



HARPALYK is an advanced smart-appliance technology brand specializing in AI-driven, robotics-enabled systems. HARPALYK was established with the objective of translating core robotic architectures, autonomous control systems, and intelligent perception technologies into practical, real-world applications.

## HARPALYK's PRODUCT ECOSYSTEM



**Autonomous Robotic Vacuum Systems**  
with AI-based navigation and SLAM



**Robotic Swimming Pool Cleaning Platforms**  
with adaptive path planning



**Duct Inspection & Cleaning Robots**  
for confined and complex environments



**Autonomous Grass-Cutting Robots**  
utilizing intelligent terrain mapping



**Automatic Glass Cleaning Robot**



**And Other Intelligent Robotic Solutions**



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All-in-One Fully Automatic

## Premium AI-Powered

Hands-free Home Cleaning  
Robotic Vacuum Cleaner

### Intelligent, Powerful & Fully Automated Cleaning Experience

Automatic Functions:

- ✓ Self-Navigating
- ✓ Automatic Mop Washing
- ✓ Hot Air Drying (55°C)
- ✓ Self-Cleaning Dock
- ✓ Multi Floor Mapping
- ✓ Automatic Detergent Mixing

Delivering an uninterrupted, maintenance-free,  
and truly intelligent cleaning experience for  
modern luxury homes.



**High Precision LiDAR Navigation +  
DToF + Adaptive Avoidance —**  
Smarter Mapping, Efficient Cleaning



Model Name:  
**HygienX 300**



Contact No.  
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# Intelligent **RT<sup>2</sup>R 4.0** Mapping Technology

The advanced RT<sup>2</sup>R 4.0 Mapping System performs an ultra-precise 360° environmental scan for faster, smarter, and highly accurate navigation.



Maps the entire home  
**within minutes**



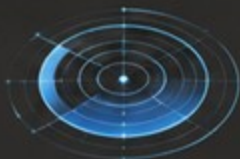
Up to **4× higher**  
object detection accuracy



**Intelligent room**  
recognition &  
route optimization



**360°**  
ULTRA-PRECISE  
SCAN



AI-POWERED  
SMART NAVIGATION



FASTER MAPPING.  
SMARTER CLEANING.  
BETTER COVERAGE.





# Powerful Cleaning. Elevated Performance.

Advanced suction, smart mopping and intelligent navigation for a spotless clean every time.



## Strong Suction Power

Deeply cleans dust and debris



## Smart Mopping System

Consistent water flow for a streak-free finish



## Intelligent Navigation

Efficiently maps and cleans every corner



### AI-Powered 10N High-Pressure Scrubbing Technology

# 10N

Downward Pressure



High-Pressure  
Scrubbing  
Technology

# 185



RPM

Dual Rotating Mop System

The intelligent dual rotating mop system spins at up to 185 RPM while applying powerful 10N downward pressure to effectively remove stubborn stains, sticky messes, and deep floor dirt that ordinary robot mops leave behind.

### Smart & Hygienic Mopping System



## Automatic Self-Washing

Cleans the mop pads automatically during operation.



## Hot-Air Drying

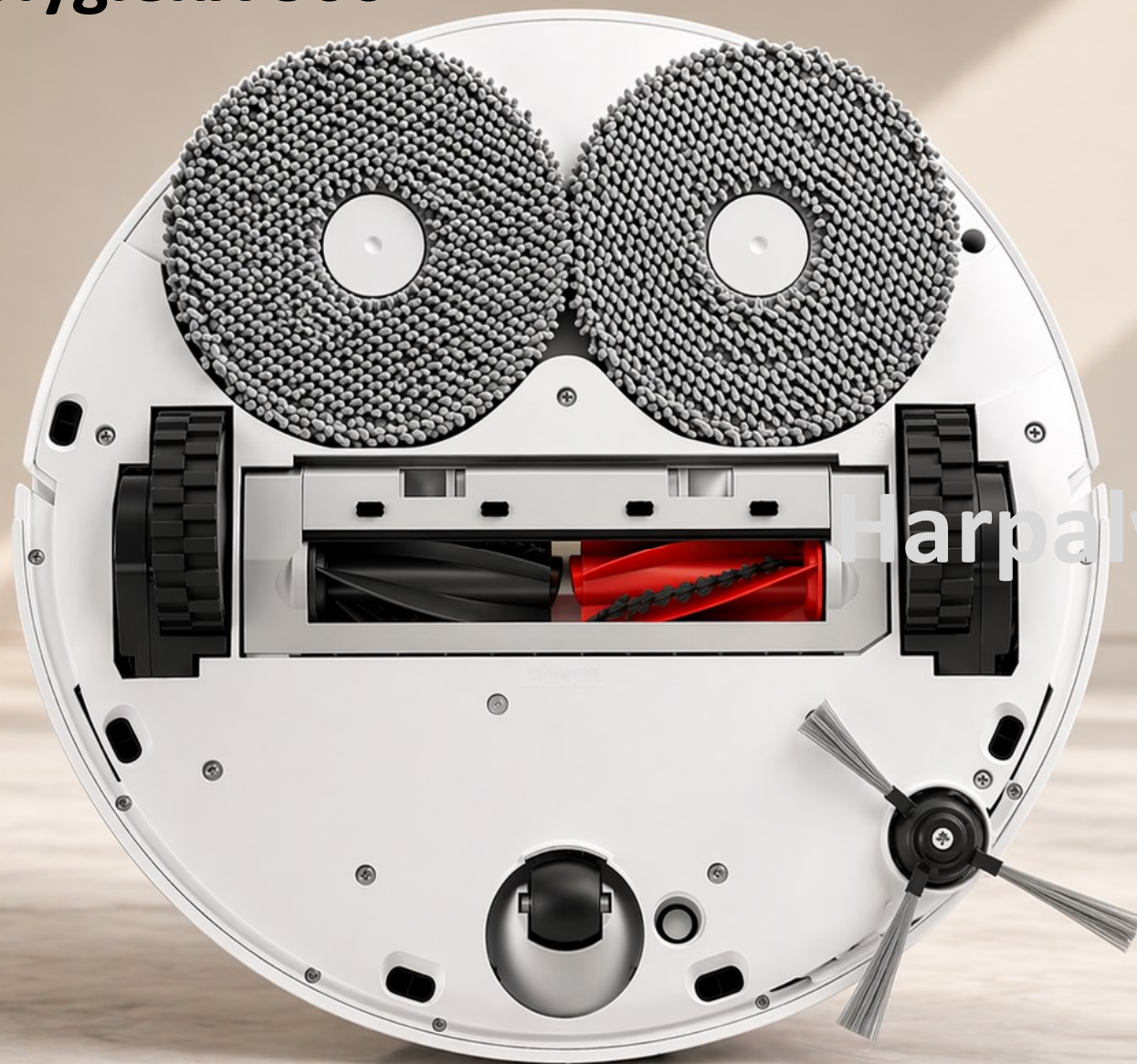
Dries the mop pads with hot air to prevent bacteria and odor.



**Hygienic. Hands-Free. Always Ready.**



**Model: HygienX 300**



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## Intelligent Carpet Auto-Lift Mop Technology

When carpets or rugs are detected, the mop pads automatically lift to prevent moisture transfer and staining, allowing seamless cleaning between hard floors and carpeted surfaces.



### Automatic Mop Lifting

Prevents moisture transfer and carpet staining



### Seamless Cleaning

Effortlessly transitions between hard floors and carpets



**Mop Pads Auto-Lift**  
Lift height up to 10mm



## Anti-Tangle Dual Cyclone Roller Brushes Perfect for Pet Hair and Long Hair

Specially engineered for homes with pets and long hair, the advanced dual-roller system captures dust, hair, and debris efficiently while minimizing wrapping and clogging for consistently powerful performance.



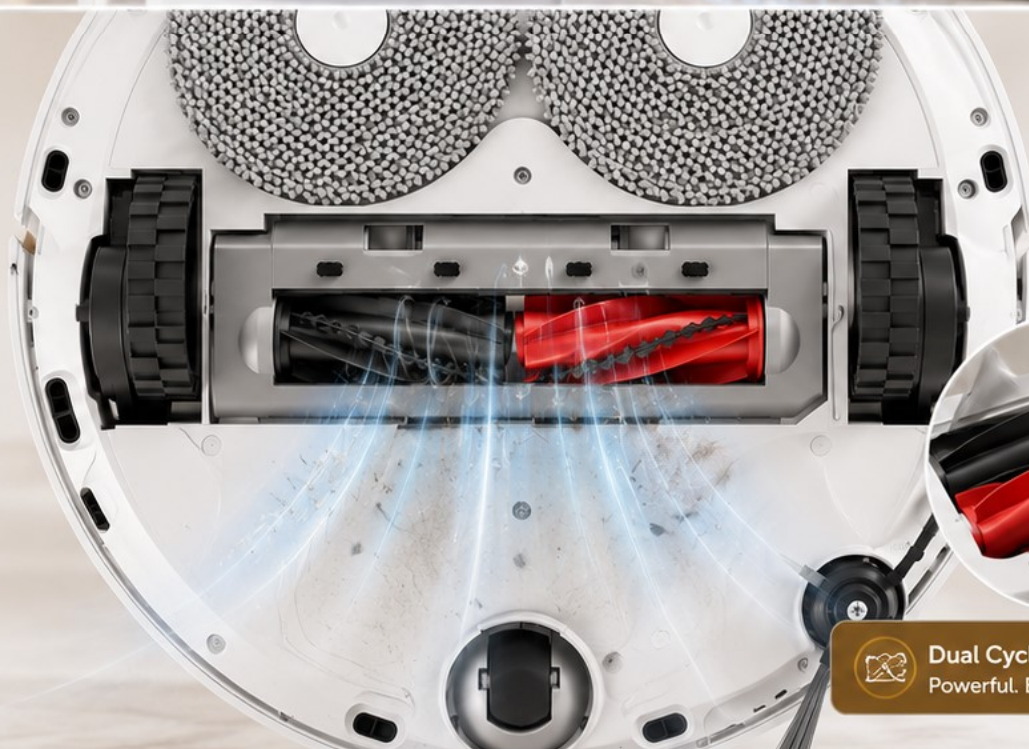
### Anti-Tangle Design

Reduces hair wrapping and prevents clogging



### Perfect for Pets & Long Hair

Captures pet hair, long hair and fine dust with ease



**Dual Cyclone Roller Brushes**  
Powerful. Efficient. Tangle-Free.

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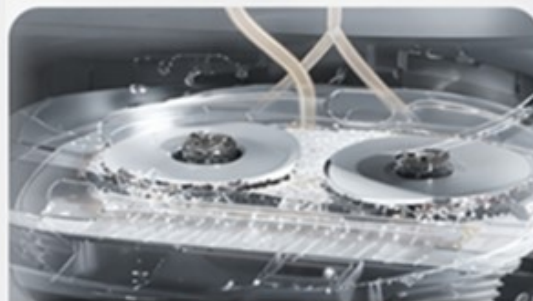
Robot vacuum cleaner with self-cleaning base station



Self Filling



Self Emptying



Self-Washing



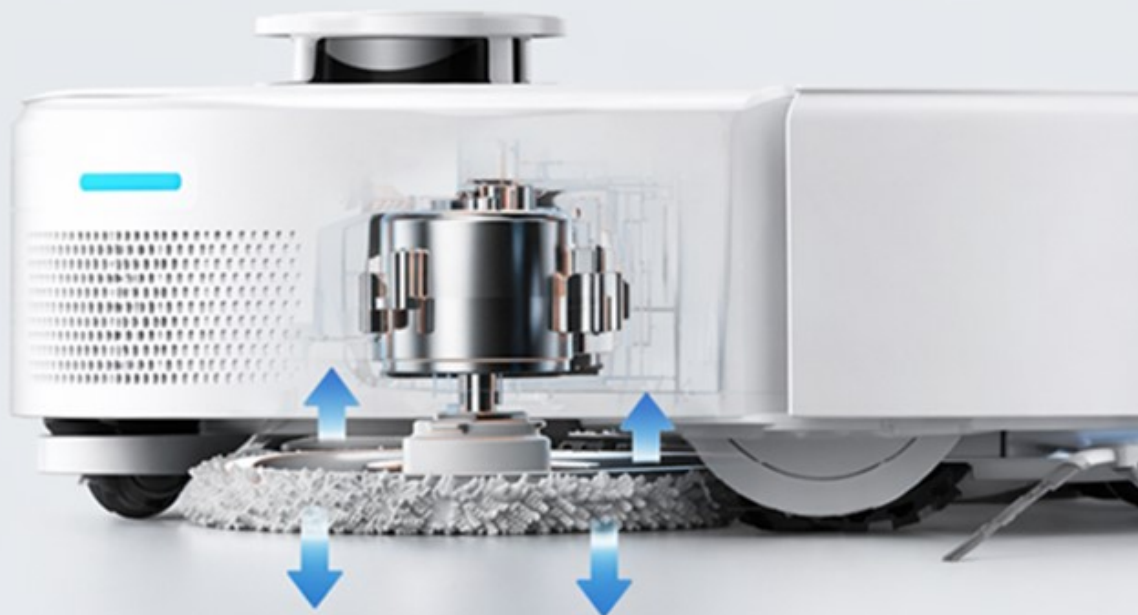
Self-Drying

## **Auto Mop Lifting**

Automatically recognises carpets and raises the mop when sweeping carpets

## **10 N Mop Rotates Down**

10N downward-pressurised rotating mop for easier dirt removal





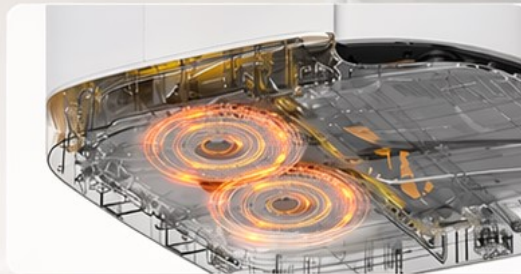
# Model: HygienX 300

## All-in-One Multifunctional Station

True hands-free experience,  
from cleaning to maintenance  
all done for you.



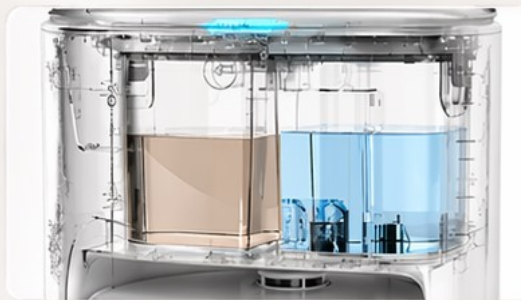
Auto Mop Washing



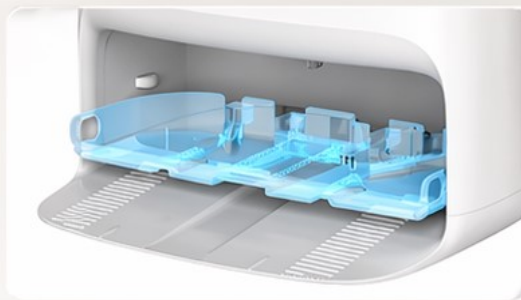
Auto Hot-Air Drying



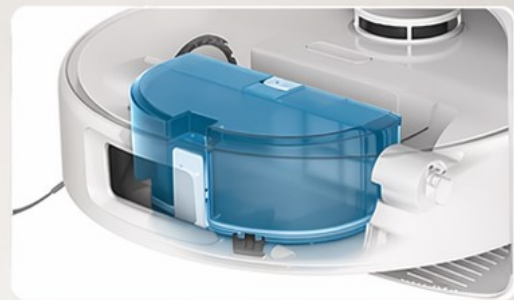
Auto Cleaning Solution Refilling



High-Capacity Dirty/Clean Water Tanks



Detachable Base



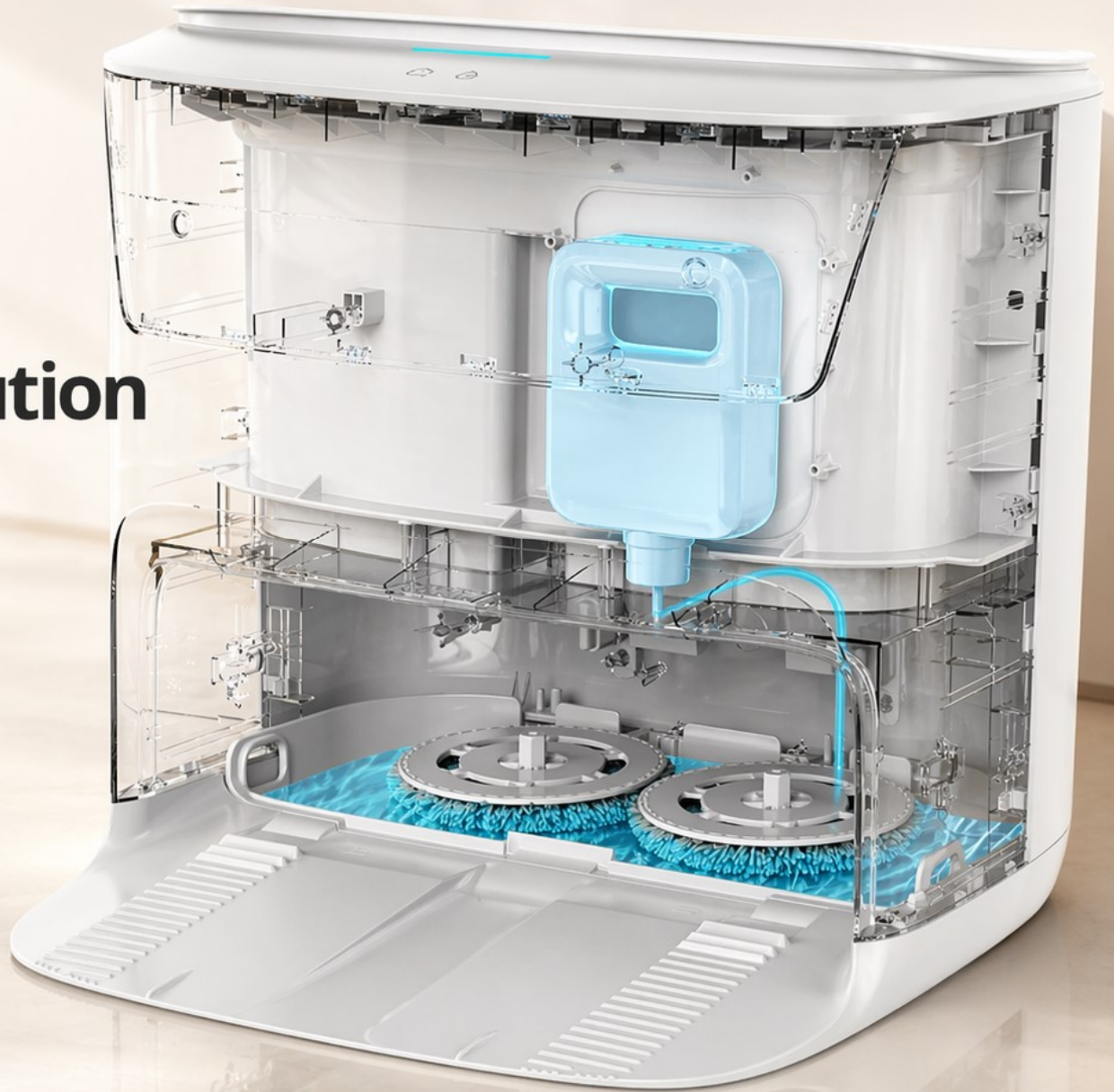
Large-Capacity Reusable Dustbin



# Model: HygienX 300

## Auto-Mixed Cleaning Solution

One bottle supports up to  
180 auto-wash cycles  
99% long-term  
antibacterial rate



# Model: HygienX 300

## Auto Detergent Dispensing

Applies detergent automatically for deep, effective cleaning while being gentle on floors.



Auto Detergent Dispensing



Deep & Effective Cleaning



Gentle on Floors





# All-round Self-Cleaning Base Station

Self-cleaning is equal to truly liberating your hands,  
enjoying a one-stop cleaning experience

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Sewage Tank  
4L



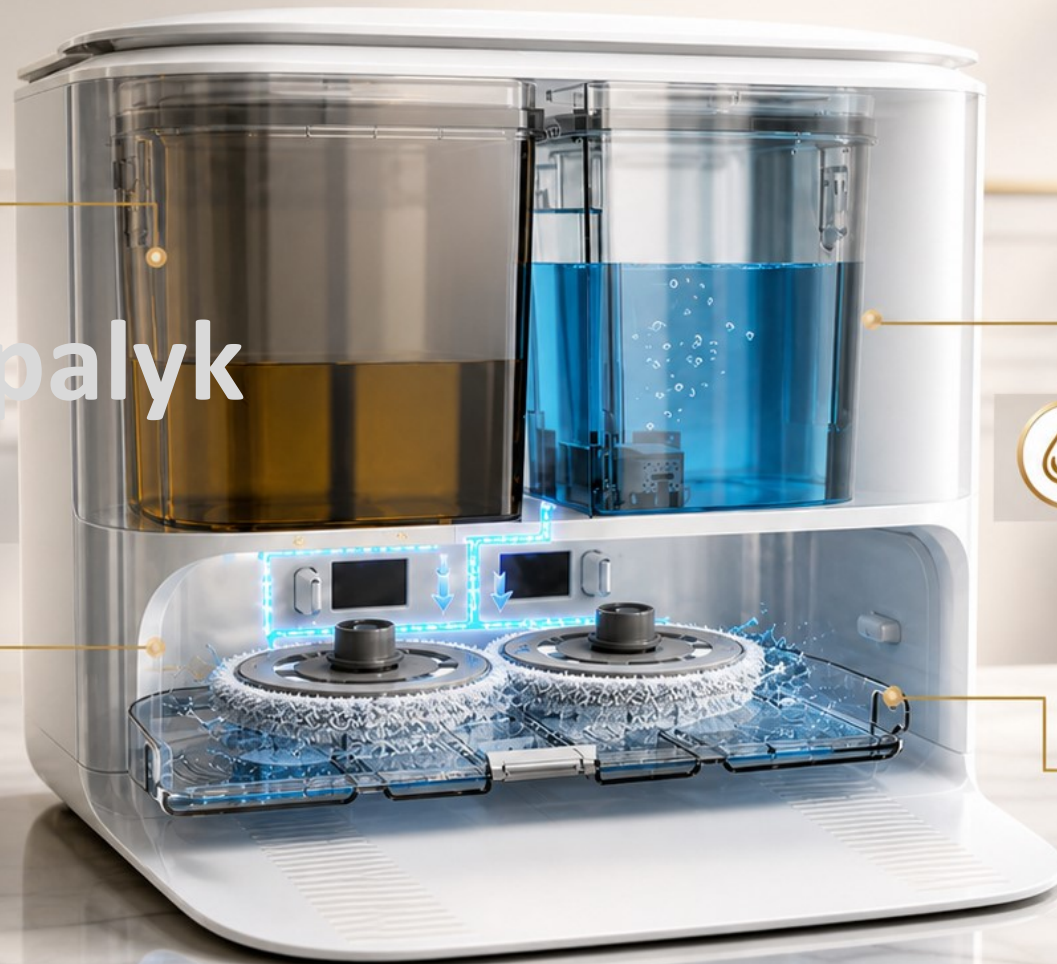
Clean Sewage  
Separation



Clean Water Tank  
4L



Scrubbing-style  
Mop Cleaning





# Automatic Hot Wind Drying Stay Dry & Fresh All the Time

55°C drying mop, eliminates dampness  
and odors Reducing bacterial growth



55°C  
Hot Air Drying



Eliminates  
Dampness & Odors



Reduces  
Bacterial Growth



Stay Dry &  
Fresh All the Time





# 15,000 Pa Powerful Suction

High-Performance Motor, eradicates hidden debris in cracks, removes embedded carpet dust, captures large particles effortlessly - solved like a pro.



15000Pa



Buried hair and fur



Pet food



Cereal and crumbs

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### SOFT THICK ANTI-BACTERIAL PAD

Hygienic & Gentle on All Floor Types



### CARPET AUTO-LIFT MOP (10mm)

Smarter Cleaning Without Wet Carpets



### DUAL CONTINUOUS ROTATING MOPS

10 N Higher Pressure & 185 RPM  
Deep Scrubbing Power



### ADAPTIVE DETECTION

Intelligently Adapts to Your Home



### AUTO MOP WASHING



### HOT-AIR DRYING



### AUTO DETERGENT DISPENSING



### FULLY DETACHABLE CLEANING TRAY



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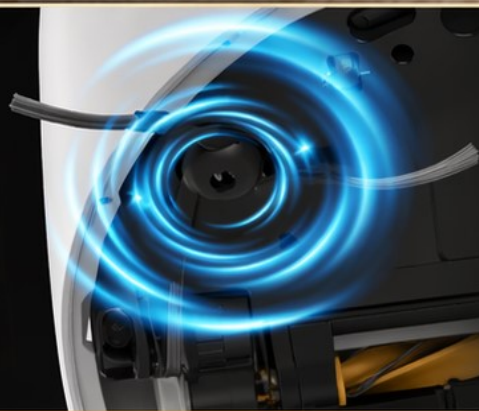


# Excellent Tangle-Free Design

Dual drive roller brushes with 45° angled bristles and widened soft rubber blades to effectively reduce hair tangling.



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## Zero-Tangle Side Brush

Prevents hair wrapping and keeps cleaning smooth.



## Tangle-Free Dual Drive Roller Brushes

45° angled bristles and widened rubber blades reduce hair tangling.





# Large 1000ml Dustbin

Unique Bagless Auto Compressed System



No disposable bags.



No recurring costs.



No unpleasant odors.



The advanced bagless auto-compressed dust collection system delivers a cleaner, quieter, and more eco-friendly cleaning experience while reducing maintenance and operational expenses.



## Auto Compression

Innovative compression technology reduces dust volume intelligently.



## 1000ml Capacity

Large capacity dustbin for longer cleaning sessions.



## Quieter Operation

Engineered for ultra-quiet performance.



## Eco-Friendly & Cost-Saving

Bagless design helps save money, and protects the environment.



# Effortless Bagless Emptying

No Bags, No Hassle, No Waste

The bagless design lets you empty dust and debris in seconds—no bags to buy, no mess to deal with.



Unpleasant Odors & Noise



No dust bags needed

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# Powerful Mopping: Spotless Floors, Dry Carpets

Our advanced system delivers an unmatched clean.

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## Model: HygienX 300

Smart Cleaning. Powerful Performance.



Advanced Cleaning Technology  
for a Healthier Home

### KEY HIGHLIGHTS

- |                                                                                                                     |                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  15,000 Pa Powerful Suction      |  Self-Cleaning & Hygienic System |
|  AI + LiDAR Precision Navigation |  Pet Hair Optimization           |
|  Fully Automated Smart Dock      |  Intelligent Carpet Handling     |
|  Hot Air Drying (45°C)           |  Ideal for Homes with Pets       |



POWERFUL  
SUCTION



AI  
NAVIGATION



AUTO  
DOCK



HOT AIR  
DRYING



SELF  
CLEANING

### PRODUCT PARAMETERS

|                                                                                     |                       |                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
|    | Suction Power         | 15,000 Pa                                                                                                                   |
|    | Mopping System        | Dual Soft Thick Self Cleaning Scrubbing Anti-bacterial Pad + (10 N Higher Pressure) + Auto Lifting Mop (Adaptive detection) |
|    | Dock Automation Level | Fully Automated (Wash, Drying, Self-Clean) + Detergent Cleaning + Hot Air Drying (45°C)                                     |
|    | Navigation & AI       | Lidar + AI + DToF                                                                                                           |
|    | Pet Hair Optimization | Yes (Dual Cyclone Anti-Tangle Brush System)                                                                                 |
|    | Auto Dust Emptying    | 1000ml (with Compression)                                                                                                   |
|    | Mop Auto Lift on      | 10mm + Adaptive Carpet Detection                                                                                            |
|   | Detergent Dispenser   | Yes                                                                                                                         |
|  | Camera                | Without Camera Navigation System (for Privacy-focused)                                                                      |
|  | Dust Filter           | HEPA (3-layer) Higher Grade                                                                                                 |
|  | Obstacle Crossing     | ≤ 20 mm                                                                                                                     |
|  | Mop System            | Self-cleaning mop + Anti-bacterial pad                                                                                      |

|                                                                                       |                     |                                                         |
|---------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------|
|    | Mop Drying          | Hot Air Drying (55°C)                                   |
|    | Mopping Pressure    | 10N (Higher cleaning pressure)                          |
|    | Carpet Handling     | Mop auto-lift (10mm) + Adaptive detection               |
|    | Dustbin Capacity    | 1000ml (with Compression)                               |
|    | Battery             | 5200 mAh                                                |
|    | Multi-floor Mapping | Up to 5 maps                                            |
|    | Water Tank          | 4L clean + 4L dirty (station-based system)              |
|   | Robot Size          | 35x35x11 cm                                             |
|  | Base Station Size   | 42.1 x 39.8 x 39.9 cm (Larger + More Feature-Rich Dock) |
|  | Maintenance Alerts  | Yes                                                     |
|  | Control Method      | App, Push Buttons, Voice Command                        |

