 in x 25.6 in
Weight	122 kg / 287 lbs
Ingress Protection Rating	IP64
Noise Level	≤ 90dB
Operating Temperature Range	0-55°C / 32-131°F

Sensors and safety

Rain Sensor	Yes
Collision Sensor	Yes
Anti-theft	Yes

Connectivity and control

Connectivity	Bluetooth, Wi-Fi
Mobile App	SveaMow, Available on iOS and Android
Firmware Update	OTA

Battery and runtime

Batteries	2 kWh × 1
Work Time per Charge	6-8 hours
Charging Time	2 hours (0%-100%)



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