

YARBO

YARBO: THE MODULAR YARD ROBOT FOR EVERY SEASON

One Core, Infinite Possibilities



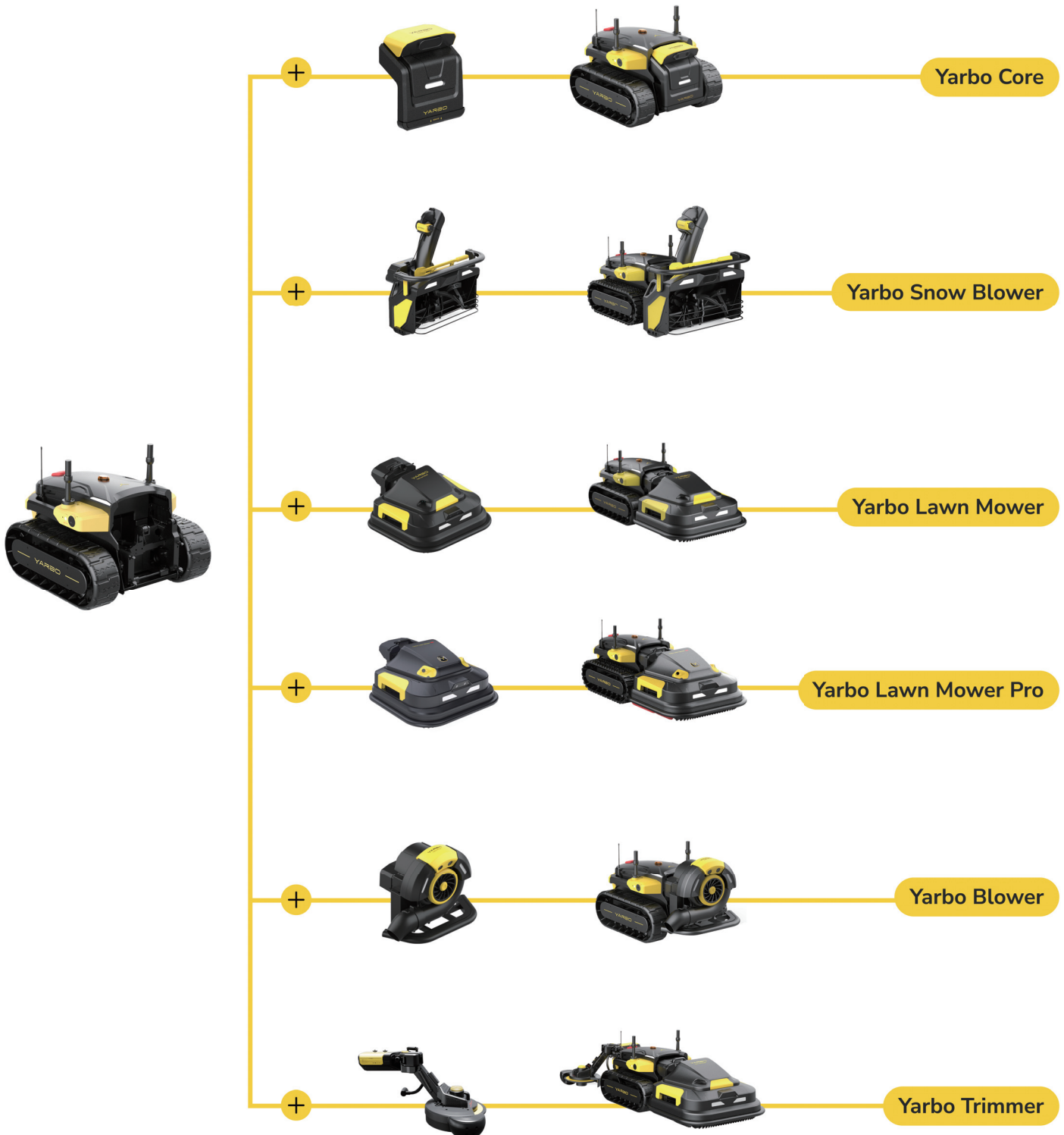
 BEST OF
CES

 DESIGN
AWARD
2025

www.yarbo.com

MEET YARBO

Yarbo features a versatile modular system, pairing one powerful Core with interchangeable modules for different yard tasks.



Explore Yarbo's Latest 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 Snow Blower

Redefining winter maintenance through intelligent operation, the Yarbo Snow Blower tackles heavy snowfall with reliable performance. Engineered for durability and minimal maintenance, it stands ready to clear snow all winter long.



Yarbo Trimmer

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

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 Cutting Discs With 5 Blades Each	
Adjustable Cutting Height	1.2–4.0 in (30–102 mm)	0.8–4.0 in (20–102 mm)	
Mowing Motor	150 W × 2	300 W × 2	
Peak Power	1,200 W	2,500 W	
IP Rating	IPX5	IPX6	
Rain Detection		Yes	Obstacle Avoidance Binocular Cameras, Ultrasonic Sensors, Bumper
Battery Capacity		1.38 kWh	Positioning & Navigation RTK, Vision, IMU, ODOM
Noise Level		60 dB	Navigation Under Trees Vision, IMU, ODOM
Charging Time (From 20% to 80%)		90 min	Max. Climbing Ability 70% (35°)
Mowing Time Per Charge		120 min	Cutting Width 20 in (500 mm)
Working Cycle Per Day		7 Cycles	Teleoperation Yes
			Vertical Obstacle Clearance 2 in (50 mm)
			Connectivity 4G, Wi-Fi, Bluetooth, Wi-Fi HaLow
			Auto-recharge Yes
			Mowing Area Per Charge 0.25 acre (1,012 m²)
			Mowing Area Per Day 1.7 acres (6,880 m²)
			Max Coverage (2×/Week) 6.2 acres (25,000 m²)

* Disclaimer: Data is from Yarbo internal laboratory tests.



Efficient Blade Guard Design

Resists clogging in wet or dense grass conditions.



RTK-GPS Navigation

Achieves high-precision, wire-free positioning for accurate navigation.



Wi-Fi HaLow Wide Coverage

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



Ultrasonic Sensors

Facilitate obstacle detection and avoidance.



Upgraded Rain Sensor

Larger electrodes and optimized spacing for better accuracy.



Advanced Grass Tracks

Easily replaceable, terrain-customized tracks distribute weight evenly to protect your lawn.



Ultra-Low Cutting Height

Cuts warm-season grass as low as 20 mm / 0.8 in with base spacer.

Efficient Straight Blades

Suitable for tough-to-cut grass species and overgrown grass up to 300 mm / 11.8 in.



Enhanced Dual 300W Motors

Deliver up to 2,500W peak power for heavy-duty mowing.



Reinforced Cutting Discs

Handle tough terrain and hard obstacles with less risk of damage.

YARBO TRIMMER

A pioneering lawn trimmer designed to minimize manual edge trimming.



SPECIFICATIONS			
Voltage	36 V	Line Diameter	0.06 in (1.6 mm)
Motor Power	200 W	Line Length	23 ft (7 m)
Operating Time Per Charge	135 min	Line Length Per Feed	0.8–1.2 in (20–30 mm)
Charging Time (From 20% to 80%)	90 min	No-load Speed	6,500 RPM
Operating Temperature	-13°F – 113°F (-25°C – 45°C)	Max. Climbing Ability	70% (35°)
Trimming Height	2–4 in (50–102 mm)	Vertical Obstacle Clearance	2 in (50 mm)
IP Rating	IPX5	Auto-recharge	Yes

* Disclaimer: Data is from Yarbo internal laboratory tests.



Smart Obstacle Response

Spring-loaded mechanism safely retracts trimmer from obstacles.



Adjustable Trimming Height

Adjusts cutting heights from 2 to 4 inches (50–102 mm).



Autonomous Line Feed

Reduces line replacement frequency to once a month.



Versatile Attachment Interface

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



Enhanced Towing Solution

The mount 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.

YARBO SNOW BLOWER

Smart snow clearing that keeps you out of the cold.



SPECIFICATIONS			
Stage Type	2-stage	Cleaning Width	24 in (600 mm)
Intake Height	12 in (300 mm)	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	90 min
Charging Time (From 20% to 80%)	90 min	IP Rating	IPX5
Powered By	Lithium-ion Battery	Applicable Slope	36% (20°)
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 Cameras, 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 internal laboratory tests.



RTK-GPS Navigation

Achieves high-precision, wire-free positioning for accurate navigation.



Bumper

Highly sensitive collision sensors detect obstacles to ensure safety during operation.



Low-temperature Resistant Battery

Works under temperatures as low as -13°F (-25°C).



Anti-slip Rubber Tracks

Conquer challenging terrains with enhanced traction capabilities.



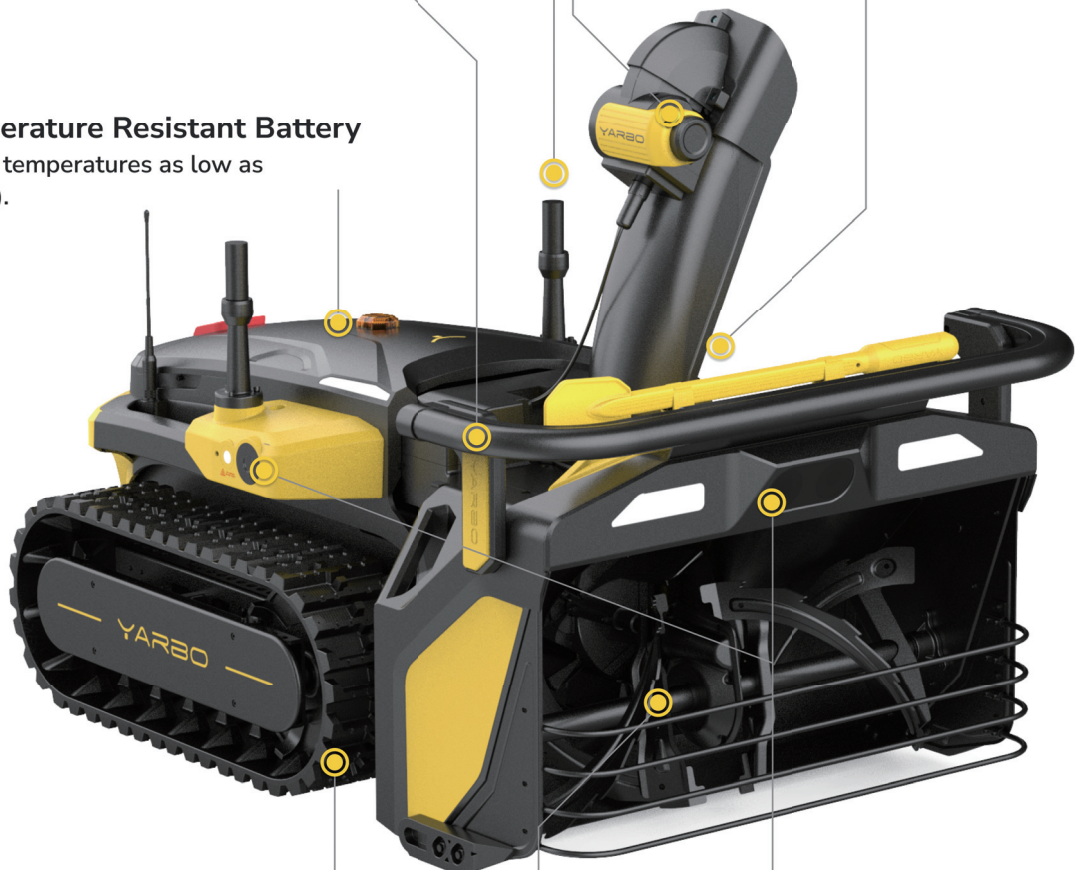
-5° – 50° Deflector Angle

Flexible snow chute that ensures snow lands exactly where you want.



-10° – 190° Chute Rotation

Intelligently directs the snow to the designated area.



Side & Binocular Cameras

Integrate multiple perspectives to enable pedestrian safety and smart obstacle detection & avoidance.



Two-stage Design

Handles most kinds of snow effortlessly.

YARBO LAWN MOWER

Your reliable solution for large, steep, and complex lawns.



SPECIFICATIONS

Mowing Size Details			
Charging Time (From 20% to 80%)	90 min	Obstacle Avoidance	Binocular Cameras, Ultrasonic Sensors, Bumper
Mowing Time Per Charge	120 min	Positioning & Navigation	RTK, Vision, IMU, ODOM
Mowing Area Per Charge	0.25 acre (1,012 m²)	Navigation Under Trees	Vision, IMU, ODOM
Working Cycle Per Day	7 Cycles	Max. Climbing Ability	70% (35°)
Mowing Area Per Day	1.7 acres (6,880 m²)	Cutting Width	20 in (500 mm)
Max Mowing Area	6.2 acres (25,000 m²)	Adjustable Cutting Height	1.2–4.0 in (30–102 mm)
Rain Detection	Yes	Vertical Obstacle Clearance	2 in (50 mm)
Battery Capacity	1.38 kWh	Connectivity	4G, Wi-Fi, Bluetooth, Wi-Fi HaLow
IP Rating	IPX5	Auto-recharge	Yes
Noise Level	60 dB	Teleoperation	Yes

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Torsion-flex Mower Frame

Allows the deck to flex horizontally and vertically, smoothly adapting to uneven terrain.



RTK-GPS Navigation

Achieves high-precision, wire-free positioning for accurate navigation.



Binocular Cameras

120° field of view, ultra-wide F2.3 aperture, 2MP ultra-high definition.



All-Steel Skid Skirt

Helps the mower handle hillsides, slopes, sidewalks, and driveways with greater stability.



Advanced Grass Tracks

Easily replaceable, terrain-customized tracks distribute weight evenly to protect your lawn.



Ultrasonic Sensors

Facilitate obstacle detection and avoidance.



Side Cameras

Ensure the safety of pedestrians.



Dual Cutting Discs

Yarbo's dual cutting discs provide a 20-inch cutting width and feature 5 blades each.



YARBO BLOWER

Your effortless solution for clearing leaves, debris, and hard-to-reach corners.



SPECIFICATIONS

Air Velocity	174 MPH	Applicable Slope	70% (35°)
Air Volume	760 CFM	Operating Time Per Charge	70 min
Motor Power	2,000 W	Charging Time (From 20% to 80%)	90 min
Connectivity	4G, Wi-Fi, Bluetooth, Wi-Fi HaLow	Teleoperation	Yes
Auto-recharge	Yes	IP Rating	IPX5

* Disclaimer: Data is from Yarbo internal laboratory tests.



Side Cameras

Ensure the safety of pedestrians.



RTK-GPS Navigation

Achieves high-precision, wire-free positioning for accurate navigation.



Binocular Cameras

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



Advanced Grass Tracks

Easily replaceable, terrain-customized tracks distribute weight evenly to protect your lawn.



Extended Air Tubes & Interchangeable Nozzles

Designed to support extended air tubes for greater reach, and interchangeable nozzles for different yard tasks.

ONE YARBO CORE, INFINITE 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



REMOTE VOICE INTERACTION
Enjoy the Convenience of
Voice Interaction

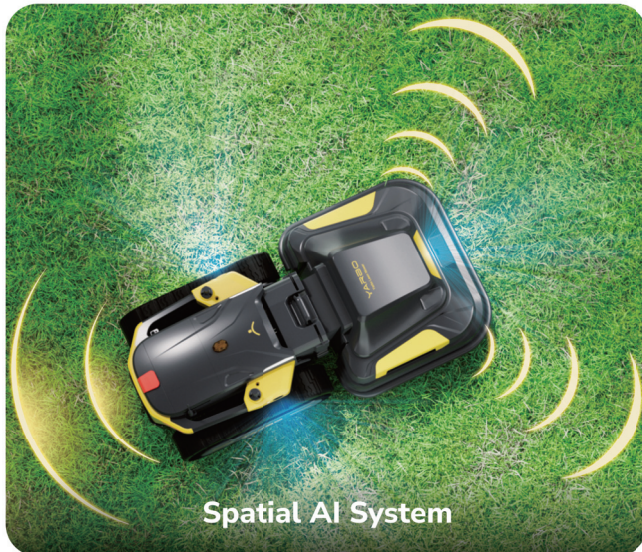


TOW MODE
Unlock Yarbo's Towing
Versatility

SPECIFICATIONS	
Dimensions (L x W x H)	27×22×20 in / 675×566×512 mm
Weight (Excluding Battery)	123.5 lbs / 56 kg
Weight (Including Battery)	145.5 lbs / 66 kg
Operational Temperature	-13°F – 113°F (-25°C – 45°C)
Towing Capacity	GTW up to 500 lbs / 200 kg
Module Pitch Angle	0° – 18°
Connectivity	4G, Wi-Fi, Bluetooth, Wi-Fi HaLow
Navigation	RTK-GPS, Computer Vision, Sensors
Charging	Wired, Wireless
Obstacle Avoidance	Vision-based (Cameras)

* Disclaimer: Data is from Yarbo internal laboratory tests.

VISION-DRIVEN SAFETY & SMART NAVIGATION



Yarbo's Spatial AI system integrates 6 cameras, 2 ultrasonic sensors, three-part front bumper, and advanced AI algorithms for precise obstacle detection and avoidance.



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



Yarbo's stereo vision cameras enable scene segmentation for automatic boundary mapping, robust visual navigation for accurate path keeping, and precise obstacle detection.



Yarbo fuses visual navigation, odometry, and IMU data to maintain precise operation even in non-GPS environments — such as under trees, near walls, or along narrow edges.

AUTO-RECHARGING & LONG OPERATION TIME

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



When the task is completed or battery is low, Yarbo is designed to return to its docking station autonomously to support continued operation.

Cold-Resistant and High-Capacity Battery



Yarbo is powered by an eco-friendly lithium-ion battery with zero emissions. It features a robust 1.38 kWh capacity and operates reliably in extreme temperatures from -13°F to 113°F (-25°C to 45°C).

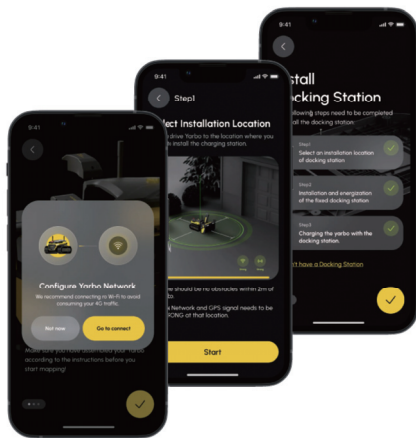
ALL-TERRAIN PERFORMANCE & SMART CONTROL

Powerful Driving System



Effortless Yard Care Right at Your Fingertips

Choose from two intuitive methods to manage your Yarbo with ease. The Yarbo App serves as the comprehensive, feature-rich platform, while the Physical Controller offers convenient manual control.



YARBO APP



PHYSICAL CONTROLLER

UNLOCK YARBO'S TOWING VERSATILITY & REAR ATTACHMENTS

500 lbs

Handles Daily Towing Tasks

*3500 lbs (Maximum pulling power for rolling weight)



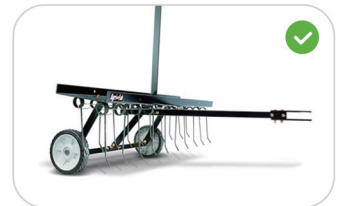
Lawn Sweeper



Lawn Roller



Dump Cart



Dethatcher

Powered Rear Attachments



The Granular Spreader is designed to precisely distribute fertilizers and solid treatments. It also enables Yarbo to spread salt for ice control while clearing snow.



The Liquid Sprayer complements Yarbo's capabilities, enhancing lawn vitality and optimizing snow clearing efficiency through the application of liquid de-icer, fertilizers, herbicides, and liquid treatments.

YARBO HAS MUCH MORE TO OFFER

SUPERDOCKING

Automatically switches and stores compatible detachable modules



Modules on Our Roadmap to Expand Your Yard Care Capabilities



YARBO SWEEPER

Sweeps light snow and debris



YARBO VACBLOW

Collects leaves and blows away debris



YARBO PLOW

Pushes snow to sides of your driveways and sidewalks



YARBO ARM

Harvests produce, spreads solid fertilizer, and removes litter



YARBO SPRINKLER

Sprays liquid treatments



YARBO GUARD

Retrieves packages with a tray, tows the trash can, and conducts smart monitoring



YARD WORK INNOVATION

SOCIAL CHANNELS



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