Beatbot

A100 Pro

One Robot to Rule Them All

SKU #92055

World's 1st 5-in-1 Cleaning

Intelligent Path Optimization

APP and OTA Software Upgrades

Brushless Main-Pump Motor (Up to 5500 GPH Suction)

Smart Return & Surface Parking

Cordless Submarine Propulsion Design

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A100 Pro Specs

Feature Section

Robot Type	Cordless
Cleaning Coverage Areas	Water Surface, floor, walls, waterline
In-Box Content	Robotic pool cleaner, charging dock, hook, quick start guide, user manual
Pool Type	Above ground & in-ground pools
Pool Shape	All shapes, such as rectangular, round, kidney, and freeform
Recommended Pool Size (Pool Bottom Area)	300 square meters
Pool Materials	All materials including concrete, ceramic tiles, vinyl, and fiberglass
Hardware Components	Quad-core Cortex-A7 industrial-grade CPU&MCU, DDR RAM, flash storage, and 20 smart sensors (including dual gyroscopes and dual ultrasonic AI sensors)
Operating System	Beatbot OS
Connectivity	Wifi connection
Intelligent Navigation	SonicSense™ Ultrasonic AI Pool Mapping and Obstacle Avoidance CleverNav™ Smart Navigation System for optimized path planning
Cleaning Patterns	Pool floor and surface: S-shaped pattern Pool walls and waterlin e: N-shaped pattern
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 (OTA)
Automatic Water Release	SmartDrain™ advanced submarine-inspired automatic water release
Water Clarification	Yes. ClearWater™ Clarifying Technology
Motors	NonaDrive™ 9-Motor System
Brushes	DuoSpeedFlex™ Dual-Group Roller Brush System with differential speed (Front and rear: 2 x 2 sets)

Technical Specs Section

Number of Suction Ports	2 ports (Front and Bottom)
Suction (GPH)	5500 GPH
Filters Material	Polyester
Filters Access	Top access
Filters Number	2 (one larger & one thinner)
Filters Density	250 μm+150 μm
Filter Baskets Capacity	3.7 L
Battery Capacity & Type	10,400 mAh Lithium Ion
Easy to Charge (Charging Method)	Dock Charging Station
Control Buttons	1 power switch key + 4 mode keys
Overall Robot Weight	11 kg
Robot Dimensions	451 (L) mm x 403 (W) mm x 263 (H) mm
Waterproof Protection	IP68 (robot), IPX4 (charging dock)
Water depth range	0.5 m to 3 m
Warranty Period	2 years
OTA performance updates	Yes

Beatbot A100 Pro Video

https://beatbot.com

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