

Harpalyk

Robo-Titan

Advanced Robotic Pool Cleaner

Robo-Titan is a high-performance robotic pool cleaner engineered to simplify and automate pool maintenance.



Complete Pool Cleaning

Cleans floor, walls, stairs & waterline



Powerful Suction

Deep cleaning with dual drive motors



Ultra-Fine Filtration

Captures debris & filters pool water



Smart Navigation

Intelligent path planning for maximum coverage



Water-Saving

No drainage required after cleaning



Advanced Robotics

Engineered for efficiency and reliability



High Performance

Strong suction, agile movement, spotless results



Built to Last

Premium materials for long-lasting durability



Effortless Maintenance

Set it, clean it, enjoy your pool



POWERFUL CLEANING PERFORMANCE

ENGINEERED FOR A SPOTLESS, HEALTHIER POOL



TWIN DRIVE MOTORS

Enhanced mobility and cleaning power



DUAL WATER-PUMP FILTRATION SYSTEM

Powerful suction and efficient water circulation



4 LARGE DEBRIS INTAKE GATES

Maximum debris collection from all directions



HIGH-CAPACITY FILTER BASKET

Captures leaves, dirt, hair, algae, and fine particles



ULTRA-FINE FILTRATION

Removes contaminants as small as 20 microns



STRONGER SUCTION

Deep, powerful cleaning for every surface



SMARTER COVERAGE

Advanced navigation for complete coverage



RELIABLE & DURABLE

Built with premium materials for long-lasting performance



HEALTHIER WATER

Superior filtration for crystal-clear water



SMART NAVIGATION & PRECISION CLEANING



INTELLIGENT CLEANING PROGRAM

Optimizes cleaning routes for maximum efficiency and complete coverage.



MULTIPLE CLEANING PATTERNS



S-SHAPE
FLOOR CLEANING



CROSS-PATTERN
CLEANING



COMPLETE POOL COVERAGE

Covers floors, walls, stairs, and waterline areas.



SPOT CLEANING WITH REMOTE CONTROL

Handheld full-function remote enables targeted cleaning of problem areas.





ADVANCED FILTRATION



**STANDARD HIGH-CAPACITY
FILTRATION SYSTEM**

OPTIONAL 20µm ULTRA-FINE SECONDARY FILTER

Captures even the smallest particles



Green Algae



Dust



Sand



Fine Debris
& Sediments



AUTOMATIC SCHEDULING

Scheduled cleaning
reservation feature.



Set cleaning times in advance and Robo-Titan automatically begins cleaning according to your programmed schedule.



Set Schedule



Auto Start



Worry-Free Clean



FLEXIBLE CLEANING MODES

Choose the cleaning mode
that best suits your pool



**WALL & FLOOR
CLEANING**



**FLOOR ONLY
CLEANING**



ENERGY EFFICIENT OPERATION



Powered via a
29V Power Controller



Brushless motor technology for
efficient energy consumption



Highly effective cleaning with
reduced operating costs



**29V
POWER CONTROLLER**



**SAFE
LOW VOLTAGE**



**ENERGY
EFFICIENT**



**LOW NOISE
OPERATION**



**LOWER
OPERATING COSTS**



SUPERIOR CLEANING PERFORMANCE

POWERFUL SCRUBBING & SUCTION



4 POWERFUL MOTORS

Brushless motor
technology



8 STRONG SCRUBBING WHEELS

Deep scrubbing for
a spotless clean



HIGH-CAPACITY FILTRATION SYSTEM

Captures leaves,
dirt, hair, algae,
and fine particles



POWERFUL SUCTION

Picks up debris,
dust, sand, and
microscopic particles



MASSIVE CLEANING CAPACITY



CLEANS POOLS UP TO
2,500 m²



COMPLETE CLEANING CYCLE IN
APPROXIMATELY
2 HOURS



FILTERS UP TO
40,000 LITERS PER HOUR



ENHANCED FILTRATION



**STANDARD
HIGH-CAPACITY
FILTER BASKET**
Captures larger debris
with ease



**OPTIONAL
ULTRA-FINE
FILTRATION**
Captures microscopic
contaminants for
crystal clear water

Robo-Titan Pool Cleaning Robot – Technical Specifications

Category	Specification	
 Model Name	Robo-Titan	
 Material	High-Grade ABS Engineering Plastic	
 Application	Residential & Commercial Swimming	
 Color	Light Blue	
 Input Voltage	100–220V AC	
 Output Voltage	29V DC (via Power Controller)	
 Frequency	50–60 Hz	
 Rated Power Consumption	350 W	
 Power Source	29V Intelligent Power Control Unit	
 Waterproof Rating	IP68 (Robot), IP26 (Power Control Box)	
 Dimensions (L x W x H)	845.8 x 452.5 x 264 mm	
 Gross Weight (Per Set)	37.5 kg	
 Packaging Volume (CBM)	0.34 m³	

Cleaning Performance		
Parameter	Specification	
 Maximum Cleaning Area	Up to 2,500 m²	
 Cleaning Speed	80–120 m²/hour	
 Moving Speed	15 m/min	
 Water Filtration Rate	40,000 Liters/hour	
 Water Circulation Capacity	40 m³/hour	
 Cleaning Coverage	Floor, Walls, Waterline, Stairs & Coves	
 Maximum Wall Climbing Height	Up to 180 cm	
 Surface Compatibility	Tile, Vinyl, Gunite, Fiberglass	
 Pool Compatibility	Residential & Commercial Pools	

Filtration System		
Parameter	Specification	
 Standard Filter Bag	70 um Fine Filtration	
 Optional Fine Filter	20 um Ultra-Fine Secondary Filter	
 Filtration Capability	Captures Debris Down to 20 Microns	
 Filtration Type	High-Capacity Multi-Stage Filtration	

Drive & Scrubbing System		
Parameter	Specification	
 Drive System	Twin Drive Motor Technology	
 Motors	4 High-Performance Motors	
 Scrubbing System	8 Heavy-Duty Scrubbing Wheels	
 Navigation System	Smart Z-Pattern Intelligent Navigation	
 Cable Length	39 m Floating, Tangle-Resistant Cable	
 Cable Adjustment	Adjustable up to 39 m	

Control & Operation		
Parameter	Specification	
 Control Method	Automatic / Remote Controlled	
 Remote Control	Full-Function Handheld Remote	
 Cleaning Modes	Floor Only / Wall & Floor Cleaning	
 Cycle Time Options	4 Hours / 6 Hours / 8 Hours	
 Timer Settings	3 Programmable Cleaning Schedules	
 Scheduling Function	Automatic Cleaning Reservation	

Safety & Protection		
Parameter	Specification	
 Auto Shut-Off	Yes	
 Inversion Recovery Protection	Yes	
 Impeller Protection System	Yes	
 Low-Voltage Operation	29V DC Safe Operating System	
 Overload Protection	Integrated	