



PRINGLE[®]
ROBOTICS

Z42P

SMART PROFESSIONAL LAWN MOWER



The Z42P is a professional-grade robot mower with both autonomous and manual capability. Equipped with advanced navigation technology, it enables precise unmanned mowing and fast ball collection for settings such as golf courses, campuses, office parks, municipalities, and farms. LiDAR technology ensures smooth operation even in areas with weak RTK signals, such as under trees. The Z42P offers a smart and cost-effective solution for professional turf management, making lawn care easier and more efficient.

KEY FEATURES



Unmanned
Ball-Picking Setup



Extended-Range
Option



Max Mowing Area
(Extended Range):
260,000 m²/65 acres



AI Path Planning



Multi-Field Mowing



Fleet
Management



Auto/Manual Mode
& Remote Control



Remote App
Monitoring & Control

INTELLIGENT OPERATION

- AI Path Planning & Path Customization
- Unmanned Mowing in RTK-Challenging Areas



- Multi-Field Mowing



- 360° Real-Time Monitoring and Object Avoidance



PRODUCT SPECIFICATIONS

Dimensions	64.4" X 51.4" X 89.5"
Weight	738 lb
Cutting Deck Width	42"
Cutting Height	1-5"
Number of Blades	2
Max Mowing Area (Electric Only)	30 acres/3 days
Max Mowing Area (Extended Range)	65 acres/3 days
Battery Capacity	6 kWh
Ground Speed	0-7.46 mph
Max Climbing Capacity	≤20°
Suggested Operating Gradient	≤10°
Optional Ball Picker Weight	265 lb

Contact us



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 www.pringlerobotics.ai