

PUDU GT5

Commercial Robotic Mower



One-Pass Cutting & Collection



Auto-Dump & Task Resumption



Extended Run-time



Auto Mapping & Rapid Deployment



Autonomous Cross-Zone Transit



360° Omnidirectional Awareness



One-Pass Cutting & Collection

The GT5 cuts, vacuums, and collects grass clippings, fallen leaves, and light turf debris simultaneously during large-scale rotary mowing. This continuous system leaves behind a spotless field, completely eliminating the need for secondary cleanups or follow-up crews.



Auto-Dump & Task Resumption

The GT5 autonomously transits to empty its hopper when full, then returns precisely to the breakpoint to continue its task. This built-in feature ensures seamless performance without requiring operator intervention.



Autonomous Cross-Zone Transit

The GT5 moves seamlessly between different pitches or turf zones along pre-mapped routes. Eliminating the need for manual handling, the GT5 automatically transits and resumes mowing upon arrival to effortlessly cover multiple fields.



Auto Mapping & Rapid Deployment

The GT5 autonomously explores the field to generate precision operational maps. Combined with online or satellite imagery to geofence target areas, it eliminates manual perimeter mapping to start cutting on new sites instantly.



Extended Run-time

The GT5 powers through up to 10 hours of continuous operation, covering up to 16 acres on a single charge. This extended run-time ensures the GT5 satisfies large-scale workflows without mid-day charging disruptions.



360° Omnidirectional Awareness

By fusing surround-view RGB, RGBD, and LiDAR, the GT5 maintains continuous spatial awareness of its surrounding environment. This comprehensive perception guarantees absolute operational safety across open facilities.



Basic Specifications

Dimensions (L × W × H)	1910 × 1586 × 1293 mm / 75.2 × 62.44 × 50.91 in
Weight (with batteries)	850 kg / 1873.93 lb
Width of Cut	60 in (1.52 m)
Height of Cut	26 mm~15.2 mm / 1 in ~ 6 in
Mowing Rate	2 acre/h / 8000 m²/h
Max Mowing Speed	11 km/h / 6.7 mph / 3 m/s

Max Slope - Mowing	20°
Battery Capacity	26kWh
Runtime	8~10h
Area per Full Charge	65000 m² / 16 acres / 6.5 ha
Charging Time (fast / standard)	Standard: 8 h (3 kW) Fast: 4 h (6 kW) Optional
Grass Box Capacity	120 L / 32 gal



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