PUDU GT7

Precision-Cut Robotic Reel Mower

- Multi-sensor Fusion & Precision Positioning
- Precision Mowing & Advanced Pattern Control
- Autonomous Cross-Zone Transit
- Broad Coverage, Tight-Space Agility
- 4WD Traction, Conquer Uneven Turf
- Extended Run-time
- Low-Noise Electric Operation
- Contour-Following Floating Cutting Units



PUDU



Multi-sensor Fusion & Precision Positioning

By merging RTK, LiDAR, and vision systems, the GT7 delivers pinpoint positioning and stable navigation. Its ±2.5 cm RTK accuracy ensures flawless consistency, unlocking fully automated, hands-free operation for every single task.



Precision Mowing & Advanced Pattern Control

The GT7 supports advanced configurations for cutting angles, directional rotation, and lane offsets. This enables automated path planning, allowing the GT7 to deliver immaculate, professional-grade turf striping that meets the strict standards of professional athletic fields.



Autonomous Cross-Zone Transit

The GT7 moves seamlessly between different pitches or turf zones along pre-mapped internal routes. Eliminating any need for manual relocation, the GT7 automatically transits and resumes mowing upon arrival, letting a single unit cover multiple sports fields effortlessly.



Low-Noise Electric Operation

An all-electric chassis ensures quiet runtime, while disabling the suction motor in non-collection mode allows near-silent operation. This enables the GT7 to mow during early mornings, evenings, and active facility hours without disruption.



4WD Traction, Conquer Uneven Turf

Built with a robust 4WD system and a 30° climbing capability, the GT7 maintains dependable traction across steep slopes and rolling terrain to eliminate tire slippage and ensure full-field autonomous coverage.



Broad Coverage, Tight-Space Agility

With a wide 62-inch triplex cutting unit, the GT7 perfectly pairs massive cutting efficiency with tight-space agility. The GT7 glides through narrow, twisting paths effortlessly, ensuring seamless coverage across complex sports field layouts.



Extended Run-time for Continuous Operation

The GT7 powers through up to 12 hours of continuous operation, covering up to 17 acres on a single charge (in non-collection mode). This extended run-time ensures the GT7 satisfies large-scale workflows without mid-day charging disruptions.



Contour-Following Floating Cutting Units

The GT7 features three independently floating cutting units that closely track ground contours. This articulated suspension ensures an ultra-consistent height-of-cut (HOC), delivering uniform cut quality even across highly undulating sports turf.

Weight (with batteries)	900 kg / 1984 lb
Dimensions (L×W×H)	1950 × 1600 × 1400 mm / 76.8 × 63.0 × 55.1 in 1950 × 1500 × 1400 mm / 76.8 × 59.1 × 55.1 in (lifted)
Width of Cut	62 in / 1600 mm
Blades per Reel	8 / 11
Charging Time (fast / standard)	Standard: 8 h (3 kW) Fast: 4 h (6 kW) Optional
Clipping Capacity	120 L / 32 gal

Height of Cut (HOC)	5 ~ 50 mm / 0.197~1.97 in
Max Mowing Speed	11 km/h / 6.7 mph / 3 m/s
Battery Capacity	26 kWh
Run-time	10~12 h
Area per Full Charge	70000 ㎡ / 17 acres / 7 ha
Mowing Rate	2 acre/h / 8000 ㎡/h
Max Slope – Mowing	30°

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