



MODEL: ESCARGOT

SWEeper CLEANING ROBOT

Eight core advantages



Intelligent
planning



Appointment
timing



Multiple collision
avoidance



Remote
monitoring



Multitask
cleaning



Autonomous
obstacle avoidance



Ultrasound
anti-drop



Automatic
charging





Overall Planning • Smart Living

CRAFTED FOR EXCELLENCE. DESIGNED FOR LIFE.

40,000m² large scene mapping *High Performance*

Comprehensive cleaning. Intelligent living. Effortless excellence.



AUTONOMOUS CLEANING PATH PLANNING

Intelligent navigation
for efficient,
complete coverage.



MULTI-TASK CROSS-ZONE CLEANING

Seamlessly handles
multiple areas
and tasks.



SMART STATISTICAL CLEAN AREA

Data-driven insights
for smarter
cleaning.



REMOTE MONITORING OF ROBOT STATUS

Stay informed.
Monitor anytime,
anywhere.



AUTOMATICALLY RESUME WHEN SUSPENDED

Picks up right where
it left off for
uninterrupted
cleaning.



PREMIUM MATERIAL BUILT TO LAST

Super absorbent
polymer material
for superior
performance.



HIGH PERFORMANCE & LARGE CAPACITY

Powerful cleaning
with 40,000m²
large scene mapping.



SMART, EFFICIENT & RELIABLE

Engineered for
efficiency, built for
reliability.



PREMIUM
CRAFTSMANSHIP



POWERFUL
PERFORMANCE



SUSTAINABLE
INNOVATION



UNCOMPROMISED
QUALITY



Intelligent Reminder Function

Keep abreast of the operating status of the robot
(Equipment maintenance reminder,
consumable replacement reminder,
equipment failure reminder)



**Equipment
Maintenance
Reminder**



**Consumable
Replacement
Reminder**



**Equipment
Failure
Reminder**





Three effects in one

Three-in-one enhanced design of sweeping + vacuuming + mopping, without missing corners. Cleaner and more thorough, to meet the use of various occasions



01 MOPPING



02 VACUUMING



03 SWEEPING THE FLOOR





TIMED TASKS • AUTOMATIC CLEANING

According to the actual cleaning requirements, customize the cleaning time and execute automatically cleaning task, the industry's original water circulation filtration technology, reduce the frequency of water changes, convenient and worry-free.



SCHEDULE SMARTER

Set cleaning tasks at 22:00 every Tuesday and Friday night.



AUTOMATIC EXECUTION

The robot will start the disinfection program regularly.



WORRY-FREE MAINTENANCE

Less manual effort, more time for what matters.





User authority management

Security management is particularly prominent, you can add different users and assign different permissions
Convenient for users to manage the robot daily



Multi-User Support

Add multiple users for centralized control.



Role-Based Permissions

Assign different access levels responsibly.



Safe & Transparent

Secure, traceable and reliable operation.



Convenient Daily Use

Manage robot activities with ease.





STRONG ENDURANCE



Battery Life: **4-6 Hours**



Low Battery, Automatically
Return to Charging





Bow-Shaped Wall-Following Cleaning Path



Full Coverage • No Omissions



Thorough & Spotless Clean





CORE FUNCTIONS

6 Core Advantages • Powerful Cleaning



**High Polymer
Roller Sponge**



**Full-Coverage
Bow Cleaning Path**



**No Secondary
Pollution • Circulating
Water Filtration
& Disinfection**



**High-Power
UV Disinfection
Lamp**



**15L
Large-Capacity
Water Tank**



**9H
Ultra-Long
Endurance**





Remote Intelligent Control, Cleaning is No Longer Difficult

Remotely control the robot through the cloud service platform.

Support web monitoring data and grasp the robot running status.

WiFi Function:

- Transmitting power: less than or equal to -20dBm
- Vector error margin:
 - 11b (11M, CCK): $\geq -13\text{dB}$
 - 11g (54M, OFDM): $\geq -30\text{dB}$
 - 11n (HT20_MCS7): $\geq -33\text{dB}$
- Receiving sensitivity:
 - 11b (11M, CCK): $\leq -80\text{dBm}$
 - 11g (54M, OFDM): $\leq -70\text{dBm}$; 11n (HT20_MCS7): $\leq -68\text{dBm}$



Cloud
Control



Real-time
Monitoring

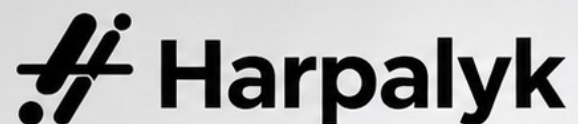


Smart
Navigation



Status
Tracking





ESCARGOT

Robotic Floor Cleaner

Powerful Cleaning. Intelligent Performance.
Built for a Spotless Future.



Model Name	ESCARGOT
Material	Sheet metal
Water Tank Capacity	15L
Cleaning Route	Use optimized algorithms to achieve clean and full coverage
Cleaning Mode	Standard, Heavy, Water absorption
Working Modes	Customs, Cycle Automatic, Manual Cleaning
Cleaning Efficiency	500 m ² /h
Battery Capacity	37V / 20Ah Lithium Battery
Minimum Passing Width	900 mm
Battery Life	4~6 hours
Whole Machine Weight	50 Kg
Charging Time	5~6 hours
Dimension (mm)	694 (L) x 500 (W) x 600 (H)
Rated Power	80 W
Rated Power of Whole Machine	130 W
UV Lamp Power	11 W
Screen Size	7 inches
Color	White
Certification	CE, RoHS



HIGH POLYMER ROLLER SPONGE

Durable & efficient cleaning
for all floor types



FULL-COVERAGE BOW CLEANING PATH

Wide bow-shaped path for
complete cleaning coverage



NO SECONDARY POLLUTION CIRCULATING WATER FILTRATION & DISINFECTION

Advanced filtration system ensures
clean, recycled water



15L LARGE-CAPACITY WATER TANK

Larger capacity for longer
cleaning without refilling



HIGH-POWER UV DISINFECTION LAMP

Powerful UV light eliminates
bacteria and viruses



9H ULTRA-LONG ENDURANCE

Long-lasting battery for extended
cleaning performance