
PUDU GT3
Commercial Compact Robotic Mower

CONTENT

About PUDU GT3

Key Features

Application Scenarios

About PUDU

Product Appearance

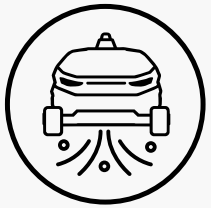
Sensors
Mowing Mechanism
Lighting System
Other



Product Spec.

Dimensions (L×W×H)	1602 x 946.6 x 1203 mm 63 x 37.3 x 47.4 in
Weight (with batteries)	450 kg / 992 lb
Platform Load Capacity	120 kg / 265 lb
IP Rating	IP66
Width of Cut	36 in / 914.4 mm
Height of Cut	26~114 mm / 1~4.5 in
Blades Qty	3
Cleaning Width	1050 mm
Grass Box Capacity	60 L / 15.9 gal
Cleaning Width	390 mm / 15.35 in
Mowing Rate (theoretical / effective)	5000 ㎡/h / 1.2 acres/h
Sweep & Vacuum Rate	3500 ㎡/h / 0.86 acre/h
Max Mowing Speed	11 km/h / 6.7 mph / 3 m/s
Max Transport Speed	11 km/h / 6.7 mph / 3 m/s
Max Slope – Mowing	20°
Max Side Slope – Mowing	20°
Battery Capacity	13 kWh
Battery Chemistry	LFP
Run-time	4~6 h
Area per Full Charge	20000 ㎡ / 5 acres / 2 ha
Area per Full Charge(Sweep & Vacuum)	15000 ㎡ / 3.7 acres / 1.5 ha
Charging Time (fast / standard)	Standard: 4 h (3 kW) Fast: 2 h (6 kW) Optional
Positioning Stack & Accuracy	±2.5 cm
Max Map Area	1000000 ㎡ / 100 ha / 247.11 acres
Remote Control Range	3 km / 9843 ft
App / Fleet Management	Support





One-Pass
Cutting & Collection



Auto-Dump &
Task Resumption



Mowing &
Sweeping



Auto Mapping &
Border Recognition



Autonomous Cross-
Zone Transit



Ultimate Edge
Sweeping

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One-Pass Cutting & Collection



The GT3 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.

Mowing & Sweeping



The GT3 handles both turf mowing and sweeping.

Disabling the blades turns the machine into a walkway cleaner, keeping your asset productive all year round.

Auto-Dump & Task Resumption



The GT3 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.

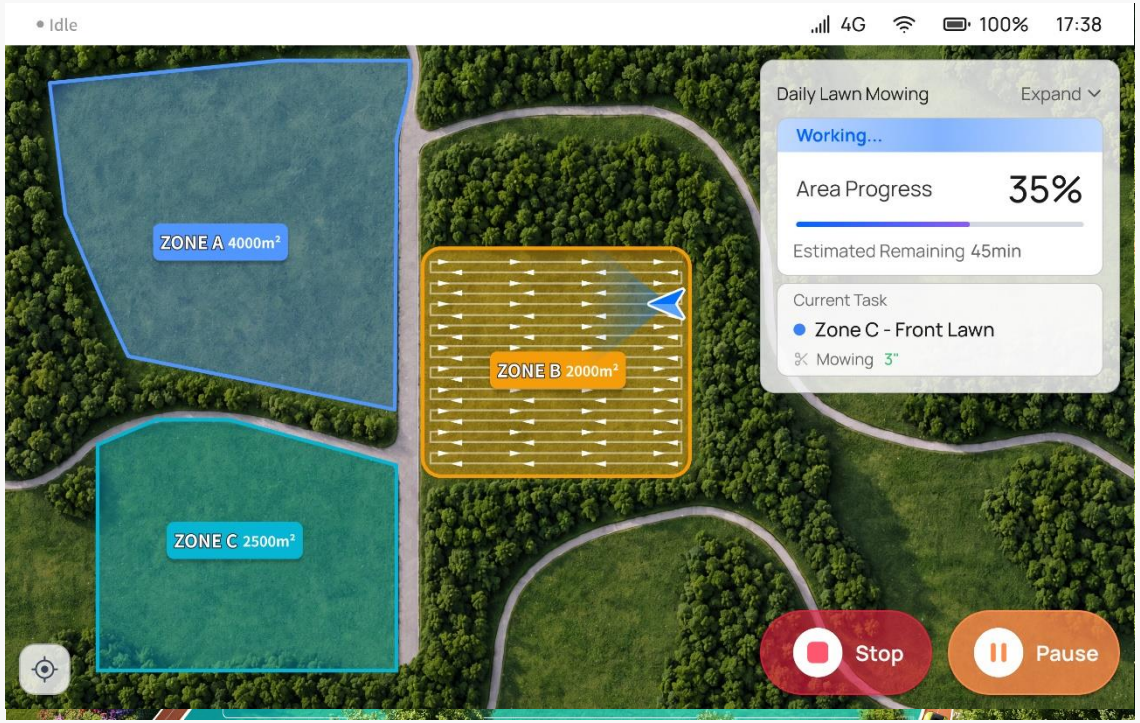
Multi-sensor Fusion & Precision Positioning



By merging RTK, LiDAR, and vision systems, the GT3 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.

Auto Mapping & Border Recognition



The GT3 generates a precise map after completing a single autonomous lap, automatically detecting the boundaries between turf and paved surfaces.

This saved layout supports manual editing for custom no-go zones and transit pathways.

Autonomous Cross-Zone Transit



The GT3 moves seamlessly between different pitches or turf zones along pre-mapped routes.

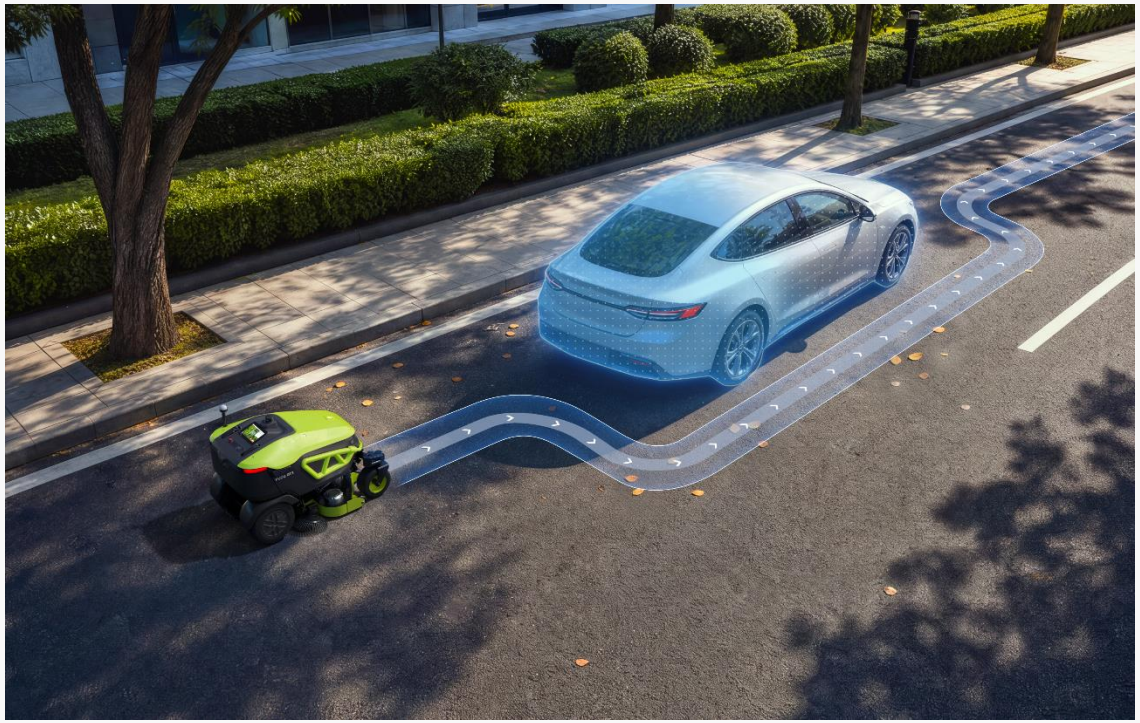
Eliminating the need for manual handling, the GT3 automatically transits and resumes mowing upon arrival to effortlessly cover multiple fields.

Ultimate Edge Sweeping



Equipped with dual sweeping brushes, the GT3 sweeps edge leaves and debris towards the vacuum intake. This design improves border cleanup and reduces manual touch-ups.

Adaptive Obstacle Avoidance



The GT3 instantly recognizes pedestrians, vehicles, and assets like hoses or light poles.

Based on risk levels, it automatically slows down, bypasses, or stops to eliminate collision risks on public turf.

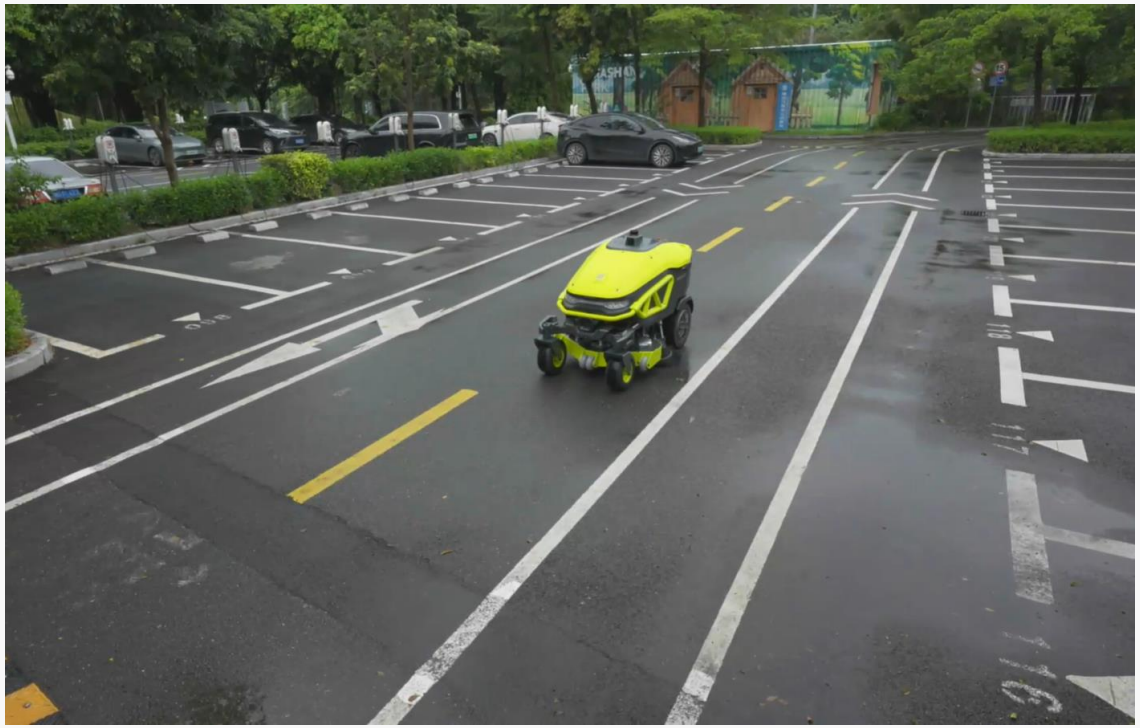
Auto Charging



The GT3 delivers 4–6 hours of continuous operation, covering up to 5 acres on a single charge.

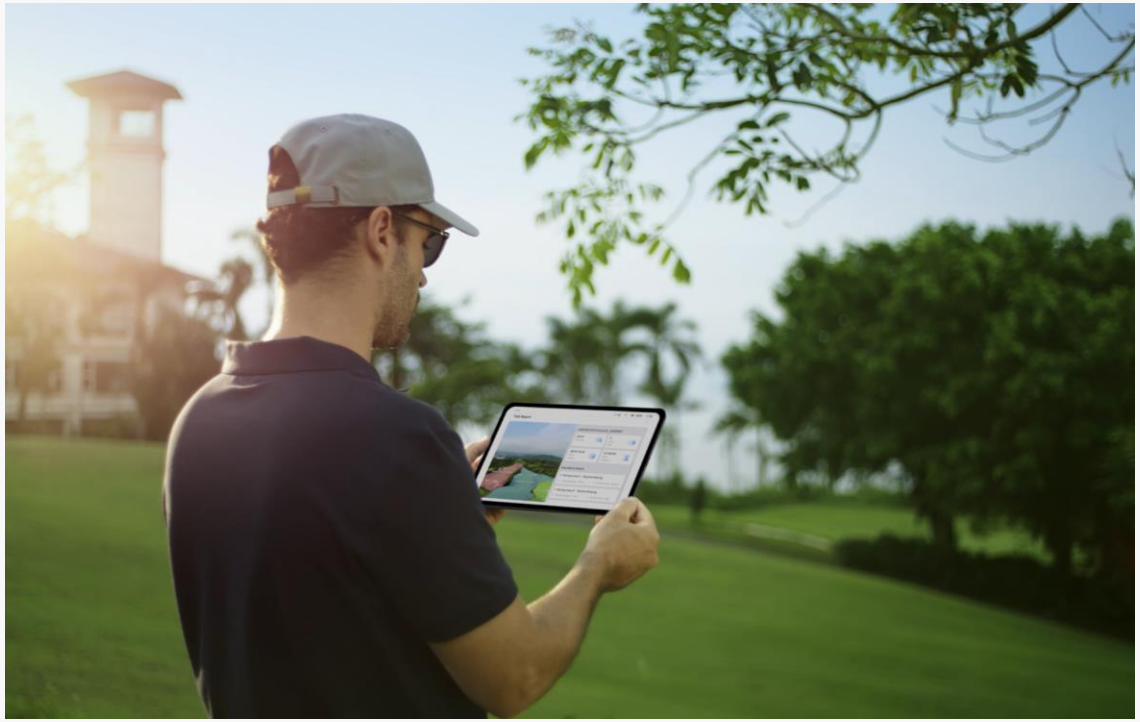
With fast charging in just about 2 hours, it minimizes downtime between tasks and keeps daily grounds care running efficiently.

All-Metal Chassis with IP66 Weatherproofing



Engineered with heavy-duty steel and an all-metal chassis rated at IP66 weather resistance, built to withstand punishing commercial schedules and harsh outdoor environments.

Remote Fleet Management



The GT3 lets managers track live location, task progress, and system health from anywhere. Instant error notifications minimize the need for manual on-site checkups, significantly optimizing operational efficiency.

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Corporate Campuses

Main Tasks: Mowing + Leaf collection+ Sweeping

- **Key Segments**
  - Corporate Campuses
  - Factories
  - Logistics Centers
  - Resorts
  - ……
- **Key Areas**
  - Open Lawns
  - Pathways
  - Streets
  - ……

Area Range:
5,000 ~ 50,000 ㎡

★ Why GT3 Fits Corporate Campuses

36 in (91.4 cm)
Cutting Width

Up to 6 Hours
Run-time

Max20,000㎡
(5 acres | 2 ha)
Area per Full Charge

Max5,000 ㎡ h
(1.2 acres/h | 0.5 ha/h)
Mowing Rate









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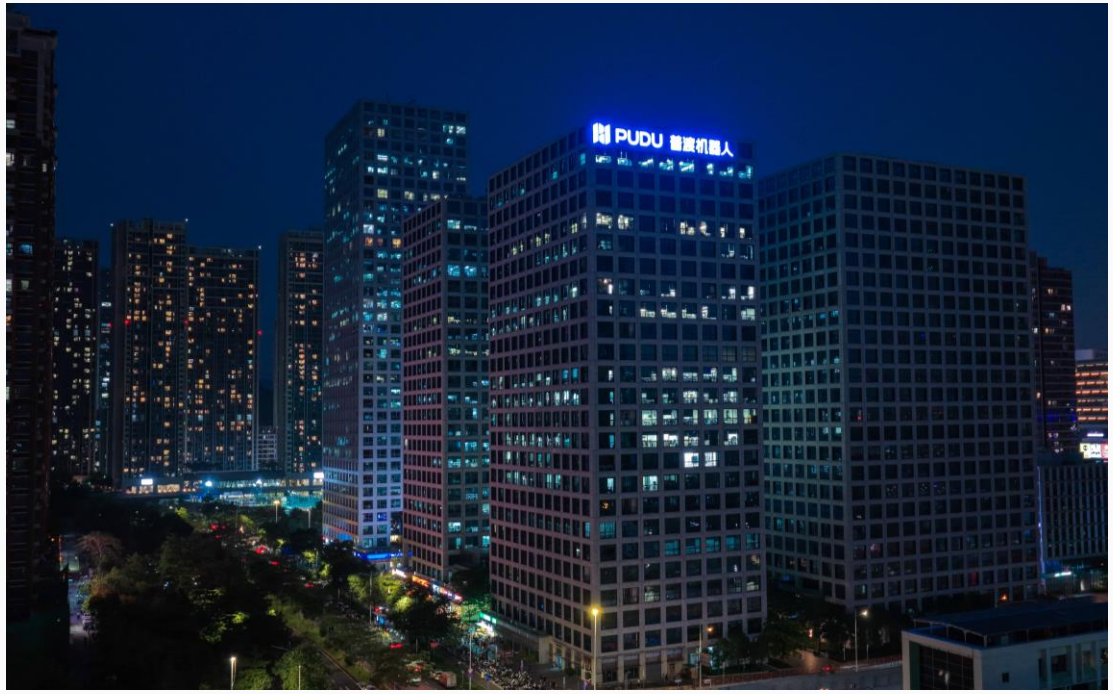
About PUDU

Pudu Robotics, a global leader in the commercial service robotics, committed to establishing a global intelligent robotics infrastructure that will serve 10 billion people worldwide.

Pudu Robotics has developed key core technologies and components, including robotic joint modules and motion controllers, and has filed more than 1,900 patent applications worldwide. Built on three core technologies—Embodied Navigation, Embodied Manipulation, and Embodied Interaction—Pudu Robotics has pioneered an "One Brain, Multiple Embodiments" architecture, establishing a comprehensive product portfolio that includes specialized, semi-humanoid, and humanoid robots.

Currently, Pudu offers four major product lines: service delivery, commercial cleaning, industrial delivery and general embodied AI. Its solutions are widely deployed across industries such as retail, hospitality, manufacturing, real estate and property services, healthcare, entertainment and sport, education, and public services.

To date, Pudu Robotics has shipped over 130,000 units globally, with a presence in more than 85 countries and regions.



The Global No.1 in Commercial Service Robotics

Global Market Share by Revenue

No.1 in the global commercial service robotics market by revenue,

25% market share

TOP1

Global Market Share by Shipments

No.1 in the global commercial service robotics market by shipments,

23% market share

TOP1

Global Commercial Cleaning Robotics Market Share by Revenue

No.1 in the global commercial cleaning robotics market by revenue,

29% market share

TOP1

International Market Share by Shipments

No.1 Chinese commercial service robotics company in international markets by shipments,

44% market share

TOP1

85+
Countries and Regions

1,000+
Cities

50,000+
End Customers

130,000+
Shipped Globally

Source: : Frost & Sullivan, 2025 Global Embodied Intelligence and Commercial Service Robotics Independent Market Research Report

Serving Customers Across 85+ Countries and Regions



Honored 10 Times by the World's Top Industrial Design Awards



Powering Every Industry with Pudu's Robots

Making Work Easier. Making Life Better.



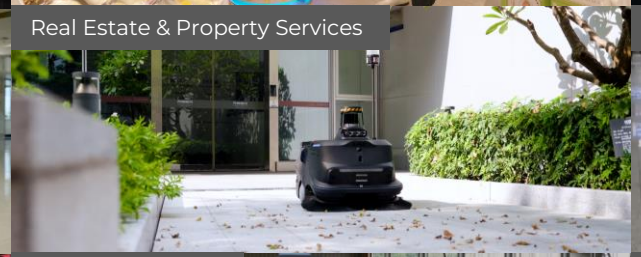


















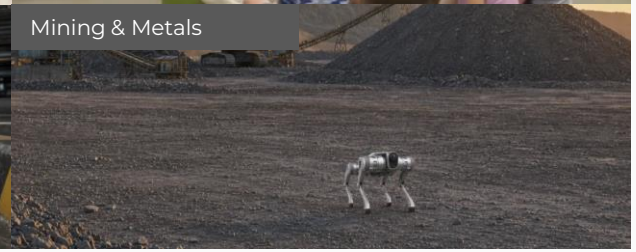












PUDU

Thanks



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