ECOVACS

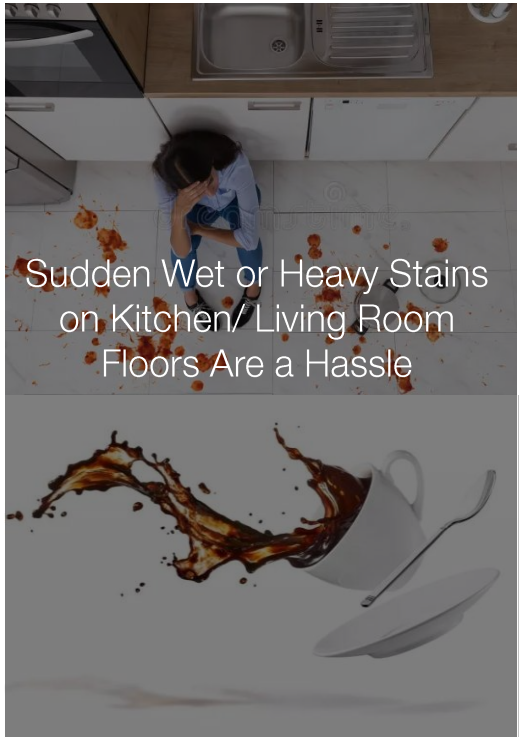
ECOVACS DEEBOT T80S OMNI

Introduction & Review Guidance

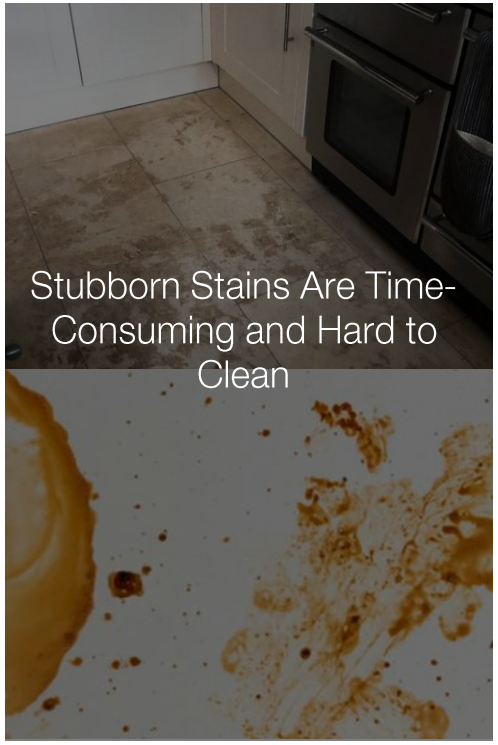
Jan, 2026

Living Scenarios are Constantly Evolving and Expanding, Raising the Demand & Standards for Cleaning

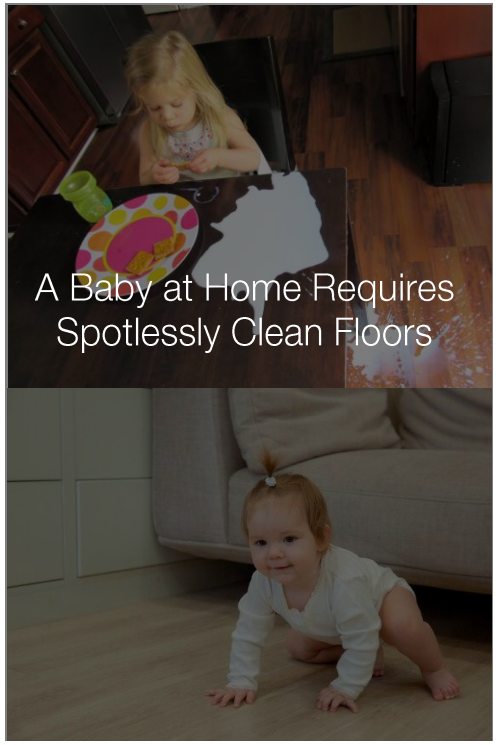
Accidental Wet Stains/ Heavy Dirt



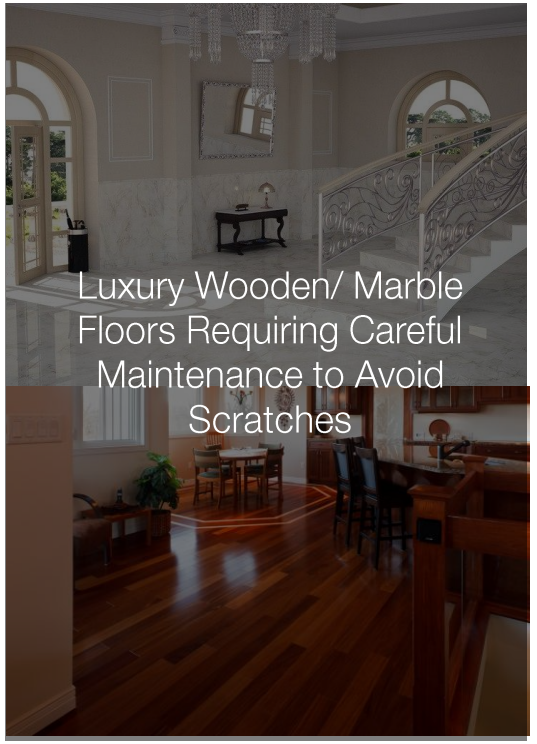
Stubborn Stains on Floors



Demand for Spotlessly Clean Floors



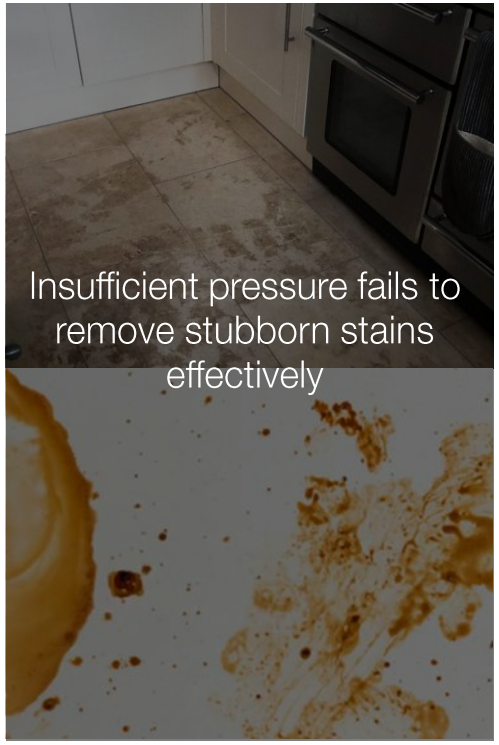
Luxury Wooden/ Marble Floor



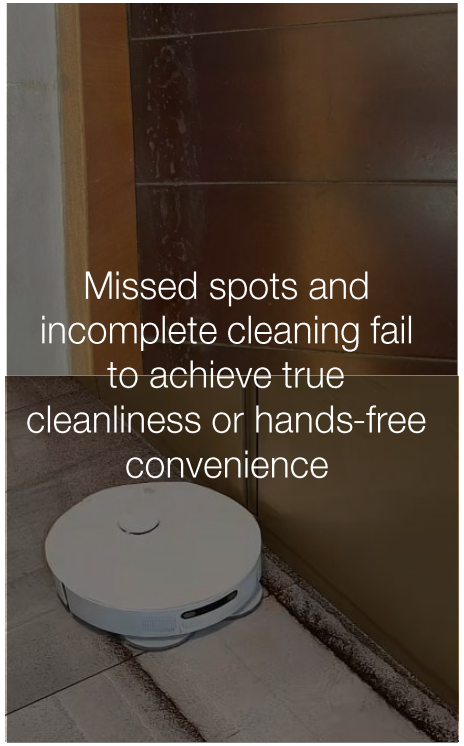
Evolving Cleaning Demands in Home Life That Standard Robot Vacuums Struggle to Meet

Cleaning With A Dirty Mop

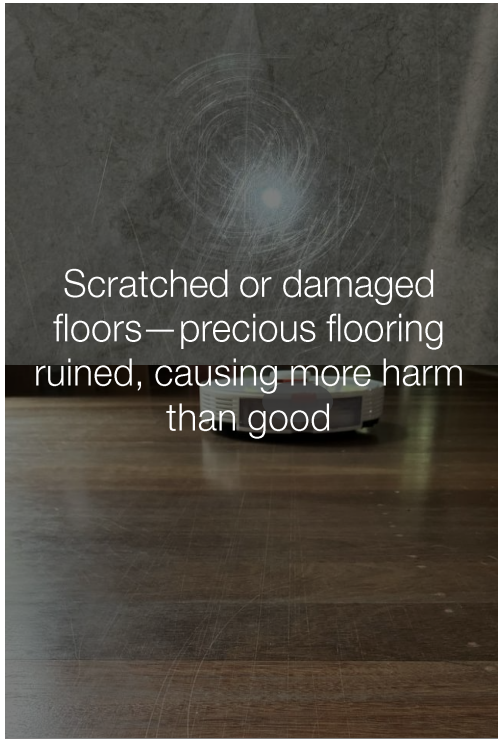
Poor Performance in Cleaning Stubborn Stains



Missed Spots in Corners and Edges



Scratching the Floor



DEEBOT T80S OMNI SPEC

DEEBOT T80S OMNI

The Upgraded Version of the 2025 Bestseller T80 OMNI Robot Vacuum with OZMO ROLLER Mopping Technology




		DEEBOT T80S OMNI	DEEBOT T80 OMNI
Cleaning Performance	Max Vacuuming Power	24800Pa	18000Pa
	Run Time (Quiet Mode)[2]	Up to 241 mins	Up to 241 mins
	In-Station Water Tank Capacity	Clean 4L Dirty 2.2L	Clean 4L Dirty 2.2L
	In-Station Dust Bag Capacity	3L (Up to 90 days)	3L (Up to 90 days)
Advanced	TruEdge Mopping (Up to 1mm Edge Mopping)	TruEdge 3.0	TruEdge 2.0
	ZeroTangle Brush (Prevents Hair Entanglement)	Zero Tangle 3.0 (Anti tangle side brush)	Zero Tangle 3.0 (Anti tangle side brush)
	Auto-Mop Washing	√	√
	Side Brush Lift	√	x
	Main Brush Lift	√	x
	Mop Lift	10mm	10 mm
	Hot-Water Mop Washing	40-75℃ Temperature-Controlled	40-75℃ Temperature-Controlled
	Auto-Hot Air Drying	√ (63°C)	√ (63°C)
	Auto-Dust Emptying	√	√
	Mopping System	OZMO Roller 2.0 (Soft Edge Adhesion)	OZMO Roller
	Customized Clean, No-Go Zones, Virtual Boundaries	√	√
Intelligence	Navigation Technology	dToF	dToF
	3D Home Mapping	√	√
	Obstacle Avoidance	AIVI 3D 3.0	AIVI 3D 3.0
	Video Manager	√	√
	Smart Home Compatibility	√	√
	APP Control	√	√

OZMO ROLLER 2.0 with
the new TruEdge 3.0 Extreme
Edge Cleaning

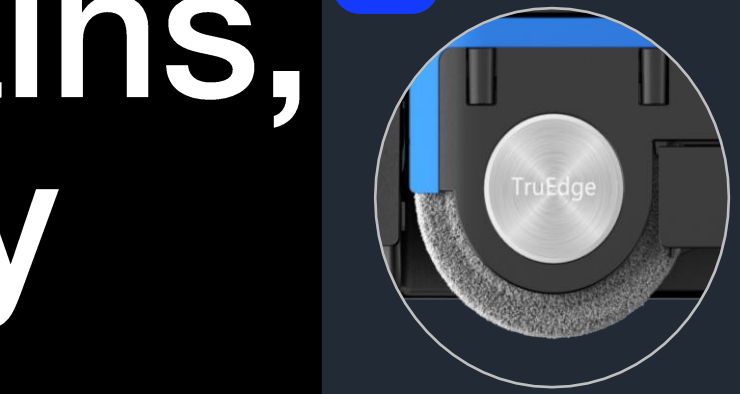
OZMO ROLLER 2.0: Upgraded Instant Self-Washing Mopping Technology

Fight Stains, No Mercy

The all-new OZMO ROLLER 2.0 Instant Self-Washing Mopping Technology elevates stain removal to the next level.

Building on the highest pressure and rolling speed inherited from the last generation of OZMO ROLLER, it now features a high-density-nylon mop roller, and AI Stain Detection 2.0, all of which enhance its ability to tackle tough stain like never before.

NEW



High-density-nylon mop roller

Reinforced high-density nylon strip for tackling tough stains

Extreme pressure and speed

Increased performance and stability

NEW

AI Stain Detection 2.0

Enhanced stain detection with heavy-duty solution automatically engaged

NEW

High-density-nylon mop roller

High-density-nylon strip is added on the mop roller to enhance stubborn stain removal (similar to those on main brush of high-end vacuum cleaners).

This new-form roller is lab-tested and proven reliable on plenty of vacuum cleaner products and proves no damage to your floor.

Wash the floor powerfully

3800Pa Pressure Intensity

220rpm Rolling Speed

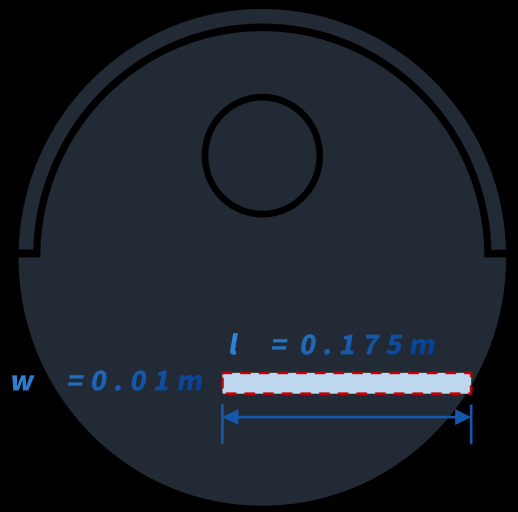
It's not the *force* but the *pressure intensity*, That Defines the Cleaning Power

Wiping stubborn stains on a table with a flat palm is ineffective, the key to true cleaning lies in applying concentrated force at a single point—with just two fingers. The same principle applies to floor cleaning.

More Concentrated Force:
3800Pa Pressure Intensity

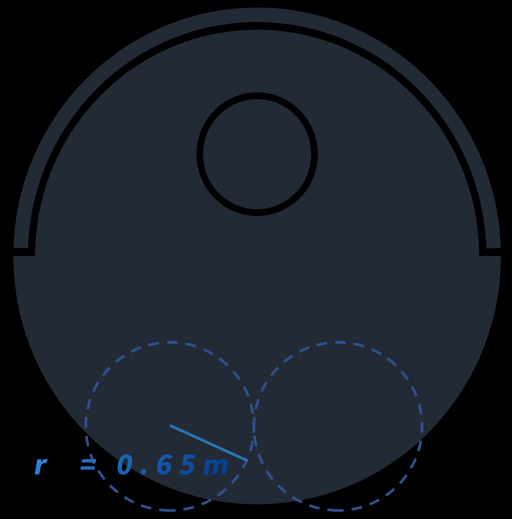
16 times the cleaning pressure of standard dual-disc floor mops.

Wash the floor powerfully



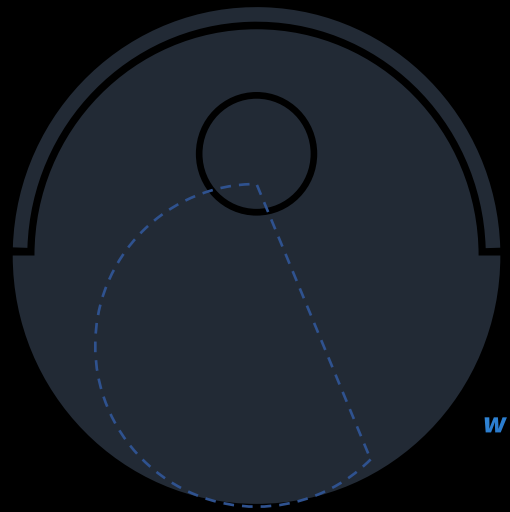
OZMO ROLLER 2.0

T80S tested: 3800Pa



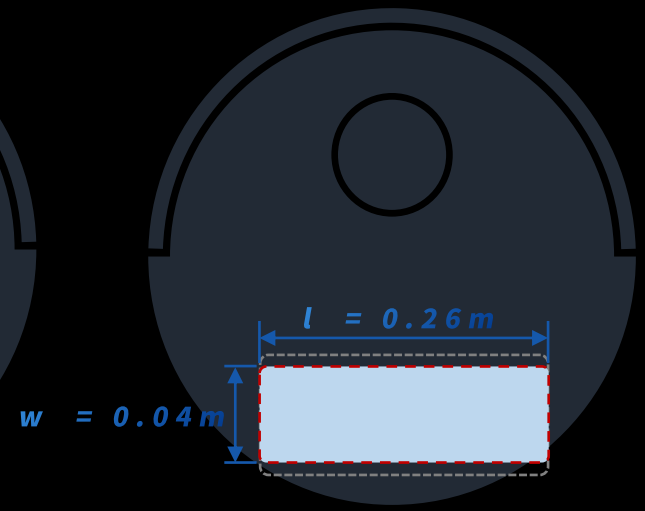
Dual-plate mopping

Tested: 227Pa



Vibrating Mopping

Tested : 274Pa



Caterpillar-style mopping

Theoretical Estimation: 700Pa

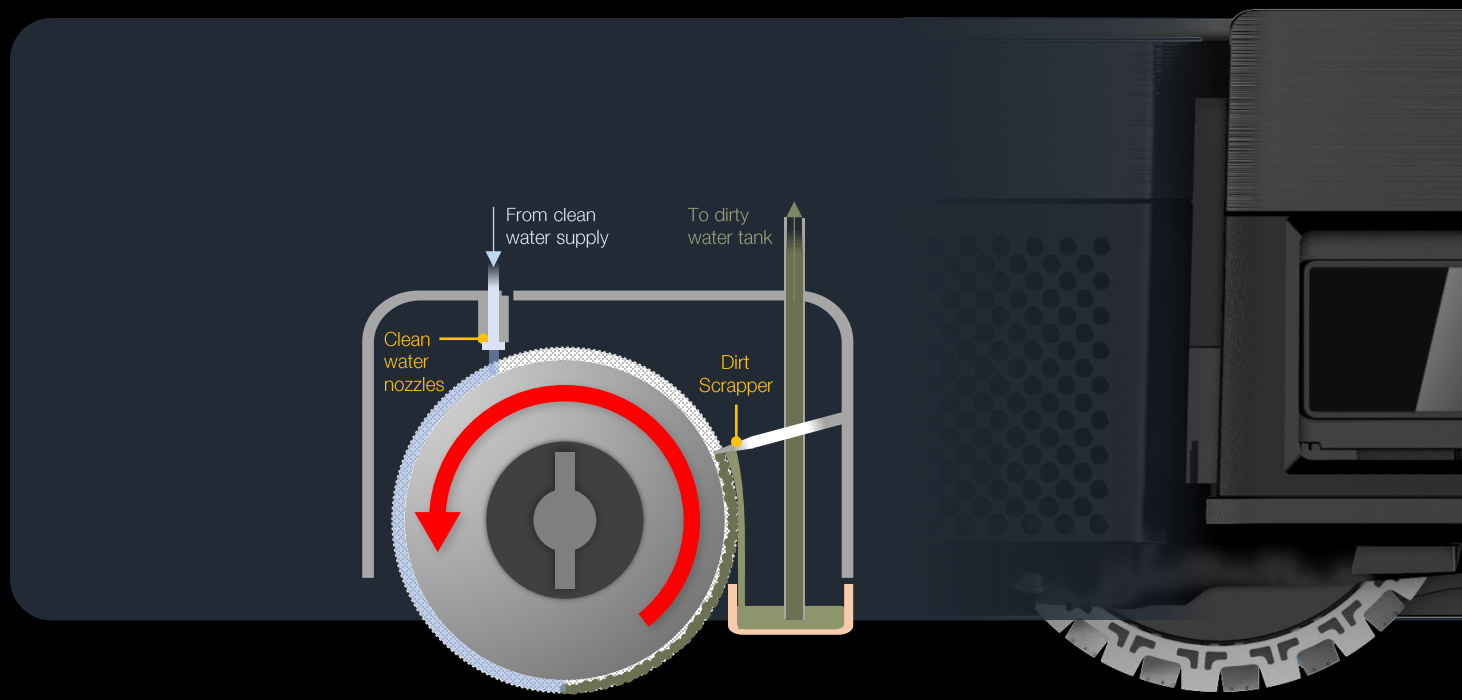
Instant self-washing mopping

Technical principle:

In each roll, the mop surface first passes through a scraper that removes dirt and wastewater from the mop. Then, an array of 8 water nozzles delivers fresh water back to the mop to keep the mop wet and renewed.

Therefore, each roll is a complete process of mop washing, and it happens 220 times per minute. It effectively prevents polluted streaked and cross-contamination.

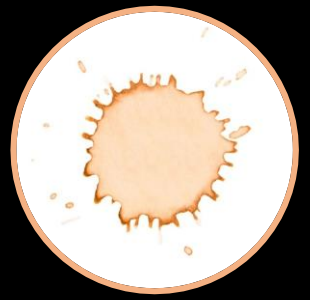
Also, with the instant self-washing system, it is no longer obligatory to hold excessive amount of water in the mop (which was intended to dilute cross-contamination). As a result, it leaves much less water residue on floor and may dry in seconds.



AI Stain Detection 2.0

Quick re-mop for light stains

Lift up main brush and side brush, clean back and forth, then carry on.



Deep re-mop for heavy stains

Two passes in cross-pattern. The mop is washed after each pass to prevent cross-contamination.

Stretch out a bit more

The roller can extend an extra centimeter beyond the main body, allowing it to reach closer to edge, deeper into corner, and even into recessed baseboard that DEEBOT cannot enter directly.

* Refers to the ability of the extended roller to reach recessed spaces that are lower than the main body but taller than the roller itself. For more details, refer to the TruEdge section.

NEW

Extended further than ever:

15mm beyond the body for deeper edge cleaning

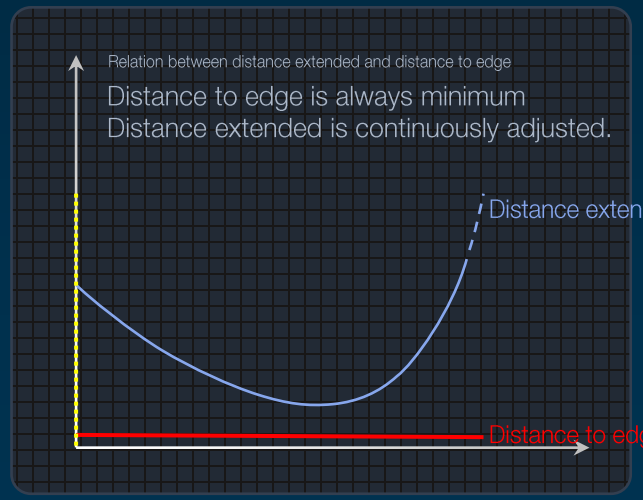
NEW

TruEdge 3.0

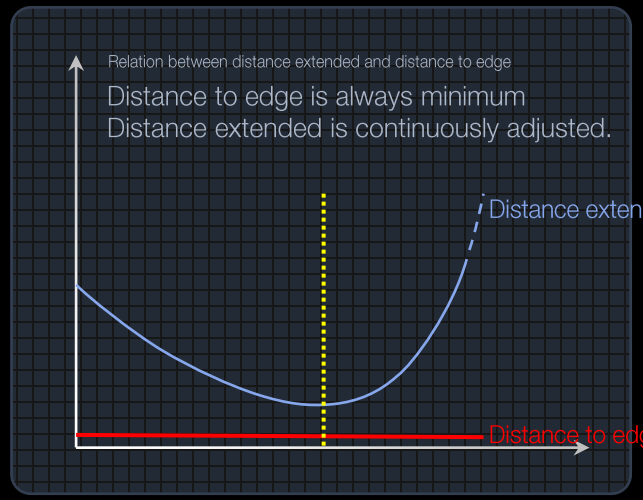
Extreme Edge Cleaning

The upgraded TruEdge technology features a continuously variable roller extension with air-cushioned structure that keeps a gentle contact with obstacles. This enables a safe, extreme mopping that prevents furniture or structural damage during turns.

Paired with a fixed-position side brush that reaches into corners, DEEBOT ensures complete vacuuming and mopping coverage along edges.



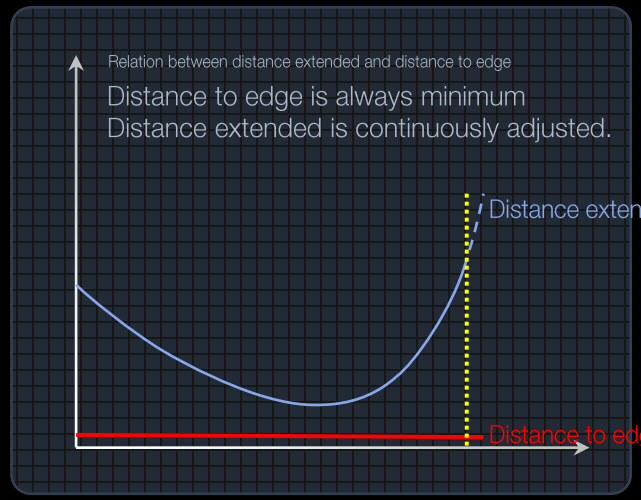
Continuously Variable Air-Cushioned Roller



NEW

Continuously Variable Air-Cushioned Roller

The Continuously Variable Air-Cushioned Roller enables the roller mop to continuously adjust its extension distance for perfect edge coverage, with every touch gentle as air, even when contacting against obstacles.



NEW

Continuously Variable Air-Cushioned Roller

The Continuously Variable Air-Cushioned Roller enables the roller mop to continuously adjust its extension distance for perfect edge coverage, with every touch gentle as air, even when contacting against obstacles.

Two new soft rubber edge-gliding wheels can directly contact with straight-line edges, which allows the roller to glide along wall or baseboard with completely no gap in between. The air-cushioned roller system ensures gentle and stable lateral pressure during edge following, preventing potential damage.

Dual edge-gliding wheels

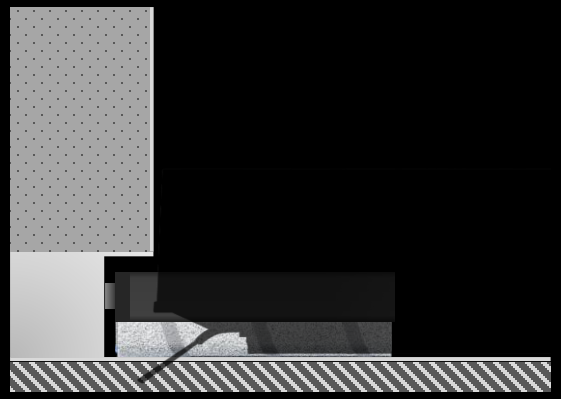
The edge-gliding wheels allow the device to roll along baseboards or walls, enabling zero-distance edge gliding for extreme cleaning coverage.

NEW

Gliding on the edge

Two new soft rubber edge-gliding wheels can directly contact with straight-line edges, which allows the roller to glide along wall or baseboard with completely no gap in between. The air-cushioned roller system ensures gentle and stable lateral pressure during edge following, preventing potential damage.

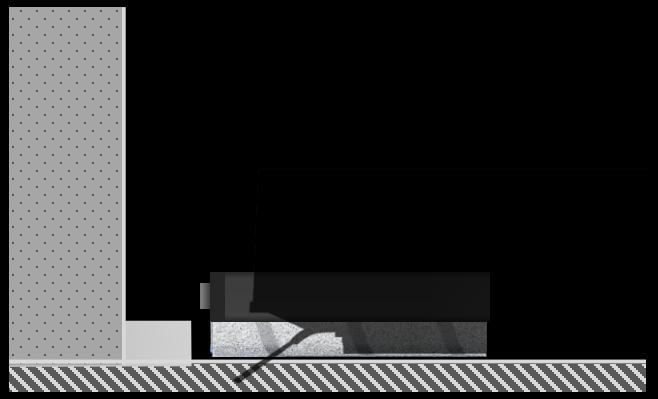
Supported by **TruEdge 3D Edge sensor**, DEEBOT accurately detects the protrusion or recess of baseboards, allowing it to clean recessed areas where possible, or avoiding forced contact with edges lower than the edge-gliding wheels—maximizing coverage without compromising safety.



Special scenario 1:

Where DEEBOT cannot enter while the roller can, the roller stretches in.

(The last-gen roller extended only 5mm beyond the chassis, which was insufficient for cleaning recessed baseboards.)



Special scenario 2:

Where baseboard or threshold is lower than the edge-gliding wheels, extra distance will be kept.

100%

Coverage of side brush

The side brush is positioned at an optimal fixed location to achieve full edge and corner coverage without requiring mechanical extension. This design avoids the instability and complexity of movable structures.

Interior Corner Coverage: 94%

External Corner Coverage: 100%

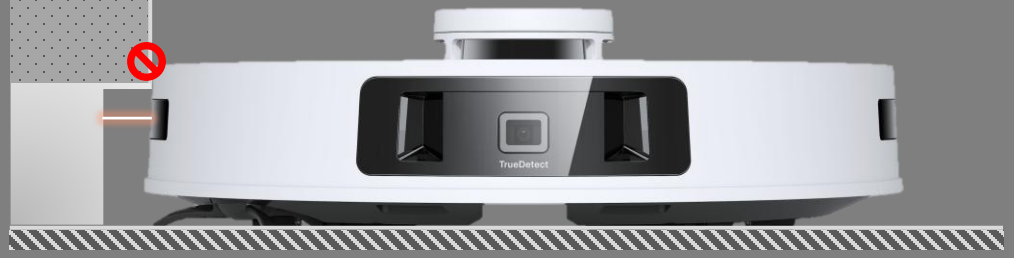
TruEdge 3D Edge Sensor

Infrared edge sensor cannot effectively adapt to different types of skirting boards

Infrared edge sensor can only measure the edge distance at a fixed height (typically around 5cm) with a single point. This limitation makes it difficult to adjust the edge distance effectively to prevent collisions with concealed skirting boards, irregular skirting boards, and thresholds.

Concealed Skirting / Suspended Furniture

For concealed skirting, infrared sensors may misinterpret recessed skirting board positions as navigable edges. However, if the skirting board height is less than the robot's height, the robot body cannot actually enter the skirting board area, leading to collisions with the wall.



DEEBOT T30

Narrow Skirting / Threshold

Similarly, if surface-mounted skirting boards are too short, traditional infrared edge-following sensors may fail to align with the skirting boards and misidentifies the wall position as a navigable edge.

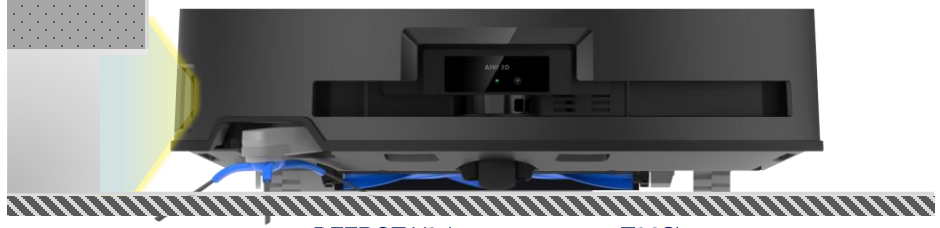
DEEBOT T30

By continuously emitting vertical structural light and forming projections on obstacles to perceive edge shapes, the robot can navigate closely along various skirting boards and suspended furniture smoothly, safely, and without collisions.

With a side view angle of 106° (53.55° upward and 52.45° downward), the robot can detect the outer edge of walls at a height of 0.8 to 9.8 cm while moving along the edge.

Concealed Skirting / Suspended Furniture

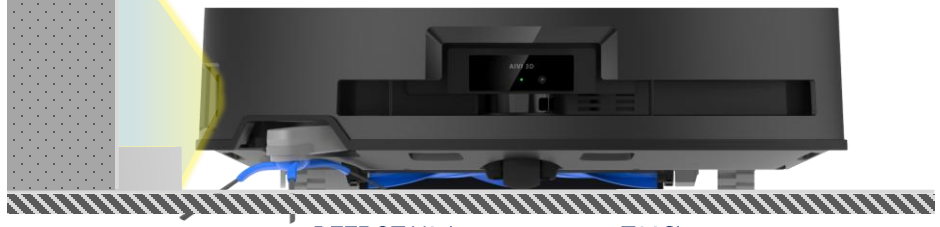
It can recognize the true position of the wall upwards and determine whether the robot body can pass through, thereby intelligently adjusting the edge-following distance.



DEEBOT X8 (same sensor as T80S)

Narrow Skirting / Threshold

It can recognize narrow skirting boards and thresholds downward, allowing for corresponding adjustments in the edge-following distance of the roller.



DEEBOT X8 (same sensor as T80S)

TruEdge 3D Edge Sensor

DEEBOT X8 PRO OMNI / T80S OMNI

DREAME X40 Pro Ultra

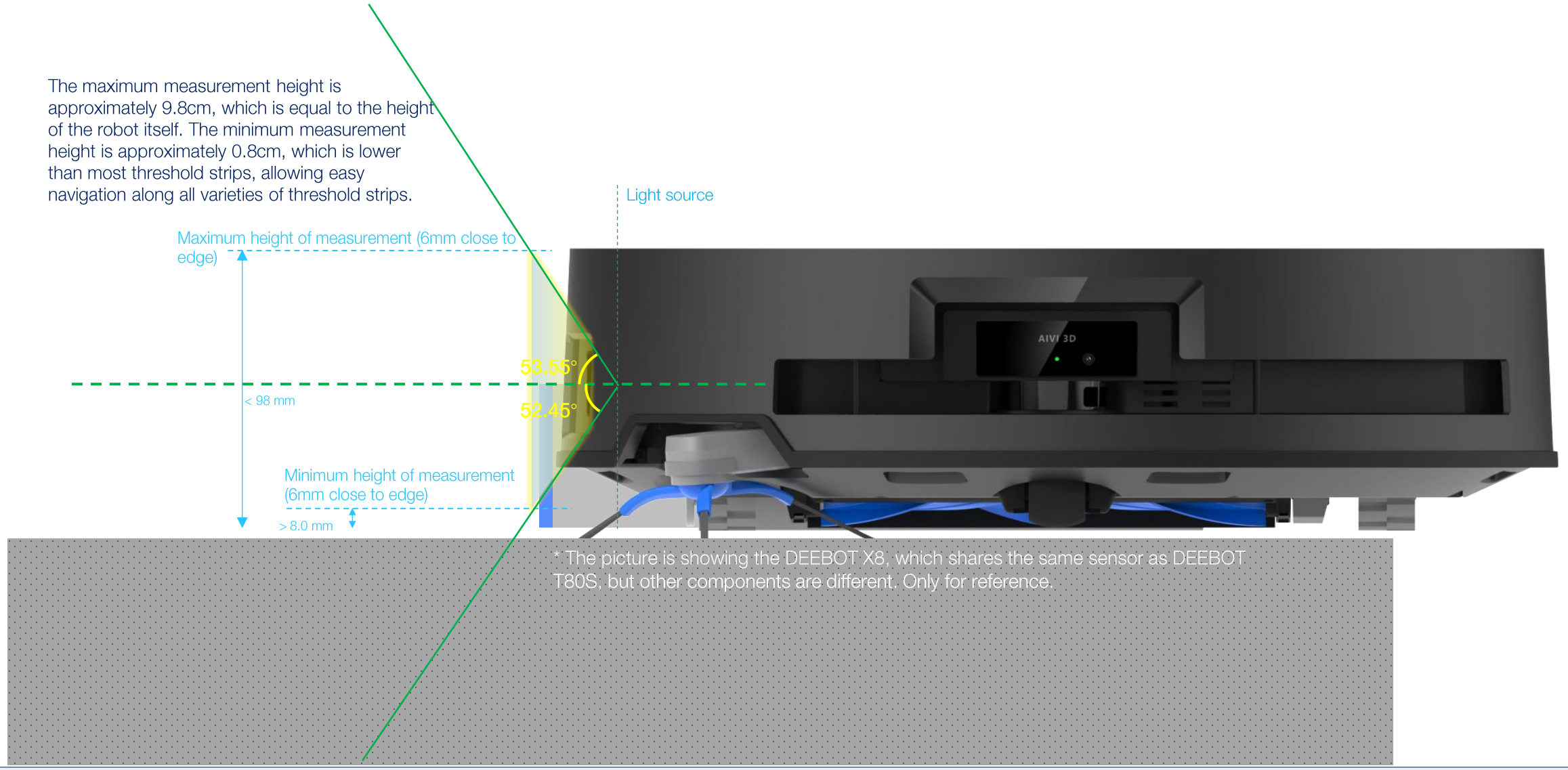
ROBOROCK V20

ROBOROCK S8 MaxV Ultra

Click to play the videos

TruEdge 3D Edge Sensor

The maximum measurement height is approximately 9.8cm, which is equal to the height of the robot itself. The minimum measurement height is approximately 0.8cm, which is lower than most threshold strips, allowing easy navigation along all varieties of threshold strips.

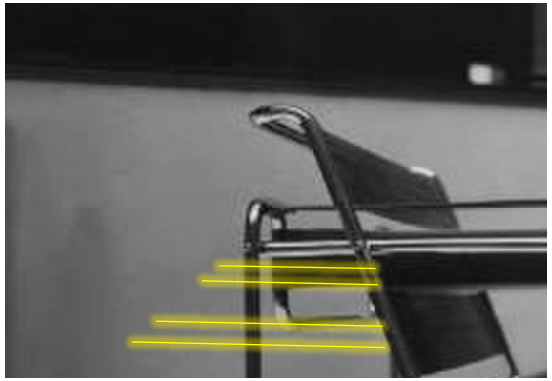


* The picture is showing the DEEBOT X8, which shares the same sensor as DEEBOT T80S, but other components are different. Only for reference.

TruEdge 3D Edge Sensor

DEEBOT T80S Family can stably clean along edges for thresholds taller than 1 cm.

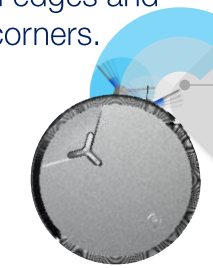
DEEBOT T80S Family can maintain a safe distance while cleaning along edges around suspended furniture.



DEEBOT T80S Family can stably navigate along U-shaped legs and effectively clean the gaps around office chairs.

Automatically Detecting recessed spaces, the robot -
retracts side brush for recessed external corners and
extends side brush for recessed edges and internal corners.

An extended side brush on edges and internal corners can cover more unpassable recessed areas.



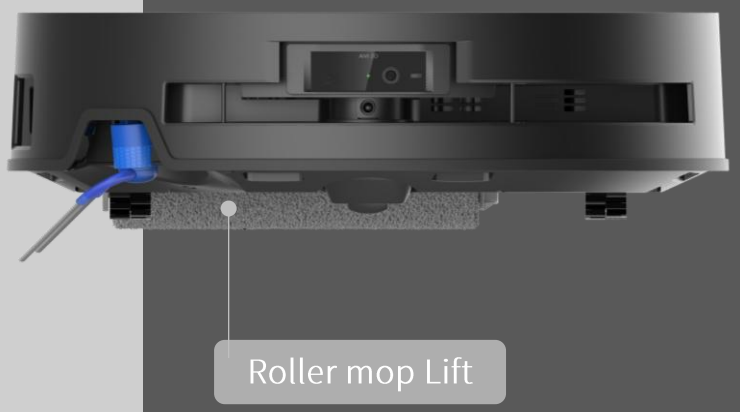
If side brush extended on external corners, some area is missed around the corner, so it should be retracted.

Triple Lift for Brushes and Roller

With intelligent lifting for the side brush, main brush, and roller , the robot seamlessly adapts and thoroughly cleans every surface in your home, from bathroom tiles to hard floors and carpets.

Triple Lift with Precision Dry-Wet Separation - Classic Advantage Scenarios

Encounters carpet



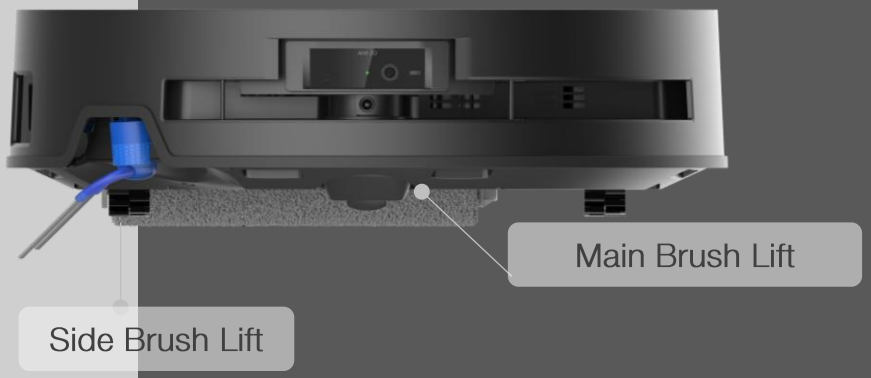
Roller mop Lift

Prevents the damp mop from contacting the carpet, avoiding water damage and maintaining carpet dryness.

The main brush and side brush operate normally for cleaning. In standard mode, the increased suction power can be used for vacuuming.

Triple Lift with Precision Dry-Wet Separation - Classic Advantage Scenarios

Encounters liquid



Side brush and main brush lift

Prevents bristles from contacting liquids to avoid contamination.

The roller mop operates normally and employs different cleaning strategies for various types of liquids:
- For heavily soiled liquids like soy sauce or coffee: The robot first identifies the stain area and performs a grid-pattern cleaning within the area, starting from the edges and then cleaning the entire area in perpendicular directions. Afterward, it returns to the station to wash the mop, revisits the original location to repeat the process once more, and then resumes the initial cleaning task.（OTA）
- For lightly soiled liquids like milk or orange juice: The robot first identifies the stain area and then performs three back-and-forth passes within the area.（OTA）
- For clear water stains: The robot first identifies the stain area and performs a grid-pattern cleaning within the area, starting from the edges and then cleaning the entire area in perpendicular directions. Afterward, it returns to the station to wash the mop, revisits the original location to repeat the process once more, and then resumes the initial cleaning task.

Triple Lift with Precision Dry-Wet Separation - Classic Advantage Scenarios

Encounters large particles

Side Brush Lift

Prevents large particles from being scattered.

The main brush operates normally with increased suction power.

ZeroTangle 3.0 & 24,800Pa Suction Power

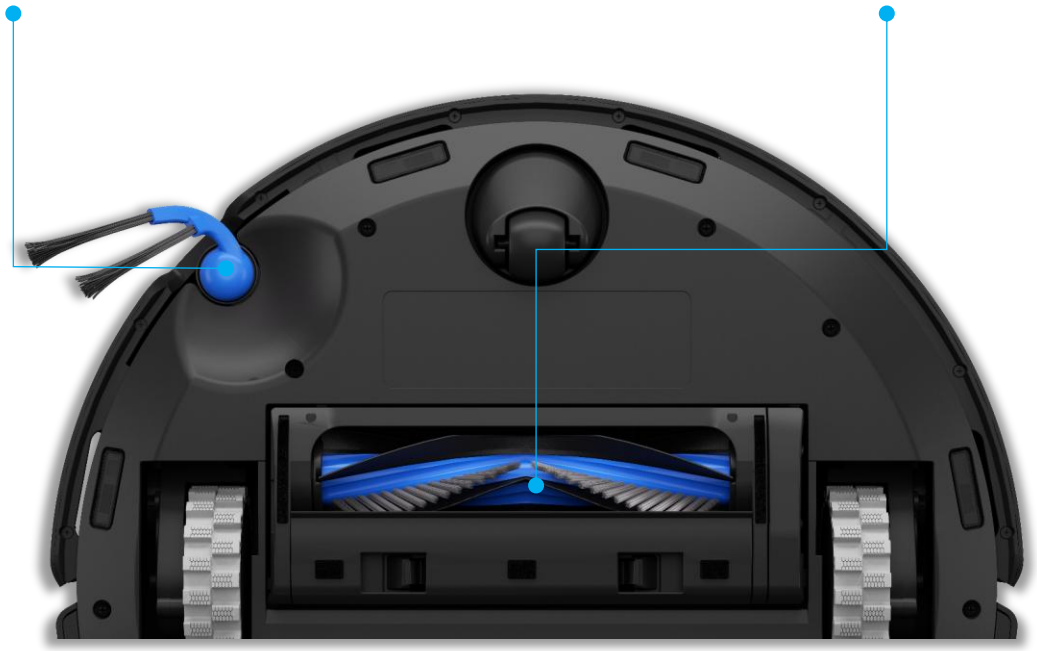
ZeroTangle 3.0 Anti-Tangle Technology

ZeroTangle 3.0

Main brush & side brush with zero tangling, having all hair swept away in a single pass.

ARClean Anti-tangle Side Brush

Cyclone-directed Main Brush



0%
Hair-tangle rate of Side Brush

0%
Hair-tangle rate of Main Brush
(dog hair / 25cm human hair)

100%
Pick-up rate of hair

ZeroTangle 3.0 Anti-Tangle Technology - Comparison With Competitors _ Clean Along Wires

DEEBOT T80S/T50/X8 ZeroTangle 3.0 Main Brush (same as 2.0)

No Entanglement at all
No cutting, no trimmed hair left on the floor
Safe for children and pets

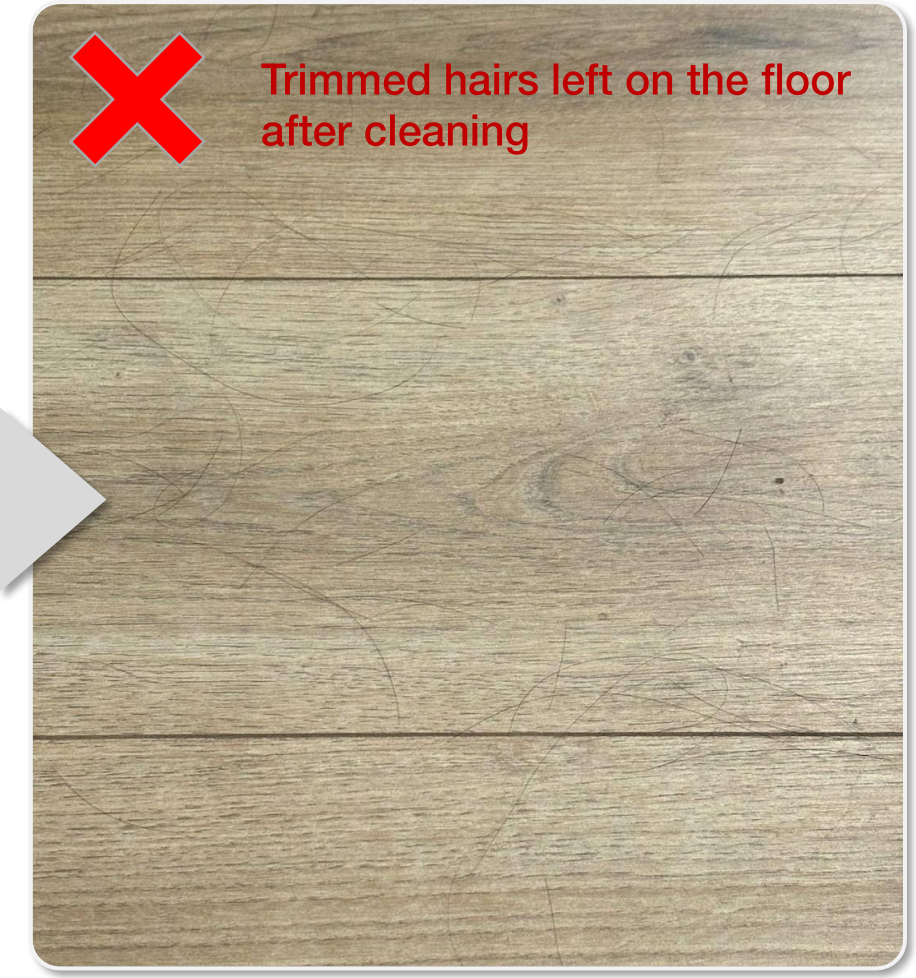
DXXX Hair Cutting Brush

Obvious entanglement, not quite effective
Trimmed hair everywhere on the floor (see next slide)

Click to play the videos

ZeroTangle 3.0 Anti-Tangle Technology - Comparison With Competitors _ Clean Along Wires

DXXX' s Hair Cutting Brush leaves a lot of trimmed hairs on the floor

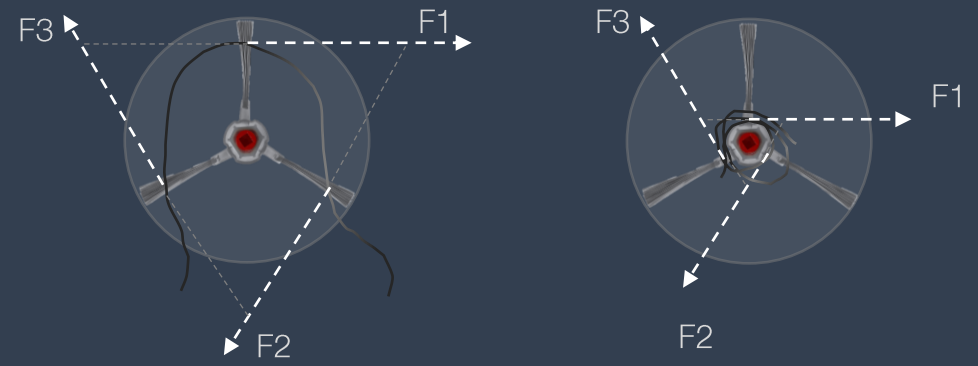


Click to play the videos

Why Would Hair Tangles On Side Brush?

The triangular bristle structure causes hair to inevitably tangle around it.

The three bristles arranged in a triangular pattern cause the direction of pull and centrifugal force to be inconsistent, preventing hair from being flung off. Instead, the hair becomes more tightly tangled with each pass.



Hair becomes tangled around the side brush axle, obstructing its rotation and making maintenance difficult for the user.

Our Solution - ZeroTangle 3.0 Anti-tangle Technology

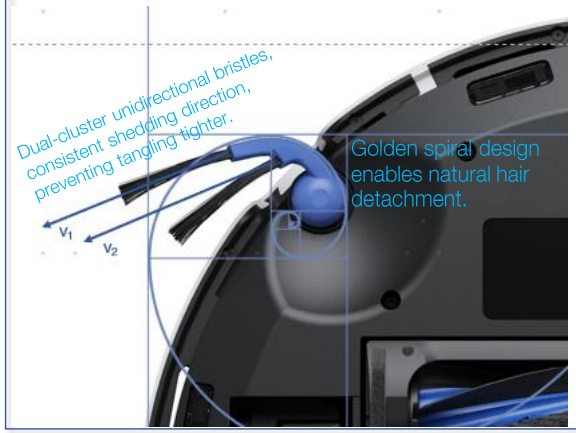
ZeroTangle 3.0

ARClean Anti-tangle Side Brush

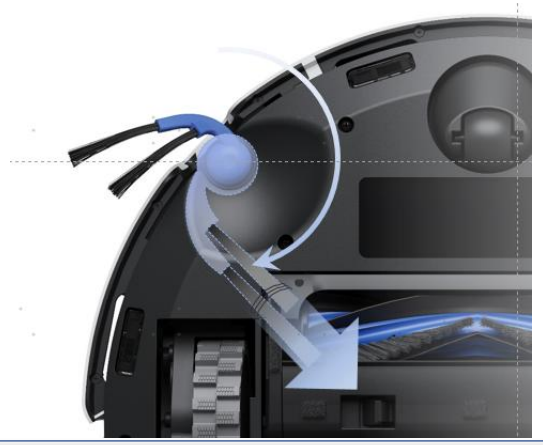
The newly upgraded ARClean Anti-tangle side brush has been transformed from a three-prong single-cluster design to a single-prong dual-cluster configuration with a propeller-style inward-curved bristle design. This upgrade addresses the issues of intersecting centrifugal direction of hair in traditional three-prong side brushes and the misalignment between the hair shedding direction and the brush's motion direction. This structure ensures hair follows a specific trajectory and is easily shed when getting close to the suction inlet, effectively preventing tangling.

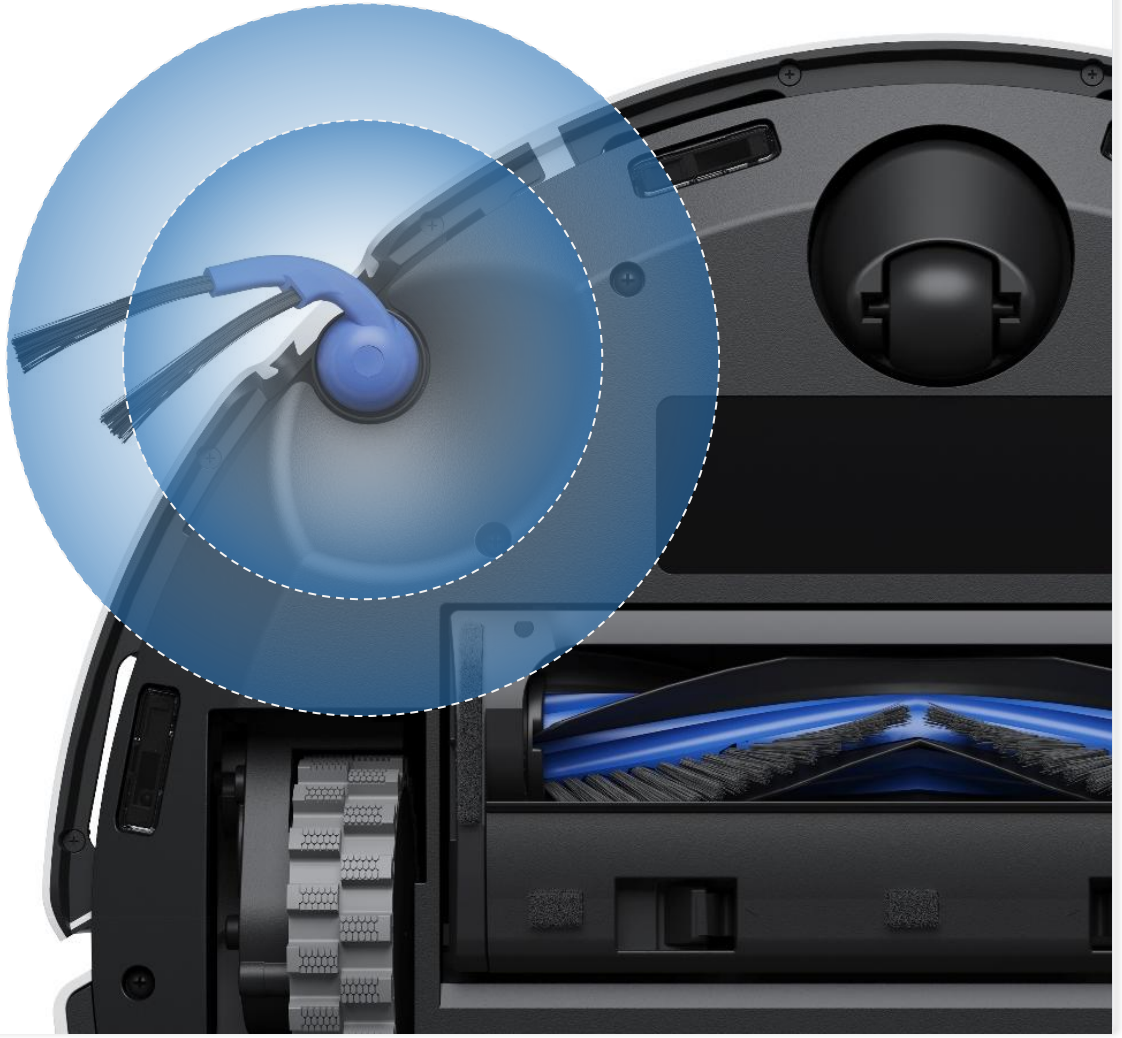
Additionally, the dual-cluster upgrade enhances the cleaning performance of the inner circle of the side brush, maintaining excellent cleaning efficiency while achieving zero tangling.

1. The golden spiral design ensures that the hair shedding direction aligns with the spiral trajectory, loosening with rotation and naturally detaching.



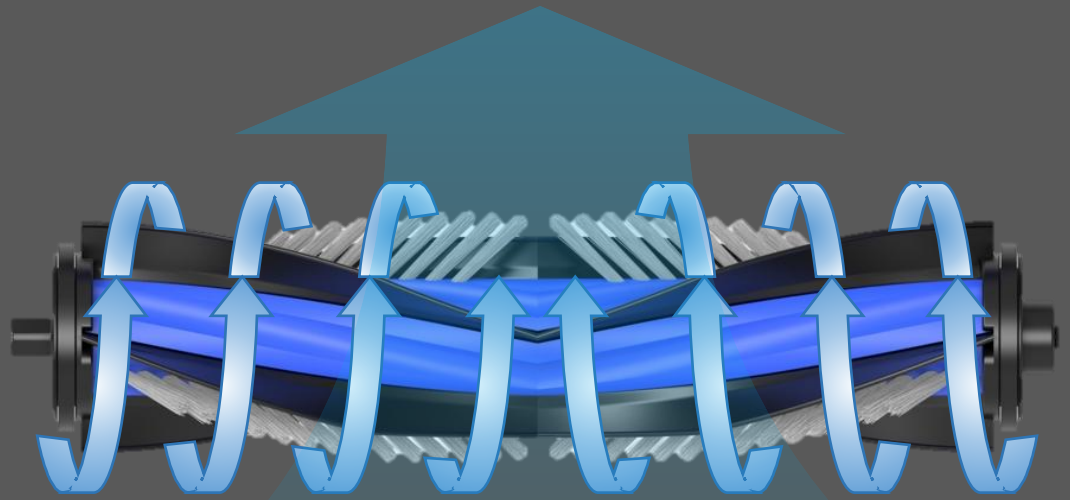
2. Rotates hair toward the suction inlet, where powerful suction removes any remaining strands.



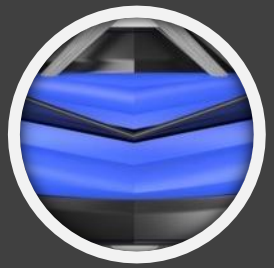


Cyclone-Directed Roller Brush

Effectively prevent tight entanglement and gather the hairs to the center



45° V-Shaped Bristle



18cm V-Shaped Roller Brush

At a 45° angle, hair is less likely to get caught in the bristle gaps, effectively reducing the chance of tight entanglement. The bristles closely align with the rubber strip, which prevents hair from going deep into the gaps and becoming difficult to remove.

Additionally, the optimal angle allows the bristles to work with the V-Shaped rubber strip to create a high-speed cyclone, guiding hair towards the middle where suction is strongest, making it easier to be drawn into the dustbin.

0%

Hair Entanglement Rate

(25cm human hair; Normal dog hair)

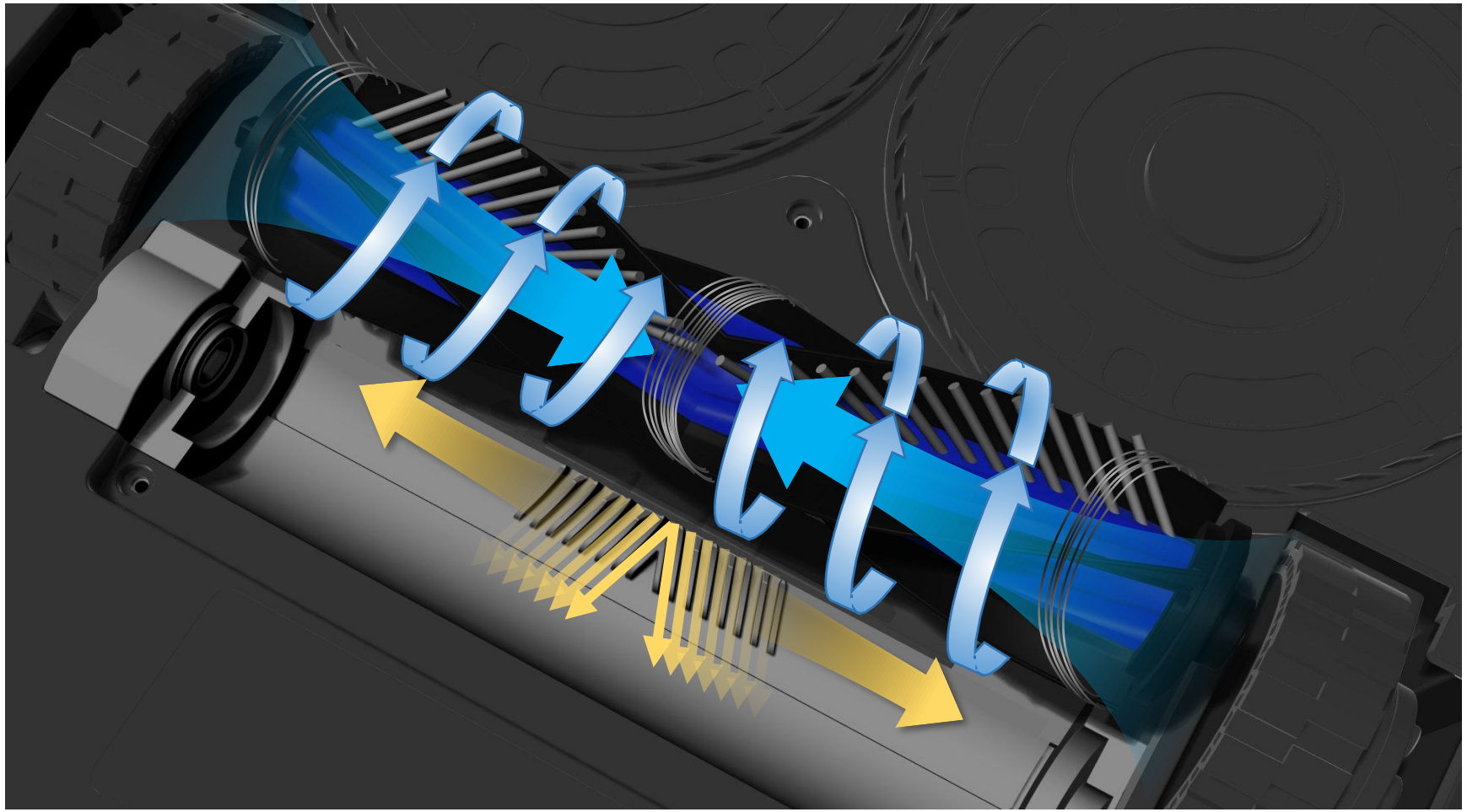
100%

Hair Pick-up Rate

Our Solution - ZeroTangle 3.0 Anti-tangle Technology

V-shaped Comb Teeth

The V-shaped comb teeth and cyclone motion work in opposition to efficiently loosen hair on the brush.



The V-shaped comb teeth structure inside the roller brush aligns with the middle of the roller brush. The hair gathered in the middle will be re-pulled towards both ends of the roller brush along the direction of the comb teeth on each roll. The force pulling the hair apart from the comb teeth counteracts the force of the cyclone gathering the hair, causing the hair to move back and forth frequently as the roller brush rotates.

Combined with a powerful suction of up to 18,000 Pa, this ensures that hair is easily pulled into the dustbin.

The comb teeth structure is also removable for easy rinsing, preventing the accumulation of dirt and debris in the gaps between the comb teeth.

0%

Hair Entanglement (25cm)

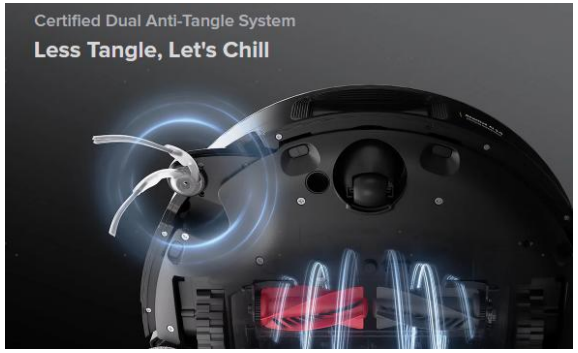
0%

Pet Hair Entanglement

Comparison To Competitor’s Solution

Dreame claims zero hair tangling, but it still uses the traditional three-prong side brush.

Dreame's Zero-Tangle side brush is no different from traditional side brushes. The claim is purely exaggerated—hair cannot loosen with rotation; it only tangles tighter.



Roborock's side brush features a spiral design, but still struggles to shed hair effectively.

Although Roborock’s spiral side brush features a spiral design that aligns with the hair shedding direction, the spacing between the two clusters of bristles is still relatively large. When hair contacts both clusters simultaneously, the shedding direction remains inconsistent, causing the hair to tangle tighter and making it difficult to detach.

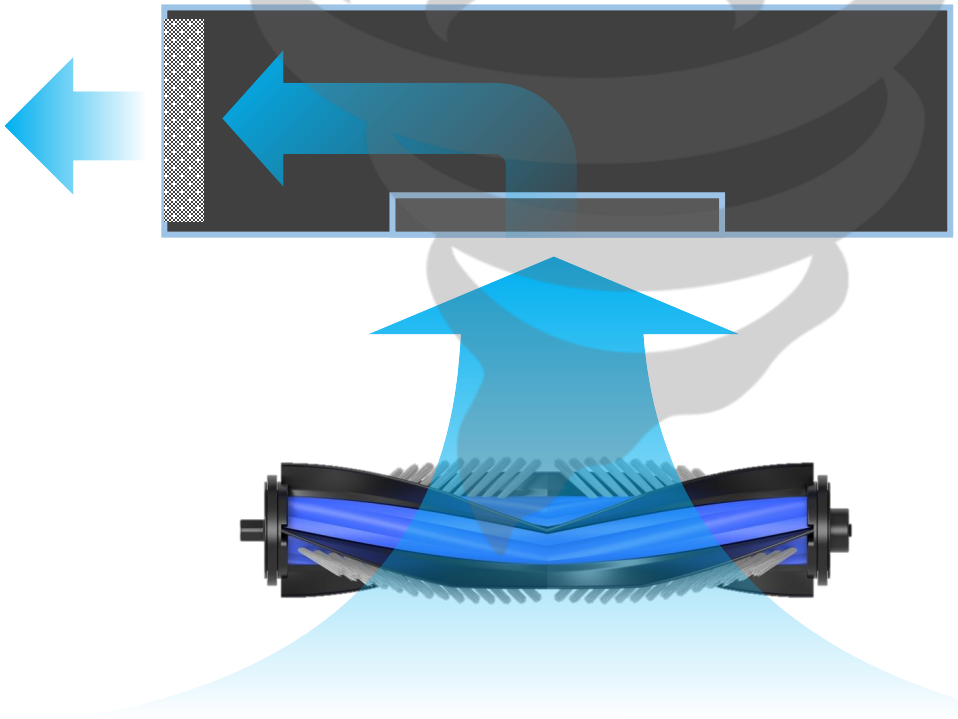
Narwal’s anti-tangle side brush has a clever design, but its complex structure is still flawed in effectiveness.

Narwal's design features two prongs on the side brush: a fixed prong and a movable prong. When passing the suction inlet, the two prongs gather together with the hair shedding direction aligned, resulting in easier removal. When leaving the suction inlet, the fixed bristle start to move first, while the movable bristle continues to follow the suction direction until it reaches its movement limit and then detaches, causing the bristles to separate again.

This complex design is indeed clever and theoretically offers good anti-tangle performance. However, in practical cleaning scenarios, various resistances can limit movement, and repeated pulling might also tighten the hair. Over time, the structure becomes less flexible, and the gaps in the movable bristle can easily pinch hair, making it less practical.

24,800Pa Super Suction Power

A floor washing robot with a maximum vacuum degree exceeding 24,800 Pa, DEEBOT T80S combines a new ultra-high-speed fan with a new Cyclone-Directed Anti-tangle Roller Brush to achieve breakthrough sweeping and suction performance.



Professional Carpet Care - Dealing With Carpets By The Most Professional Strategies And Settings

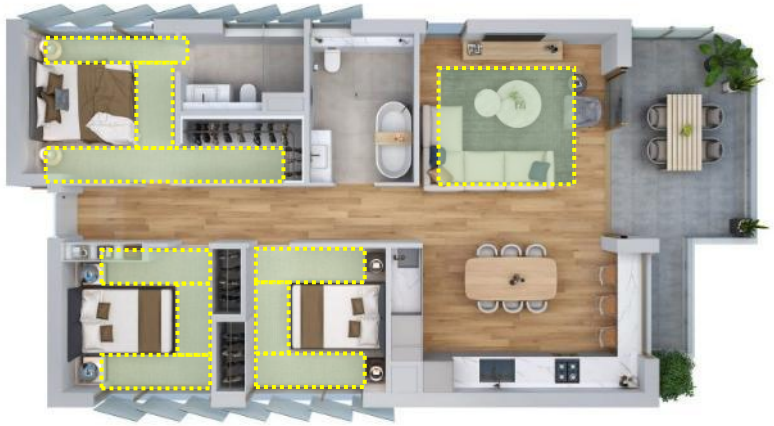
Carpets First

When the "Carpets First" function is enabled, the robot will first clean all carpets set to the "Vacuum Only" strategy before wetting the mop. This ensures that the mop remains dry and uncontaminated while vacuuming on the carpets.

After vacuuming the carpets, the robot returns to the station to empty the dustbin and wash the mop for the first time, and then proceeds to clean the rest of the home as usual.

With the new TruEdge 3D edge detection sensor, the robot can reliably navigate along the edges of carpets, preventing it from accidentally moving onto the carpet and contaminating it while cleaning the surrounding areas. It will then replan the cleaning path for the surrounding area using the most efficient route (for more details on path replanning logic, see: Efficient Cleaning Path – Multi-Level Zoning Path Planning).

Additionally, when the robot encounters a newly added carpet (not previously recognized), or when the "Carpets First" mode is turned off, it will still prioritize cleaning the current carpet.



If cleaning mode set to “Vacuum and Mop” and “Carpets First” is activated

1. Clean Carpets in All Rooms
2. Initially wash and wet the mop
3. Clean Room 1
4. Clean Room 2
5. Clean Room 3
6. …

Carpet Deep Cleaning

When “Carpet Deep Cleaning” is enabled, the robot will clean all carpets twice in a complementary pattern.

Click to play the videos

Professional Carpet Care - Dealing With Carpets By The Most Professional Strategies And Settings

Customized Strategy for Each Carpet

The user may have various types of carpets at home, some with long fibers that are unsuitable for the robot vacuum to pass over and need to be avoided, while others are made of plastic and can be normally vacuumed and mopped.

A single strategy is not suitable for all carpets. Copernicus allows the setting of individual cleaning strategies for each carpet identified to maximize cleaning coverage.

Vacuum Only

Lift the mop and boost suction on this carpet, suitable for medium to short-fiber carpets.

No Entry

Completely avoid this carpet, suitable for extra-long fiber carpets.

Pass Through Only

Lift the mop and stop vacuuming on carpet, suitable for water-absorbent foam mats.

As On Floor

Use the same cleaning mode as on the floor, allowing both vacuuming and mopping, suitable for plastic mats.

Smart Detection & Manual Addition

Normally the robot can automatically detect and remember various types of carpets and mark them on the map, whatever the shape of the carpet is (even if it has an irregular shape). The robot is able to individually clean each carpet based on the shape.

It is also possible to add carpets manually on ECOVACS HOME app. Round and rectangular carpets is available to add manually.

AIVI 3D 3.0 Omni-Approach Technology

Why We Innovated the AIVI 3D 3.0 Omni-Approach Technology ?

1

Similar Products Generally Have Missed Spots in Side and Corner

>5cm Blind Spots

Therefore, mopping coverage has always been one of the unmet needs in the industry.

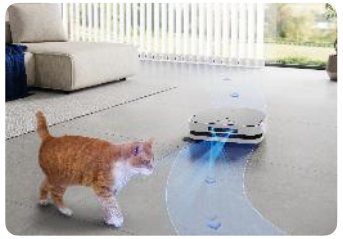
2

Conventional Obstacle Avoidance Technologies

Structural Light Obstacle Avoidance

AI Camera Obstacle Avoidance

RGBD Integrated Obstacle Avoidance



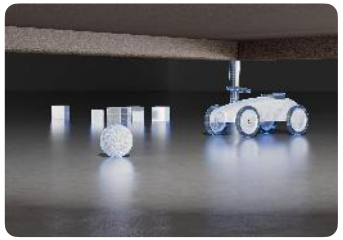
3

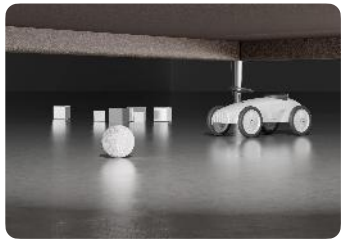
Top Three Bottlenecks of Conventional Obstacle Avoidance Technology

Limited Identification Quantities

Unable to Capture the Contour

Unable to Monitor Seamlessly





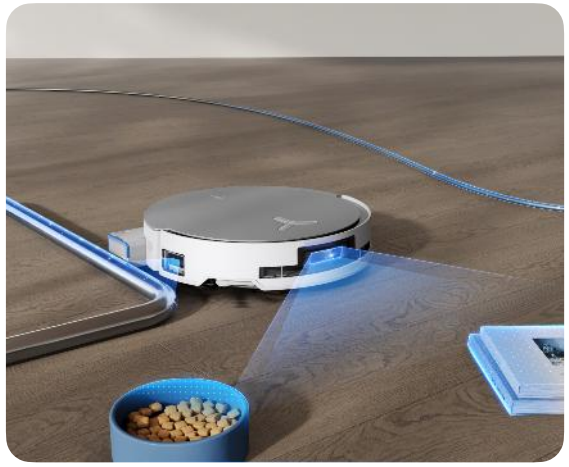
ECOVACS Has Been Investing the Patented AIVI Technology for Many Years

Evolving from Identifying Human and Objects to Avoid Obstacles to OMNI-Approach Technology

2018 DEEBOT 960

2021 DEEBOT X1 OMNI

2023 DEEBOT X2



2025 DEEBOT X8/T50/T50MAX/T80S

Continuous Innovation of Smart Sensor
Industry's First Embedded LiDAR Module Continues to Reduce the Height

dToF LiDAR

Semi-Solid-State LiDAR

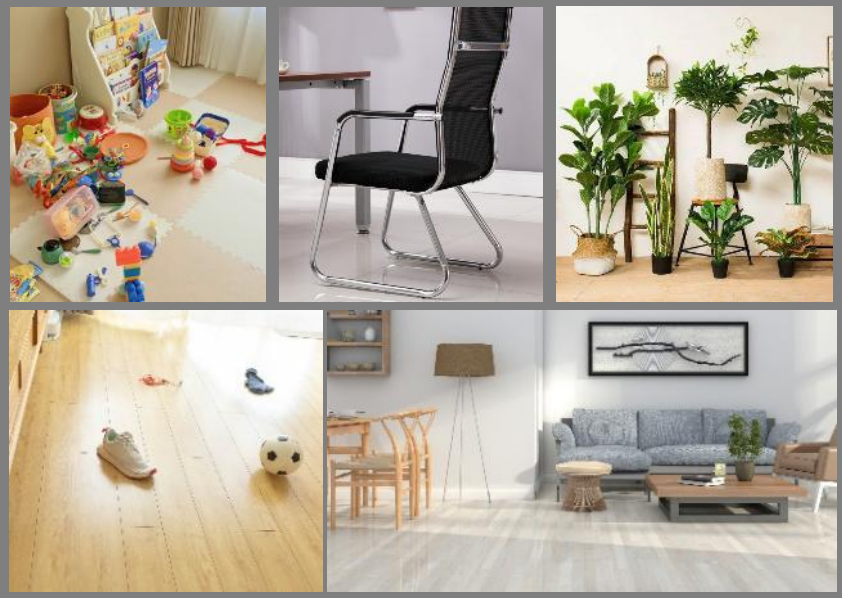
Embedded LiDAR Module

TruEdge 3D Edge Sensor

Discover Obstacles → Capture Contour → Clean along the Obstacles

Traditional AI obstacle avoidance depends on pre-trained recognition but struggles with unknown objects.

The industry is locked in a race to increase recognizable objects—70, 100, 120 types—but this barely scratches the surface compared to the countless objects in the world.



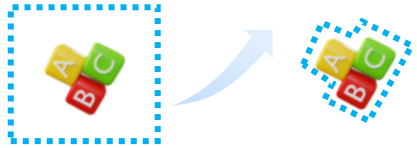
To tackle limited obstacle recognition, boundary detection, and edge-cleaning challenges, ECOVACS introduced the Vision-Language Model (VLM).

VLM allows robots to directly identify obstacles from images, capture their contours, and use these contours for precise edge-following. By combining visual and structured light systems, it ensures close contour tracking, eliminating the need for traditional "avoidance" and achieving maximum cleaning coverage and obstacle avoidance success.

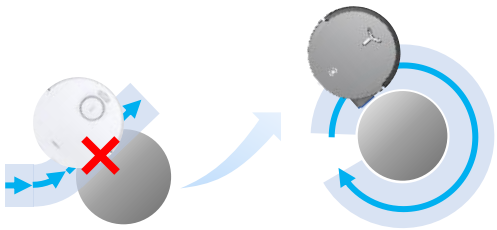
1. Unlimited Detection

100+ ∞

2. Boundary Determination

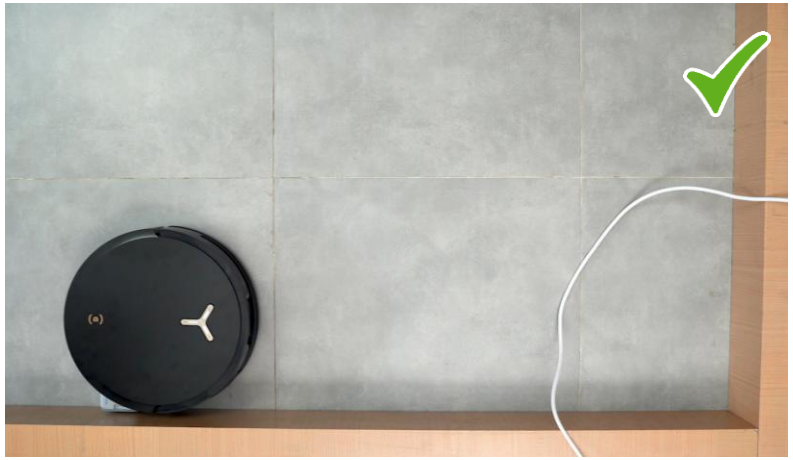


3. Edge Monitoring

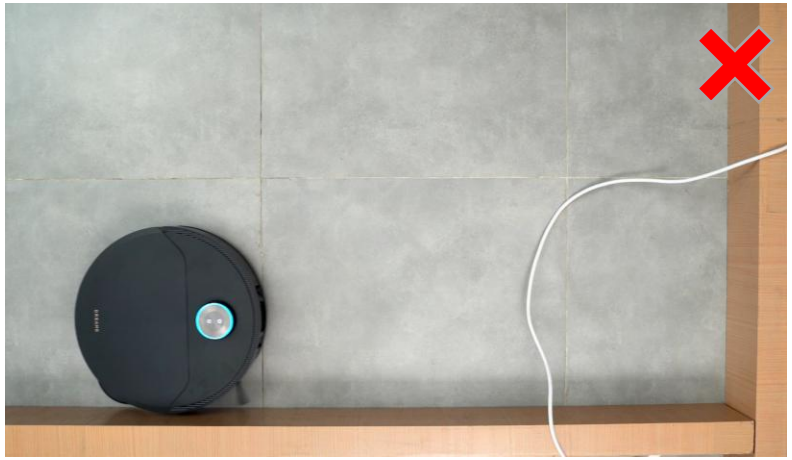


TruEdge 3D Edge Sensor

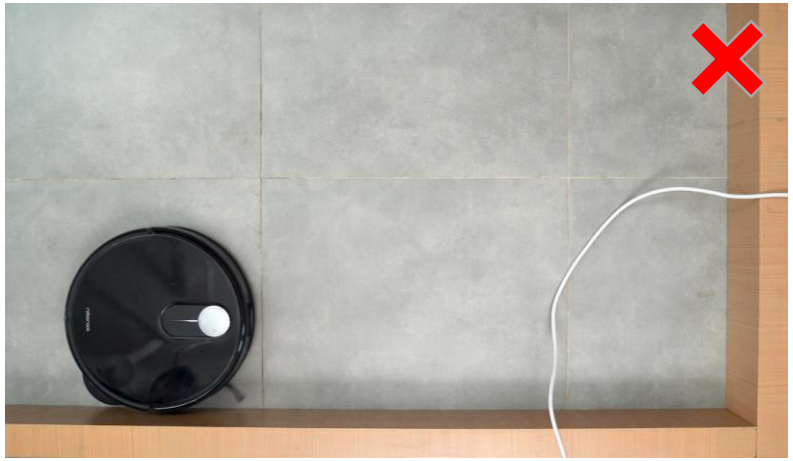
DEEBOT X8 PRO OMNI (same as T80S)



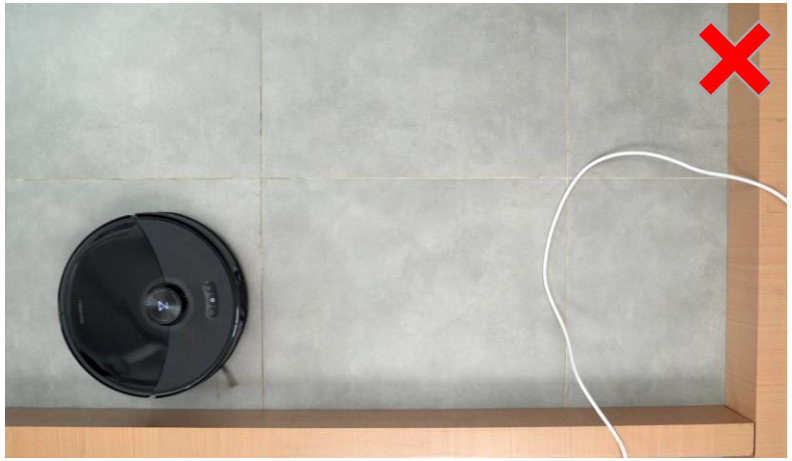
DREAME X40 Pro Ultra



ROBOROCK V20



ROBOROCK S8 MaxV Ultra



Click to play the videos

10-in-1 Upgraded OMNI Station

OMNI Even More
Further Upgraded OMNI Station For Better Liberating Your Hands

1. Temperature controlled mop washing → Temperature-Controlled Mop Washing 2.0
2. Hot Air Drying → 63°C Rolling Drying
3. Hot Water Soak Washing NEW
4. Dirtiness Detection
5. 150-day maintenance free

50cm: Normal height of an office chair

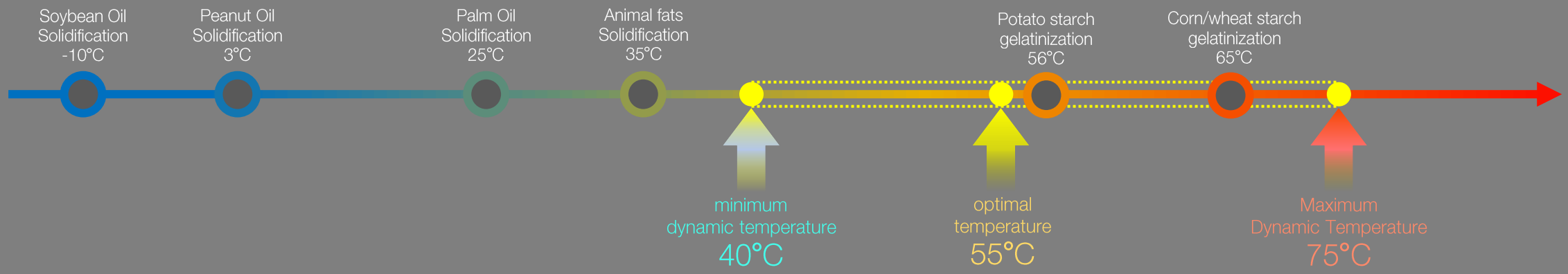
6. Station Self-Cleaning
7. Auto-Empty
8. Auto Cleaning Solution Dispensing (Automatic Refill & Drain Model Only)
9. Auto Small-Tank Refill
10. Auto Dirty-Water Collection

Temperature-controlled Hot Water Mop Washing 2.0

Adjust The Mop Washing Temperature And Rounds Automatically According To The Room Type And Dirtiness Level

Solidification temperature of oils
At this temperature range or lower, the fat will solidify and adhere to the mop, making it more difficult to remove.

Starch gelatinization temperature
Within this temperature range or higher, starch will undergo gelatinization reaction, turning into a semi-solid state adhering to the mop, making it more difficult to remove.



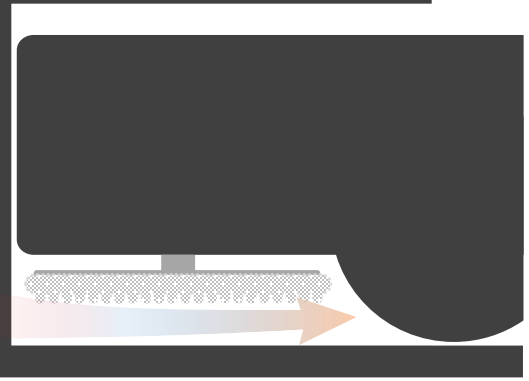
Room type	Smart rewash not enabled / Mop is considered clean		Mop is considered dirty (by station dirtiness detection or AI stain detection)		
	Wash rounds	Wash temperature	Wash rounds	Wash temperature	
Living spaces Bedroom, Living room, Study, Corridor, …	1	40°C	2	1st round: 40°C 2nd round: 55°C	Most rooms are usually lightly dirty, using a minimum temperature of 40°C that can effectively dissolve grease, ensuring cleaning effects while saving energy and reducing mop wear as much as possible.
Dinning spaces Dining room, kitchen, children's room, uncategorized rooms	2	1st round: 55°C 2nd round: 55°C	2	1st round: 55°C 2nd round: 55°C	Kitchens, restaurants, and children's rooms are prone to starch and oil stains at the same time. Therefore, using the optimal temperature of 55°C ensures that starch does not undergo gelatinization while achieving higher temperature to enhance the washing power as much as possible.
Toilet Toilet	2	1st round: 75°C 2nd round: 75°C	2	1st round: 75°C 2nd round: 75°C	The sanitary environment of the bathroom is the most demanding, so after cleaning the bathroom, the highest hot water washing temperature of 75°C is used to maximize the mop washing effects.

63°C Hot Air Rolling Drying, Really Dry and Odorless

63°C Hot Air + Rolling Drying Ensures 360° Efficient Mop Drying, Effectively Odor-resistant.

Hot air drying – previous generation

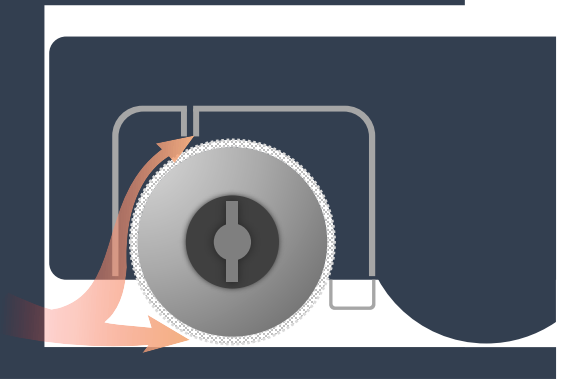
- Does not rotate during drying, resulting in uneven drying.
- Mop is thick and heavy, still wet after 2 hours of drying.
- During mop tray drying, the mop is suspended, causing the warm air to travel through and cool quickly, leading to inefficient drying.



DEEBOT T80S Hot Air Rolling Drying

- Rolling during drying, more even and thorough drying.
- Thorough drying in 2 hours, with low moisture and no odor.

The 63°C hot air is concentrated on one side of the roller, blowing directly at close range, resulting in a higher temperature for the mop.



NEW

Hot Water Soak Washing

Thanks to the floating tank design, hot water can temporarily gather in the tank during mop cleaning. As the roller mop rotates, the mop cloth remain soaked in the hot water, which helps dissolve and lift away stubborn dirt for a deeper clean. Once cleaning is complete, the floating tank rises and dirty water is drained away—preventing residue buildup.

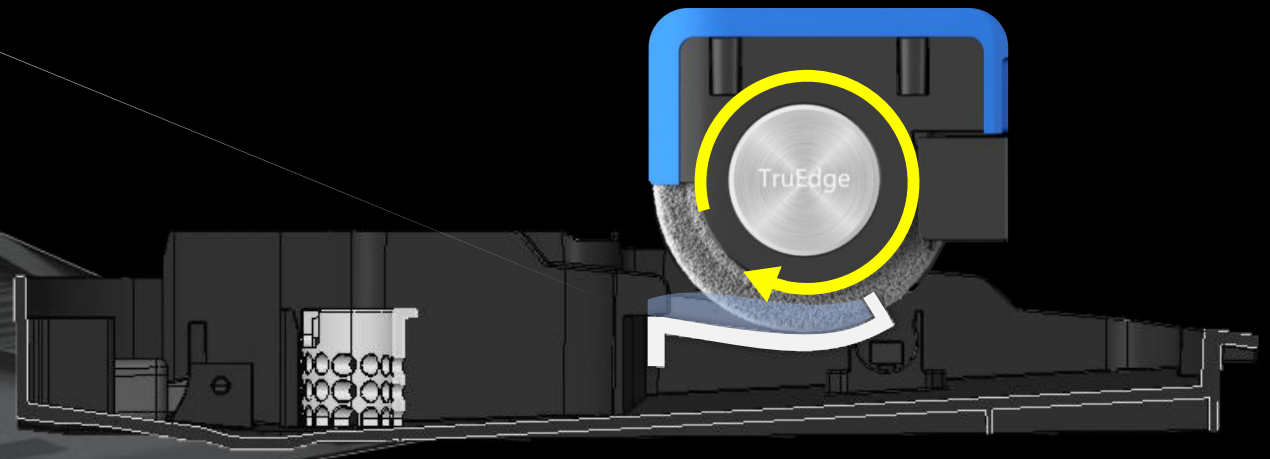
If the voltage in your region is 110V or lower, the temperature may be lower than expected under certain conditions. Please refer to the final testing report for maximum temperature.

Temperature Control Supported

NEW

Hot Water Soak Washing

Thanks to the floating tank design, hot water can temporarily gather in the tank during mop cleaning. As the roller mop rotates, the mop cloth remain soaked in the hot water, which helps dissolve and lift away stubborn dirt for a deeper clean. Once cleaning is complete, the floating tank rises and dirty water is drained away—preventing residue buildup.

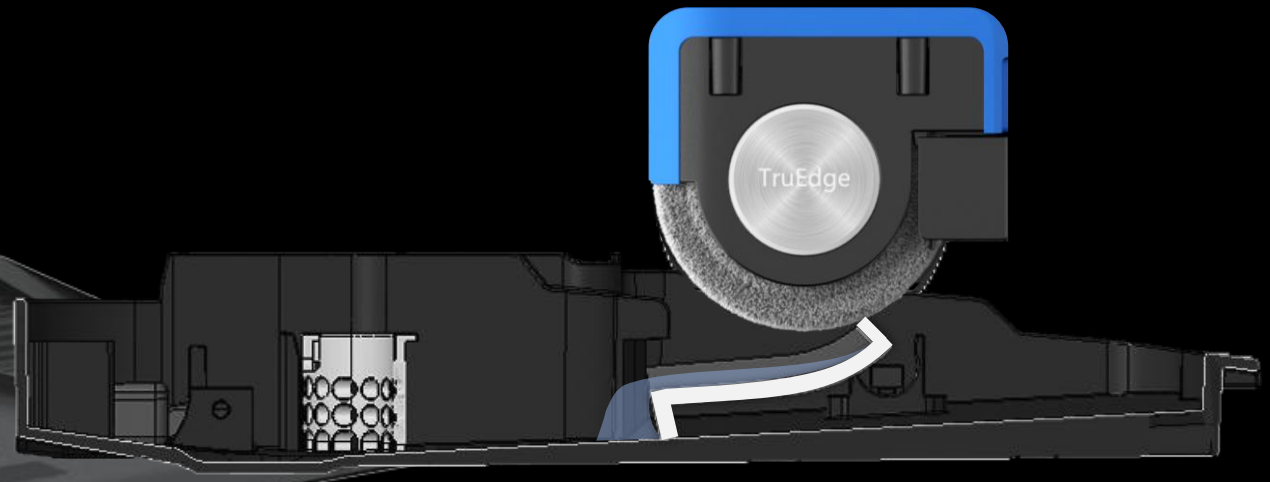


1. The roller descends, immersing the mop cloth in water, then spins at high speed to perform thorough cleaning.

NEW

Hot Water Soak Washing

Thanks to the floating tank design, 75 °C hot active water temporarily gathers in the tank during mop cleaning. As the roller mop rotates, the mop cloth remain immersed in the hot water, helping dissolve and lift away stubborn dirt for a deeper clean. Once cleaning is complete, the floating tank rises and dirty water is drained in one direction—preventing residue buildup.

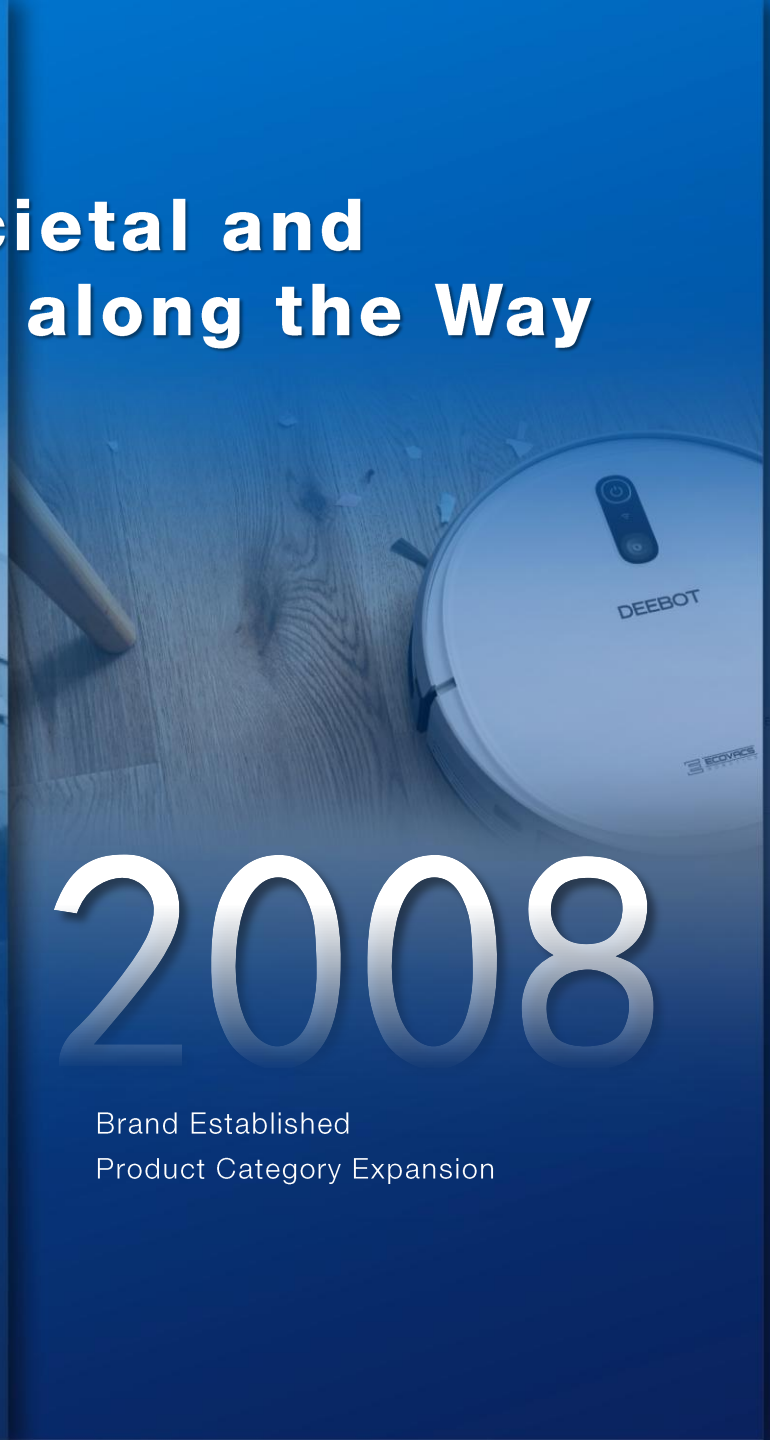


1. The roller descends, immersing the mop cloth in water, then spins at high speed to perform thorough cleaning.

2. After cleaning, the roller lifts and dirty water is drained away.

Content

Founded in 1998
We Resonate with Societal and Industry Development along the Way



1998

Company Founded
OEM/ODM Manufacturing Oriented

2008

Brand Established
Product Category Expansion

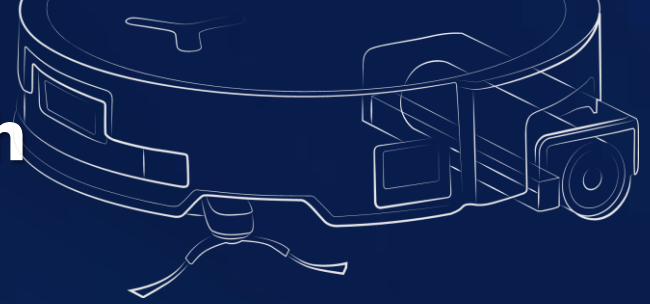
2018 ~

Business Globalization
Brand & Product Upgrade

ECOVACS - Comprehensive Robotics Portfolio
From DEEBOT to Emerging Categories
From Home to Commercial Service

ECOVACS, Created For Ease

Continuous Globalization since 2012 With Right Mix of Product and Partners



NO.1

Sales in the RVC Market
For 10 Consecutive Years

CN

NO.1

IND FR GLOBAL EC

VN AU

~170

Country/Regions Coverage

24 Mio

ECOVACS Home APP Users

Partnership with the Most Wide and Top List Retailers

Our Sustainable Strategic Choice and Resilience in Change Make Us

CHINA'S LARGEST

FLOOR CLEANING COMPANY

Revenue

> 2.3 Billion USD

Workforce

~ 10,000 People

Driving Network of Companies in Value Chain

~ 800 Companies

Data Source: 2024 ECOVACS Group Financial Report

DEEBOT

Our RVC Brand with Largest Accumulative Global Shipments

Market Share in CN

NO.1

Sensor and AI Dev.

NO.1

YIKO Voice Assistant

600 Mio Times

WINBOT

Category Creator since 2012
No.1 Brand Worldwide

Sales Increase Dramatically
in EMEA Markets

2024

+196%

2023

Recommended
By Impactful Influencers and Users Globally

GOAT

Robotic Technology Fully Applied
Exceptional Performance in Europe Market since Debut

2024

+289%

2023

NO.3

In 1200-1600€
Price Range

2024
Amazon
Germany
by Sales
Quantity

BEST SELLER

Our Recognitions and Awards

ECOVACS has repeatedly won internationally renowned design awards such as the Red Dot and the iF Design Award.

2024-2025 Global Smart Home Brands Top 10

IDG Global Top Brands "Home Cleaning Product Innovation Gold Award "

DEEBOT X9 PRO OMNI
THE BEST OVERALL
Winner

DEEBOT X9 PRO OMNI
MEDIA CONNECT

DEEBOT X9 PRO OMNI
NETZWELT

DEEBOT X9 PRO OMNI
IMTEST

DEEBOT X9 PRO OMNI
Media Technik Zuhause

DEEBOT T80 OMNI
NETZWELT

DEEBOT mini
NETZWELT

DEEBOT mini
MEDIA CONNECT

We Consistently Uphold Our Brand Mission

Robotics for All

Tools

Housekeeper

Companion

“

仰望星空　脚踏实地　内外兼修　与时俱进

Aim skyward with vision, plant feet firmly in reality
Excel through inner discipline and outward impact
Keep pace with the times

”

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Thanks!

Our Mission: Robotics for All