

The **World's No.1 High-End** Robotic Pool Cleaning Brand

Redefine Smart Pool Care



Beatbot



About Beatbot



Beatbot is a technology brand dedicated to the global robotization of swimming pool environments. Founded by industry experts with over 10 years of experience in leading home robotics companies, the company is growing rapidly, with offices in multiple countries including the US.

The brand aims to lead the world in intelligent, all-in-one pool care robotics, inheriting the legacy of top-tier home robotics companies, and driven by a commitment to product excellence.

Beatbot's mission is to redefine pool care, address industry challenges, enhance performance, and deliver hassle-free pool care experiences. Beatbot is dedicated to empowering both existing pool owners and those considering pool ownership by removing maintenance hurdles, making pool ownership a source of joy and relaxation accessible to all.

Dive into the pool care revolution with us – Redefining Pool Care for Tomorrow!

Core Technology

We are at the forefront of the industry in core technologies such as brushless water pumps, AUV spatial locomotion, sonar laser SLAM, space mapping navigation algorithms, and more. Currently, we hold 170 patents (granted and under application), including 65 patents for inventions.

Our robots leverage the power of advanced AI algorithms and cutting-edge industry technology. At their core is the powerful Beatbot OS, featuring industrial-grade CPUs, MCUs, DDR RAM, flash storage, and integrated multisensor fusion (including IMUs and ultrasonic sensors). With patented industry-first features, pioneering sensors, and chips, our robots navigate your pool with flawless precision.



Industry-Leading Certifications

With over 15 industry-leading certifications, including ETL, CEC and CPF, we uphold the highest standards of safety, reliability, performance, and environmental compliance.

Beatbot is your trustworthy choice
— safe, reliable, and energy-efficient.



Our Awards

Reflecting our dedication to quality and innovation, we've earned several awards, including the prestigious IF Design Award, recognized internationally for design excellence.



World's
1st

FIVE
IN
ONE

The World's First
Five-in-One Smart
Pool Cleaning Robot

Beatbot AquaSense Pro

One Pool Robot to Rule Them All



World's 1st 5-in-1
Cleaning:
Clarification/Surface/
Waterline/Floor/Walls
Powered by 9 Motors



Best Intelligent Path
Optimization Powered
by Quad-Core 1.8GHz
Processor



Industry-Exclusive
Smart Return and
Surface Parking for
Ultimate Convenience



Powerful Wall Cleaning
with Brushless
Main-Pump Motor up
to 5500 GPH Suction



Effortless Cleaning
Control with the
Beatbot APP and OTA
Software Upgrades



Award-Winning and
Eco-Friendly Cordless
Submarine Propulsion
Design



Pioneering 5-in-1 Comprehensive Cleaning

Powered by a 9-motor system, the AquaSense Pro is the only robot that masterfully cleans your pool's **floor, walls, waterline**, while also **skimming the water surface** and **clarifying the water**, all in one product.



Revolutionary ClearWater™ Clarifying Technology

Introducing our **industry-first ClearWater™ clarifying system**, which automatically dispenses a powerful and eco-friendly natural clarifier solution. Swiftly removing dirt, oils, and residue, it prevents scum buildup and discoloration due to metals, ensuring **effortless** and **pristine water clarity**.



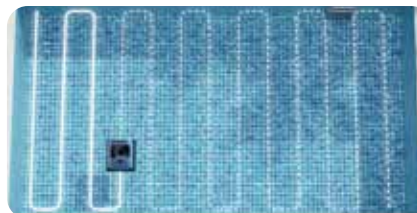
The World's First NonaDrive™ 9-Motor System

Experience exceptional cleaning performance and mobility with the power of nine motors, including a high-efficiency 200W brushless main pump motor that delivers up to **5,500 GPH of suction**. This setup guarantees **powerful wall climbing**, **efficient water surface cleaning**, and **automatic clarifier distribution**.



Best Intelligent Path Optimization with Full Coverage

Powered by a Quad-Core 1.8GHz Processor and 20 smart sensors, our system precisely scans your pool using SonicSense™ ultrasonic sensors. It then **intelligently plans the most efficient cleaning paths** with CleverNav™ advanced navigation, eliminating overlaps and ensuring **full cleaning coverage** while seamlessly avoiding obstacles.



Industry-Exclusive Smart Return and Surface Parking¹

After completing its cleaning cycle or when the battery is low, the AquaSense Pro intelligently returns to park. It automatically releases water and parks above the surface near the wall, **ensuring effortless retrieval**.



Award-Winning Cordless Submarine Propulsion Design

The Award-Winning design is **totally cordless**, and **Eco-Friendly** with an hydrodynamic Submarine Propulsion Design, allowing the robot to smoothly dive under water and also raise to the surface.

Extra-Long 2x2 Roller Brushes for Wide Coverage

Two sets of brushes (front and back) for **efficient stain and debris removal**. Independent operation at variable speeds ensures precise turning control. Each brush has a 146mm design, creating a wide 305mm cleaning path to cover more ground in each pass.



Powerful Dual-Layer Ultra-Fine Filtration

Featuring a generous 3.7L capacity, the filters efficiently capture debris, from small stones and leaves to **ultra-tiny particles like sand up to 150 micrometers (µm)**, along with oils and lotions. With automatic detection, an anti-clogging design, convenient top access, and easy cleaning, maintenance is a breeze.



Customized Cleaning Control with the Beatbot APP

Select or customize **cleaning modes**, track **cleaning history**, perform **OTA software updates**, and more—all conveniently at your fingertips.



Cordless Charging and Storage Station

Simply place your AquaSense Pro on the dock contact station for **quick 88W charging in under 3.5 hours**. Its ergonomic vertical position ensures easy handling and convenient storage when not in use.

Long-Lasting Power for Uninterrupted Cleaning

With an impressive runtime of up to **9.5 hours for surface cleaning and 5 hours for floor cleaning**, the 10400mAh battery ensures your cleaning session goes uninterrupted.



Notes:
1. If not retrieved from the edge within 20 minutes, the propellers will stop working. Depending on the water movement, especially if the pool pump is on, the robot will continue to float on the surface but may drift slightly away from the edge of the pool.

Beatbot AquaSense

The Smarter Choice in Cordless
Pool Cleaning



Best Intelligent Path
Optimization Powered
by Quad-Core 1.8GHz
Processor



Superior Cleaning
Efficiency and
Coverage with 2x2
Independent Roller
Brushes



Powerful Wall Cleaning
with Brushless
Main-Pump Motor up
to 5500 GPH Suction



Cleans Floor, Walls,
Waterline, with an
Eco-Friendly Cordless
Award-Winning Design



Safe and Reliable with
15 Certifications,
including ETL, CEC, and
IP68



Effortless Cleaning
Control with the
Beatbot APP and OTA
Software Upgrades



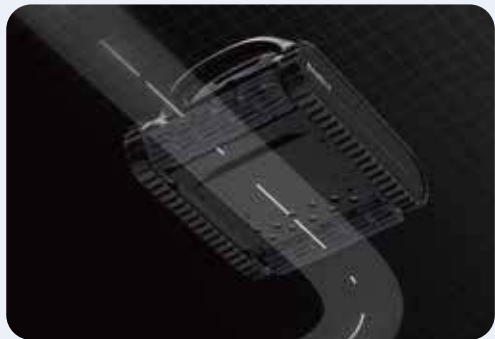
Best Intelligent Path Optimization with Full Coverage

Powered by a Quad-Core 1.8GHz Processor and 15 smart sensors, our system precisely maps your pool using SonicSense™ ultrasonic sensors. It then **intelligently plans the most efficient cleaning paths** with CleverNav™ advanced navigation, eliminating overlaps and ensuring **full cleaning coverage** while seamlessly avoiding obstacles.



Extra-Long 2x2 Roller Brushes for Wide Coverage

Two sets of brushes (front and back) for **efficient stain and debris removal**. Independent operation at variable speeds ensures precise turning control. Each brush has a 146mm design, creating a wide 305mm cleaning path to cover more ground in each pass.



Powerful Wall Cleaning with 5500 GPH Suction

The high-efficiency 200W brushless main-pump motor delivers **up to 5500 GPH suction**, ensuring enhanced grip for **powerful wall climbing** and thorough suction cleaning.

Comprehensive Pool Cleaning

Delivering a complete clean by meticulously addressing the **floor, walls, and waterline** for a perfectly pristine pool.



Cordless Award-Winning Design

Experience the sleek, hydrodynamic, and award-winning **eco-friendly** design, enhanced with **cordless** convenience. Enjoy direct access to cleaning modes and monitor real-time battery status through an **intuitive interface**.



Customized Cleaning Control with the Beatbot APP

Select or customize **cleaning modes**, track **cleaning history**, perform **OTA software updates**, and more—all conveniently at your fingertips.

Ultra-Fine Filtration

Efficiently captures debris of various sizes, from small stones and leaves to **particles as tiny as 150 micrometers (µm)**, along with oils and lotions. With automatic detection, convenient top access, and effortless cleaning, maintenance becomes a breeze.



Cordless Charging and Storage Station

Simply place your AquaSense on the dock contact station for **quick 88W charging in under 3 hours**. Its ergonomic vertical position ensures easy handling and convenient storage when not in use.

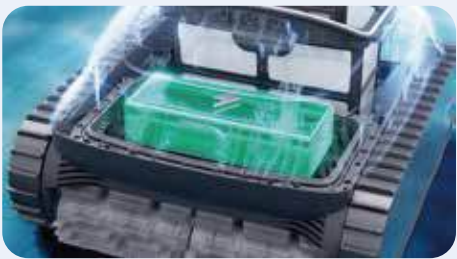
Industry-Exclusive Smart Return and Waterline Parking ¹



After completing its cleaning cycle or when the battery is low, the AquaSense intelligently returns to park at the waterline, **ensuring effortless retrieval**.

Long-Lasting Power for Uninterrupted Cleaning

With a 6700mAh battery providing up to **3 hours of runtime for floor cleaning**, enjoy uninterrupted cleaning sessions.



Notes:
1. If not retrieved from the waterline within 10 minutes, the robot automatically returns to the pool floor.

Beatbot iSkim Ultra

Ultra Smart, Ultra Clean



Automatic and Natural
Water Clarification
System



App Remote Control,
Scheduling & Voice
Broadcast



Precise Surface and
Edge Cleaning with 20
Sensors



High Efficiency 7
Motors and Obstacle
Handling



Superior Debris
Removal with
Dual-Side Brushes



Extra-Large 9L Filter
Basket with One-Touch
Debris Release



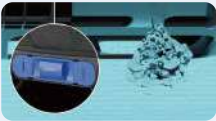
24/7 Cleaning: Powerful
24W Solar Panel &
10,000 mAh Battery



Ultra Cleaning Performance

Effortless Clarity and Unmatched Skimming Power

Achieve crystal-clear water with precise edge and corner debris cleaning, **expansive coverage**, and **efficient debris removal**—all with minimal effort.



Revolutionary ClearWater™ Clarification System



Dual-Side Brushes Conquer Edges and Corners Debris



Extra-Large Front Roller Brush Extends Coverage



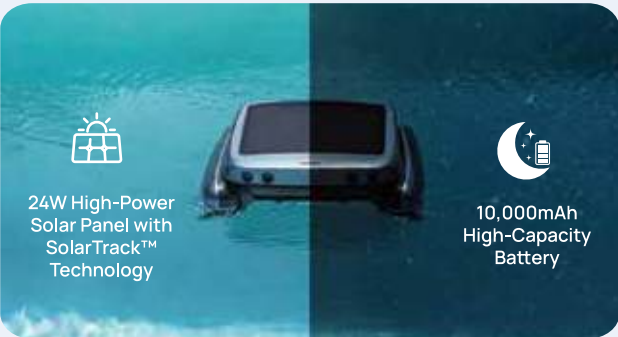
Superior 9L Filtration Capacity and Anti-Spill Design



Industry-First Powerful 7-Motor System

24/7 Cleaning, Day or Night, Rain or Shine

The high-power solar panel with SolarTrack™ light energy tracking maximizes efficiency in sunlight. When daylight fades or it's cloudy, the high-capacity battery kicks in, ensuring **uninterrupted cleaning**.



24W High-Power Solar Panel with SolarTrack™ Technology

10,000mAh High-Capacity Battery

Ultra Control Performance

Advanced App and Remote Control

Enjoy **hassle-free cleaning control** directly from your smartphone.



Remote Control with Speed Button



Water & Environment Temperature Monitoring



Cleaning & Clarifier Scheduling



Real-Time Cleaning Status & Records



One-Click Effortless Poolside Parking



OTA Performance Software Upgrades

WiFi + Bluetooth Dual Connectivity

The dual connection—WiFi up to 40m and Bluetooth up to 20m—ensures **stable, remote access**, even without internet.



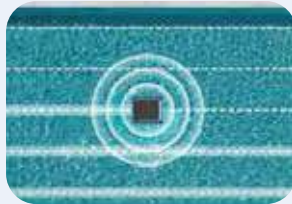
Voice Broadcast

Stay informed with voice broadcasts on cleaning progress and status, making pool maintenance interactive.

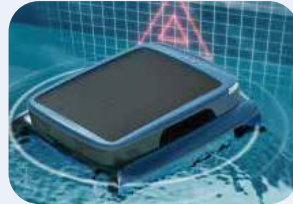
Ultra Cleaning Intelligence

Intelligent Navigation & Comprehensive Coverage

Powered by a robust 120 MHz MCU and 20 high-precision sensors, including tri-ultrasonic, the iSkim Ultra delivers **precise pool scanning and efficient navigation**. Its high-performance 6-axis IMU and advanced AI algorithms ensure drone-level stability, optimized paths, and uninterrupted cleaning in any environment.



Optimized S-Path for Efficient Cleaning and Maximized Coverage



Advanced Obstacle Avoidance & Entanglement Escape

Ultra Cleaning Convenience

Effortless Maintenance and All-Weather Dual Charging



Solar + Magnetic Wireless Charging



Automated & One-Click App Parking



One-Press Debris Release with Full Opening



Detachable Brushes for Easy Cleaning

Note: All data are sourced from Beatbot Lab. Due to experimental conditions, the test results may differ from actual usage. Please refer to actual usage for precise information.

Unmatched Versatility for Every Pool

Any Pool. Any Shape. Any Material. Any Area.

The Beatbot AquaSense Series sets a new standard in pool cleaning versatility. No matter the type of pool, its shape, material, or the area to be cleaned, our robots rise to the challenge.

From the floor to the walls, waterline, and water surface¹, our robots deliver thorough and comprehensive cleaning.

Compatible with:



Any Pool Type:
In-ground / Above Ground



Any Pool Shape:
Geometric / Free Shape



Any Pool Material:
Concrete / Ceramic Tiles /
Vinyl / Fiberglass



Any Pool Area:
Floor / Walls /
Waterline / Surface

Notes:
¹. Surface cleaning is exclusively available with the Pro version.

Beatbot App Integration

Tailored and Effortless Cleaning Control

The Beatbot App puts you in control of your pool maintenance. With its intuitive features, you can customize cleaning sessions and stay informed about your pool's condition, ensuring your pool cleaning experience is effortless and efficient.

Our Beatbot App offers:

- **Select Cleaning Modes¹:** Choose from multiple modes or customize your own.
- **Status Updates:** Get real-time updates on cleaning progress and Wi-Fi status.
- **Notification Alerts:** Receive timely updates to stay informed.
- **Cleaning Records:** Access your cleaning history anytime.
- **OTA Software Updates:** Easily update your robot for enhanced performance.
- **Remote Control² with Speed Button:** Target specific areas for spot cleaning and added fun.
- **Water & Environment Monitoring²:** Check pool conditions for ideal swimming temperatures.
- **Cleaning & Clarifier Scheduling²:** Schedule sessions to fit your routine and save time.
- **One-Click Poolside Parking²:** Bring your robot back anytime you need it with a single click.



Notes:

1. AquaSense Pro offers five cleaning modes, while AquaSense features three cleaning modes, each including a customized mode.

2. Function only available for the iSkim Ultra robotic pool skimmer.



Comparison of Products Features



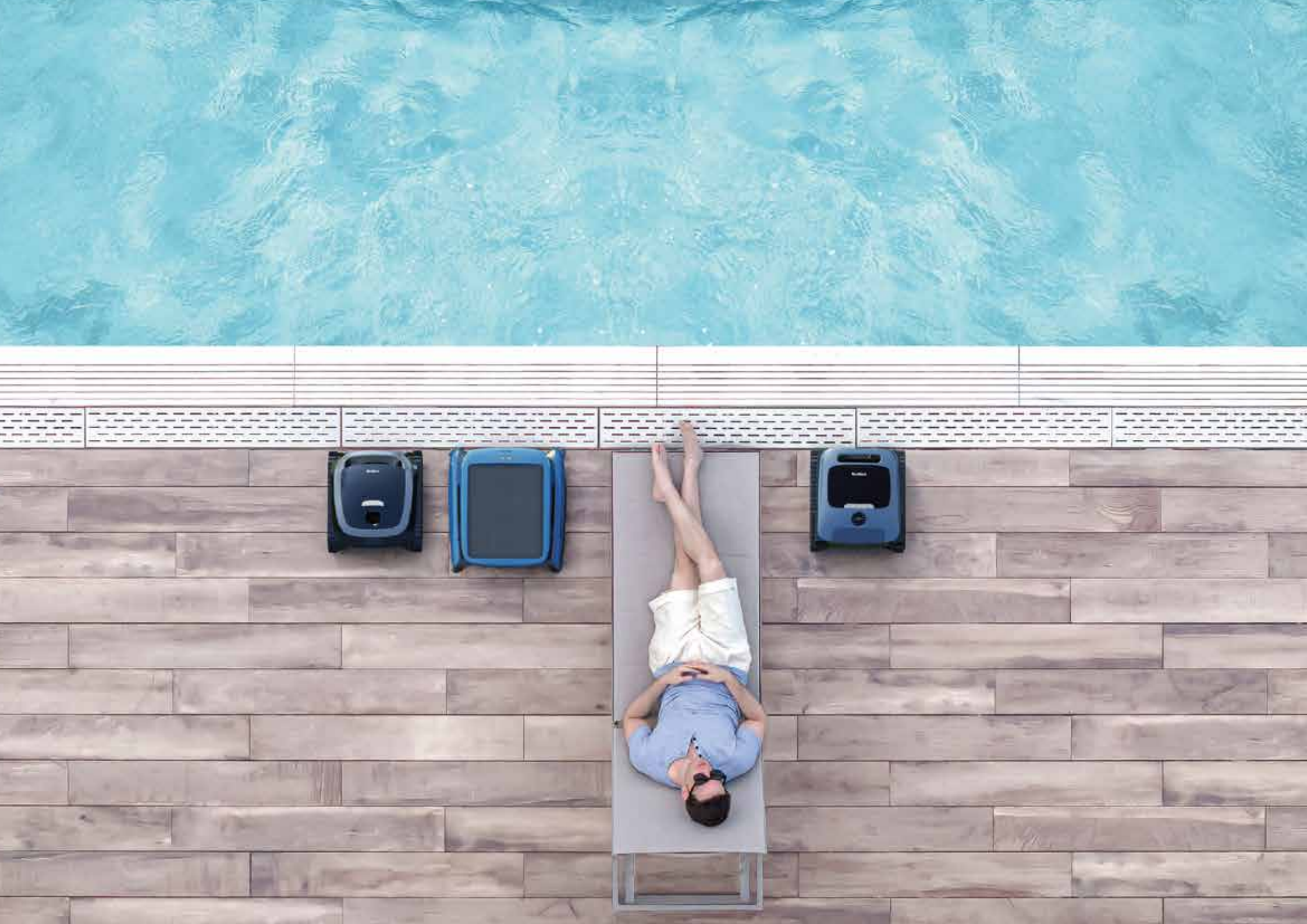
Model	Beatbot AquaSense Pro	Beatbot AquaSense	Beatbot iSkim Ultra
Cordless	✓	✓	✓
Solar Powered	✗	✗	✓
Cleaning Coverage Areas	Surface, floor, walls, waterline	Floor, walls, waterline	Surface
ClearWater™ Clarifying Technology	✓	✗	✓
SonicSense™ Ultrasonic Sensors (Advanced Pool Scanning and Obstacle Avoidance)	✓	✓	✓
CleverNav™ Smart Navigation System (Optimized Path Planning)	✓	✓	✓
Beatbot App Integration	✓	✓	✓
Manual Remote Navigation Control	✗	✗	✓
Cleaning Modes	5 Modes: Quick mode: floor (1 time) Standard mode: floor, walls and waterline (1 time) Pro mode: floor, walls, waterline and surface (1 time) ECO mode: cleans the floor every other day (1 time) Custom mode: Clean any area or combination of areas of your choice (1 or 2 times), including water surface only.	3 Modes: Quick mode: floor (1 time) Standard mode: floor, walls and waterline (1 time) Custom mode: Clean any area or combination of areas of your choice (1 or 2 times).	2 Modes: Automatic Manual Remote via App
Cleaning Patterns	Pool floor and surface: S-shaped cleaning pattern Pool walls and waterline: N-shaped cleaning pattern	Pool floor: S-shaped cleaning pattern Pool walls and waterline: N-shaped cleaning pattern	Pool surface: S-shaped cleaning pattern
Surface Propulsion System	✓	✗	✓
Automatic Parking	✓ On the Water Surface Near the Edge ¹	✓ On the Wall at the Waterline ²	✓ On the Water Surface Near the Edge ³
SmartDrain™ Advanced Submarine-Inspired Automatic Water Release	✓	✗ (9-second quick release)	N/A
Easy Filter Basket Access	✓	✓	✓
OTA Performance Updates	✓	✓	✓

Notes:

1. If not retrieved from the edge within 20 minutes, the propellers will stop working. Depending on water movement, especially if the pool pump is on, the robot will continue to float but may drift from the edge.

2. If not retrieved from the waterline within 10 minutes, the robot automatically returns to the pool floor.

3. After completing the scheduled cleaning, the Beatbot iSkim Ultra will park near the wall. If not retrieved within 5 minutes, the thrusters will turn off to conserve battery, and it may drift from the edge. If no cleaning time was set, the skimmer won't return automatically and will continue cleaning until the user taps the 'Come Back' button on the app.



Comparison of Products Specifications



Model	Beatbot AquaSense Pro	Beatbot AquaSense	Beatbot iSkim Ultra
Product Category	Robotic Pool Cleaner	Robotic Pool Cleaner	Robotic Pool Skimmer
Product Type	Cordless	Cordless	Cordless & solar-powered
General Information			
Pool Type	Above ground & in-ground pools	Above ground & in-ground pools	Above ground & in-ground pools
Pool Shape	All shapes, such as rectangular, round, kidney, and freeform	All shapes, such as rectangular, round, kidney, and freeform	All shapes, such as rectangular, round, kidney, and freeform
Recommended Pool Size (Pool Bottom Area)	300 square meters (3229 square feet)	210 square meters (2260 square feet)	N/A
Pool Materials	All materials including concrete, ceramic tiles, vinyl, and fiberglass	All materials including concrete, ceramic tiles, vinyl, and fiberglass	All materials including concrete, ceramic tiles, vinyl, and fiberglass
In-Box Content	Robotic pool cleaner, charging dock, hook, quick start guide, user manual	Robotic pool cleaner, charging dock, hook, quick start guide, user manual	Robotic pool skimmer, clarifying agent kit, hook, screwdriver, screws for roller brush (x4), screws for side brush (x4), user manual, quick start guide, after-sales service card
Cleaning Power and Filtration			
Motors	9-Motor System	3-Motor System	7-Motor System
Brushes	4 bottom roller brushes: Dual-Group Roller Brush System with differential speed (Front and rear: 2 x 2 sets), 1 front roller brush	4 bottom roller brushes: Dual-Group Roller Brush System with differential speed (Front and rear: 2 x 2 sets), 1 front roller brush	2 side brushes, 1 front roller brush
Number of Suction Ports	2 ports (top front and bottom)	1 port (bottom)	1 port (top front)
Filters Type	Polyester	Polyester	Nylon mesh
Filters Access	Top access	Top access	Front access
Filters Layers	2 layers (one larger & one thinner)	1 layer	1 layer
Filters Density	150 μm (outer) / 250 μm (inner)	150 μm	380 μm
Filter Baskets Capacity	3.7L	2 L	9L
Advanced Technology, OS, and Connectivity			
Hardware Components	Quad-core Cortex-A7 1.8GHz industrial-grade CPU, MCU, DDR RAM, flash storage, and 20 smart sensors (including dual IMU and dual ultrasonic sensors)	Quad-core Cortex-A7 1.8GHz industrial-grade CPU, MCU, DDR RAM, flash storage, and 15 smart sensors (including dual IMU and dual ultrasonic sensors)	MCU, 20 sensors (including 3 Ultrasonic sensors: 2 on the water surface + 1 underwater + 6-axis IMU)
Operating System	Beatbot OS	Beatbot OS	Beatbot OS
Connectivity	Wifi connection	Wifi connection	Wifi + Bluetooth connection
Battery			
Runtime	Up to 5 hours (floor cleaning), Up to 9.5 hours (surface cleaning)	Up to 3 hours (floor cleaning)	Non-stop with sunlight, 24+ hours without sunlight
Battery Capacity & Type	10,400 mAh Lithium Ion	6,700 mAh Lithium Ion	10,000 mAh Lithium Ion
Charging Time	Approx. 3.5h, quick 88W charging	Approx. 3h, quick 88W charging	Approx. 5h, 24W solar panel + 24W magnetic wireless charger
Charging Method	Dock charging station	Dock charging station	Solar & magnetic wireless charging
Design			
Control Buttons	1 power switch key + 4 mode keys	1 power switch key + 2 mode keys	1 power switch key + 1 function key
Overall Robot Weight	24.25 lbs (11kg)	20.5 lbs (9.3kg)	16.98 lbs (7.7kg)
Overall Robot Dimensions	1.48 (L) ft x 1.32 (W) ft x 0.86 (H) ft 451 (L) mm x 403 (W) mm x 263 (H) mm	1.48 (L) ft x 1.32 (W) ft x 0.76 (H) ft 451 (L) mm x 403 (W) mm x 233 (H) mm	1.76 (L) ft x 1.68 (W) ft x 0.74 (H) ft 537.2 (L) mm x 511 (W) mm x 227.5 (H) mm
Reliability			
Waterproof Protection	IP68 (robot), IP54 (charging dock)	IP68 (robot), IP54 (charging dock)	IP68 (robot)
Recommended water depth	1.64 ft to 9.84 ft / 0.5 m to 3 m	1.64 ft to 9.84 ft / 0.5 m to 3 m	≥0.1m (for optimal scanning and S-path planning)

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Robotic Pool Cleaning Brand



Website: www.beatbot.com

Sales Support: sales@beatbot.com

After Sales Support: service@beatbot.com