YARBO

YARBO: THE ALL-IN-ONE YARD SOLUTION

The World's First Modular Yard Robot.
Experience the Future of Yard Care with Yarbo.



www.yarbo.c

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MEET YARBO

Yarbo offers a versatile integration system, combining Yarbo Core with different modules for diverse yard work.



Explore Yarbo's 2025 Innovations



Yarbo Lawn Mower Pro

Designed for large lawns and demanding conditions, Yarbo Lawn Mower Pro delivers enhanced power and durability—ideal for commercial use where performance and reliability matter most.

Yarbo Trimmer

Yarbo Trimmer offers precise, automated trimming, solving the hassle of manual operation and ensuring clean, consistent results around lawn borders and tight spaces.





Back Brace Mount (BBM)

BBM allows compatible modules and accessories to be mounted at the back of Yarbo Core, providing stability and versatility—supporting our all-new Trimmer module and increasing tongue weight when used with the all-new Tow Hitch.

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YARBO LAWN MOWER PRO

A heavy-duty mower designed for reliable commercial lawn mowing.



SPECIFICATIONS

Key Upgrades

	Yarbo Lawn Mower	Yarbo Lawn Mower Pro
Mower Discs & Blades	Dual Cutting Discs with 5 Blades Each	Swappable: Straight Blade / Dual Decks with 5 Blades Each
Adjustable Cutting Height	1.2 in - 4.0 in (30-102 mm)	0.8 - 4.0 in (20-102 mm)
Mowing Motor	150 W*2	300 W*2
Peak Power	1200 W	2500 W
Waterproof Level	IPX5	IPX6

Rain Detection	Yes
Battery Capacity	1.38 kWh
Noise Level	60 dB
Charging Time	90 min
Mowing Time Per Charge	120 min
Working Cycle Per Day	7

Obstacle Avoidance	Binocular camera & Ultrasonic radar & Bumper
Positioning & Navigation	RTK & Vision & IMU & ODOM
Navigation Under Trees	Vision & IMU & ODOM
Max. Climbing Ability	70% (35°)
Cutting Width	20 in (500 mm)
Teleoperation	Yes
Vertical Obstacle Passing Ability	2 in (5 cm)
Connectivity	4G & Wi-Fi & Bluetooth & Wi-Fi HaLow
Auto-recharge	Yes
Mowing Area Per Charge	0.25 acre (1012 m^2)
Mowing Area Per Day	1.7 acres (6880 m^2)
Max Coverage (2×/Week)	6.2 acres (25000 m^2)

* **Disclaimer:** Data is from Yarbo experiment tests.

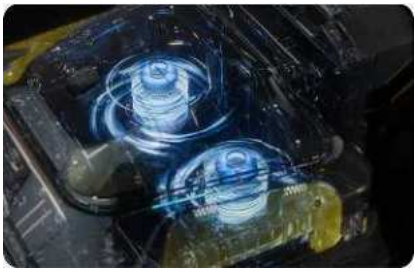
ENHANCED FEATURES AT A GLANCE



1

Enhanced 300W Motor

Delivers up to 2500W peak power for heavy-duty mowing



2

Ultra-Low Cutting Height

Cuts warm-season grass as low as 2cm / 0.8in with base spacer



3

Efficient Straight Blades

Suitable for tough-to-cut grass species and overgrown grass up to 30cm / 11.8 in



4

Reinforced Cutting Discs

Handles tough terrain and hard obstacles with less risk of damage



5

Efficient Blade Fence Design

Resists clogging in wet or dense grass conditions



6

Upgraded Rain Sensor

Larger electrodes and shorter sensing distance for better accuracy



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YARBO TRIMMER

A pioneering autonomous lawn trimmer designed to minimize manual trimming.



SPECIFICATIONS

Voltage	36 V	Diameter	0.06 in (1.6 mm)
Motor Power	200 W	Line Length	23 ft (7m)
Operating Time Per Charge	135 min	Line Length Per Feed	0.8-1.2 in (2-3 cm)
Charging Time	90 min	Line Feed Speed	6500 RPM
Operating Temperature	-13°F -113°F (-25°C - 45°C)	Climbing Capability	70% (35°)
Trimming Height	2-4 in (5-10.2cm)	Vertical Obstacle Passing Ability	2 in (5 cm)
Waterproof Level	IPX5	Auto-recharge	Yes

* **Disclaimer:** Data is from open outdoor experiment tests.



Smart Obstacle Response
Spring design safely bounces trimmer back from obstacles.

Adjustable Trimming Height
Adjust cutting heights from 2 to 4 inches (5-10.2 cm).

Autonomous Line Feed
Reduce line replacements to only once a month at most.



Connects Trimmer and More
BBM connects Trimmer with Yarbo Core for autonomous edge trimming. It also supports future attachments like extra batteries and dual tools.



Enhanced Towing Solution
BBM can be used with a new tow hitch, and together they support up to 200 lbs of tongue weight (Class 1). This setup offers greater stability compared to a standard tow hitch.

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YARBO SNOW BLOWER

Yarbo Snow Blower frees you from traditional backbreaking snow removal.



SPECIFICATIONS

Stage Type	2-stage	Cleaning Width	24 in (60 cm)
Intake Height	12 in (30 cm)	Throwing Distance	6 - 40 ft (1.8 - 12 m)
Chute Rotation	-10° - 190°	Deflector Angle	- 5° - 50°
Coverage / Charge (1 in)	6,000 sq.ft (558 m²)	Operation Time/Charge	1.5 hours
Charging Time (From 20% to 80%)	1.5 hours	Waterproof Level	IPX5
Powered By	Lithium-ion battery	Applicable Slope	Up to 36%
Operating Temperature	- 13°F - 113°F (-25°C - 45°C)	Applicable Snow Types	Dry / wet / packed snow
Applicable Surfaces	Paved, Concrete, Gravel	Obstacle Detection	Binocular camera & Bumper
Connectivity	4G & Wi-Fi & Bluetooth & Wi-Fi HaLow	Teleoperation	Yes
Auto-recharge	Yes	Module Weight	77 lbs (35 kg)

* **Disclaimer:** Data is from Yarbo experiment tests.

RTK-GPS Navigation
Wire-free and precise self-positioning.

Bumper
The collision sensors in the bumper detect obstacles sensitively, ensuring safety during operation.

Low-temperature Resistant Battery
Work under temperatures as low as -13°F (-25°).

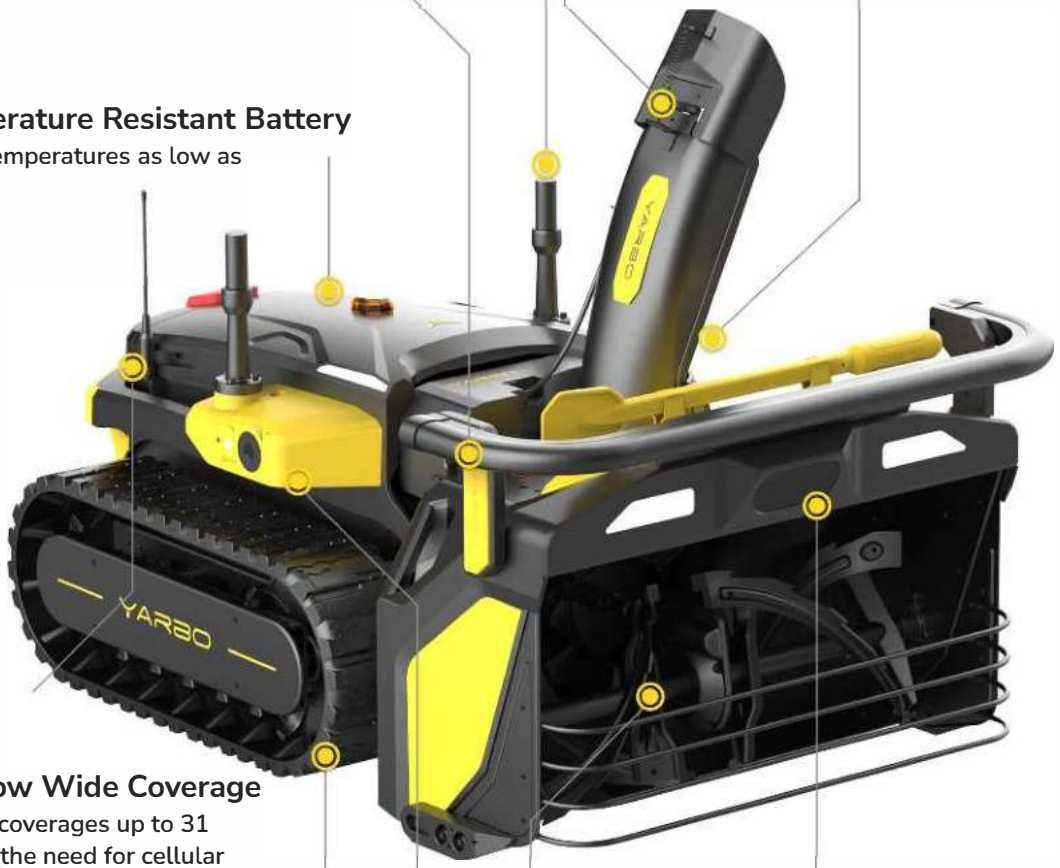
Wi-Fi HaLow Wide Coverage
Wi-Fi HaLow coverages up to 31 acres without the need for cellular data usage.

Anti-slip Rubber Tracks
Conquer challenging terrains with exceptional traction capabilities.

Side Cameras
Ensure the safety of pedestrian.

-5° - 50° Deflector Angle
Flexible snow chute that ensures snow lands exactly where you want.

-10° - 190° Chute Rotation
Intelligently direct the snow to the designated area.



Binocular Camera
Smart obstacle detection & avoidance.

Two-stage Design
Handle all kinds of snow effortlessly.

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YARBO LAWN MOWER

Your autonomous solution for big, steep, and complex lawns.



SPECIFICATIONS

Mowing Size Details

Charging Time	90 min
Mowing Time Per Charge	120 min
Mowing Area Per Charge	0.25 acre (1012 ㎡)
Working Cycle Per Day	7
Mowing Area Per Day	1.7 acres (6880 ㎡)
Max Mowing Area	6.2 acres (25000 ㎡)

Rain Detection	Yes
Battery Capacity	1.38 kWh
Waterproof Level	IPX5
Noise Level	60 dB

Obstacle Avoidance	Binocular camera & Ultrasonic radar & Bumper
Positioning & Navigation	RTK & Vision & IMU & ODOM
Navigation Under Trees	Vision & IMU & ODOM
Max. Climbing Ability	70% (35°)
Cutting Width	20 in (500 mm)
Adjustable Cutting Height	1.2 in - 4.0 in (30 - 102 mm)
Vertical Obstacle Passing Ability	2 in (50 mm)
Connectivity	4G & Wi-Fi & Bluetooth & Wi-Fi HaLow
Auto-recharge	Yes
Teleoperation	Yes

* **Disclaimer:** Data is from Yarbo experiment tests.

Torsion-flex Mower Frame
Allows the deck to flex horizontally and vertically, smoothly following uneven terrain.

Binocular Camera
120° wide dynamic range, ultra-wide F2.3 aperture, 2MP ultra-high definition.

RTK-GPS Navigation
Wire-free and precise self-positioning.

All-Steel Skid Skirt
Facilitate mowing on hillsides, slopes, sidewalks, and driveways.



Advanced Grass Track
Easy replacement & terrain-customized grass tracks distribute weight evenly, reducing lawn damage.

Ultrasonic Radars
Facilitate to detect and avoid obstacles.

Side Cameras
Ensure the safety of pedestrian.

Dual Cutting Discs
Yarbo's dual 20-inch cutting discs feature 5 blades each.

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YARBO BLOWER

Your ultimate solution to blow leaves in a big yard and hard-to-reach corner.



SPECIFICATIONS

Air Velocity	190 MPH	Applicable Slope	70% (35°)
Air Volume	760 CFM	Operating Time Per Charge	70 min
Motor Power	Rated: 2000W	Charging Time (From 20% to 80%)	1.5 hours
Connectivity	4G & Wi-Fi & Bluetooth & Wi-Fi HaLow	Teleoperation	Yes
Auto-recharge	Yes	Waterproof Level	IPX5

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Side Cameras
Ensure the safety of pedestrian.

RTK-GPS Navigation
Wire-free and precise self-positioning.

Binocular Camera
Smart obstacle detection & avoidance.



Advanced Grass Track
Easy replacement & terrain-customized grass tracks distribute weight evenly, reducing lawn damage.

Extended Air Tubes & Interchangeable Nozzles
The blower can also be fitted with extended air tubes for greater reach, and equipped with different nozzles for various needs.

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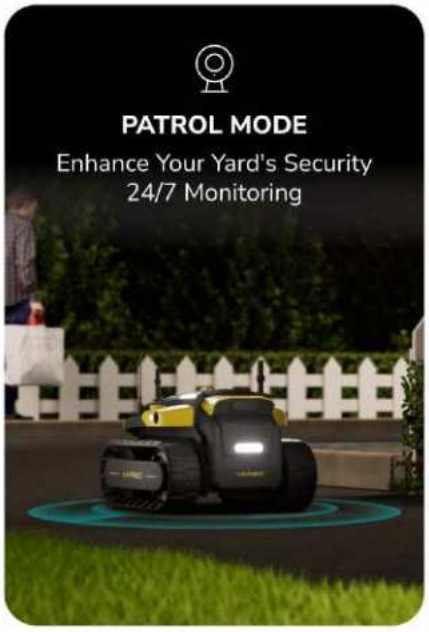
ONE YARBO CORE, UNLIMITED POSSIBILITIES

Yarbo Core stands at the center of the Yarbo modular robot system.
Beyond serving specific functions, Yarbo Core alone brings unique features.



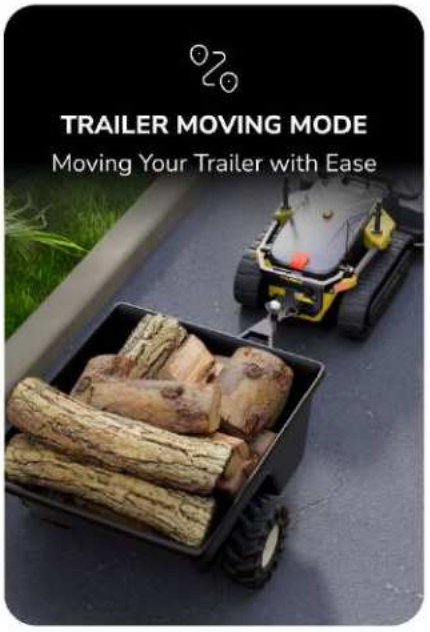
PATROL MODE

Enhance Your Yard's Security
24/7 Monitoring



FOLLOW ME MODE

Free Your Hands with
Autonomous Following



TRAILER MOVING MODE

Moving Your Trailer with Ease



TELEOPERATION MODE

Secure Your Yard with Safety
Alerts



REMOTE VOICE INTERACTION

Enjoy the Convenience of
Voice Interaction



TOW MODE

Unlock Yarbo's Towing
Versatility

VISION-DRIVEN SAFETY & SMART NAVIGATION



Yarbo's spatial AI system features 6 cameras, 4 ultrasonic radars, three-part front bumper, and advanced AI algorithms for obstacle avoidance.



Yarbo's smart vision coverage ensures safety for people and pets, and protects your property.



Yarbo's stereo vision cameras feature complex scene segmentation for auto boundary mapping, robust visual navigation ensuring boundary adherence, and auto obstacle labeling by precise obstacle bypass.



Yarbo adapts to challenging environments by fusing visual positioning, odometry, and IMU data — ensuring continuous and precise operation even in Non-GPS areas like under trees or near walls.

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AUTO-RECHARGING & LONG OPERATION TIME

365/24/7 Ready to Work with Wireless Auto Recharging



When the job is done or the battery is running low, Yarbo will autonomously return to charge, ensuring continuous work without any hassle on your part.

Cold-resistant and High-capacity Battery



Yarbo is powered by a lithium-ion battery with no harmful emissions, which will be green and protective of our environment. Additionally, it possesses a powerful 1.38 kWh capacity and can operate in temperatures ranging from a chilly -25°C to a scorching 45°C.

ALL-TERRAIN PERFORMANCE & SMART CONTROL

Powerful Driving System





Effortless Yard Care Right at Your Fingertips

Choose from two intuitive methods to effortlessly manage your Yarbo. The Yarbo App serves as the all-encompassing, feature-rich primary platform, while the Physical Controller complements it as a handy and efficient accessory.



YARBO APP



PHYSICAL CONTROLLER

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UNLOCK YARBO'S TOWING VERSATILITY & REAR ATTACHMENTS

500 lbs

Mastering Daily Towing Tasks

*3500 lbs (Maximum pulling power for rolling weight)







Lawn Sweeper



Lawn Roller



Dump Cart



Dethatcher

Powered Rear Attachments



Granular Spreader is designed to work with Yarbo to facilitate the precise and even distribution of fertilizers & pesticides. It will also enable Yarbo to clear snow while applying salt to maintain a cleaner and ice-free surface.



Liquid Sprayer complements Yarbo's capabilities, enhancing lawn vitality and optimizing snow clearing efficiency through the application of liquid salts, fertilizers, herbicides, and pesticides.

YARBO HAS MUCH MORE TO OFFER



Modules on Our Roadmap to Meet All Your Yard Maintenance Needs



YARBO SWEEPER

Sweeping light snow or debris



YARBO VACBLOW

Leaves and debris collection and blowing



YARBO PLOW

Push snow to sides of your driveways and sidewalks



YARBO ARM

Pick vegetables and fruits, spread solid fertilizer, pick up garbage



YARBO SPRINKLER

Irrigate and spray pesticides



YARBO GUARD

Collect packages with a tray, tow the trash can, and security & surveillance

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SOCIAL CHANNELS

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P.O. Box 2155 Mt Juliet to 37121

Tel: +1 (629) 401-9342
Dealer Contact: scott@yarbotn.com