

LEGEE-D8



ECO Compactor™

- **No Dust Collecting Base Needed**
ECO Compactor™ 5X Compression Rate Trash Bin
- **No Tangled Hair on the Brushroll**
Tangless™ Suction Gets the Hair Before the Brushroll
- **No Halfway Returning Mop-Wash Required**
HSSPL™ Reciprocate Mopping Leaves No Trace Behind



Easy Link & Creative Voice

Link in Ease, Respond to Your Command with Creative Voice

Follow the simple steps to link LEGEE to your phone, within a few taps on the App or some simple voice commands via Siri, ok Google and Yandex, LEGEE is all on your disposal and can speak in your Creative Voice.

- **Hotspot Connection¹** - Smooth App Control Without Wi-Fi
- **2.4/5GHz Wi-Fi** - Stable and Strong Dual Band Connectivity
- **Multi-Storey Wi-Fi²** - Store and Switch Wi-Fi Automatically
- **Voice Control** - Hands-Free Cleaning for Your Family
- **Creative Voice** - Make Your Unique LEGEE Voice
- **Quick Login** - Login with your Facebook, Apple or Google and WeChat



1. Homes with no Wi-Fi routers can link to LEGEE directly through Hotspot without the need of a second mobile phone to share the Internet.
2. When there are multiple Wi-Fi routers at home, LEGEE can automatically store 3 SSID accounts with passwords and switch between in accordance to the signal strengths.

LEGEE SLAM Navigation

Knows Every Inch of Your Home

LEGEE (abbr. of Lidar, Encoder, Gyro, E-compass, and Position Estimation) is an unique navigation system that integrates 5 different technologies to plan the best cleaning route. In addition, with the FDS (Fixed Distance Sensors) array to detect small obstacles ahead or along walls, and two pairs of cliff sensors at the front and back to prevent falling, LEGEE can cruise around the house elegantly and precisely.

A white robotic vacuum cleaner is shown on a light-colored wooden floor. A semi-transparent blue map overlay is projected onto the floor, showing the robot's current position and its planned cleaning path. The robot is emitting several sensor beams: a wide, circular blue beam from its top (LiDAR) and several narrow, triangular blue beams from its front (Fixed Distance Sensors Array). A small white bowl of brown kibble is positioned in the path of the robot, directly in front of the FDS beams. In the background, a potted plant sits on the floor. The overall scene illustrates the robot's navigation capabilities in a home environment.

LiDAR
3000 time/sec. Detection

Fix-Distance Sensors Array
Dodge the Small Objects

Cliff Sensor
Avoid Fall from the Stairs

Talent Clean™

The HOBOT team adopts big data research to tune different cleaning parameters into 7+1 distinctive Talent Clean modes. You can get the floor cleaned easily with the mode according to your needs!

8 Cleaning Mode



Standard Mode

Simply the Best.

Can't decide which mode to use? You don't have to. Use this one.

Eco Mode

Go Green!

Suction power to the fullest. Big or small, suck it all away.

Tangless Mode

The Hair Remover.

Effectively removes hair without getting tangled.

Dry Sweep Mode

Stay Dry and Clean.

Hardwood floors? Not a single water drop, then.

Customized

You Are the Boss.

Try with different combinations and create a clean that is unique to you.

Power Suction Mode

Nothing Escapes.

Suction power to the fullest. Big or small, suck it all away.

Deep Cleaning Mode

Enjoy a Premium Clean.

Take the time and give your floor and carpets a comprehensive clean.

Stain Mode

Our Stain Removal Hack.

Even old stains can't stick around for too long.

Intelligent Space



Prioritized Room-specific Talent Clean

Choose between 8 cleaning modes for each area to cope with different cleaning needs.

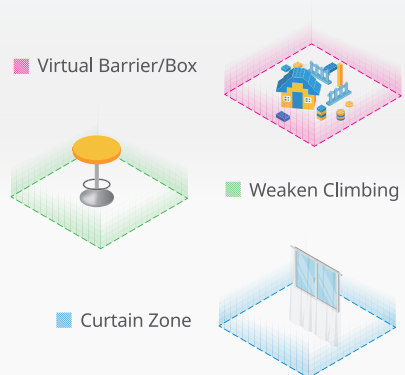
5 Map Memory & Full Map Positioning

LEGEE is able to know its location by matching the surroundings with the existing map.



Virtual Barrier & Virtual Box Curtain Zone/Weaken Climbing

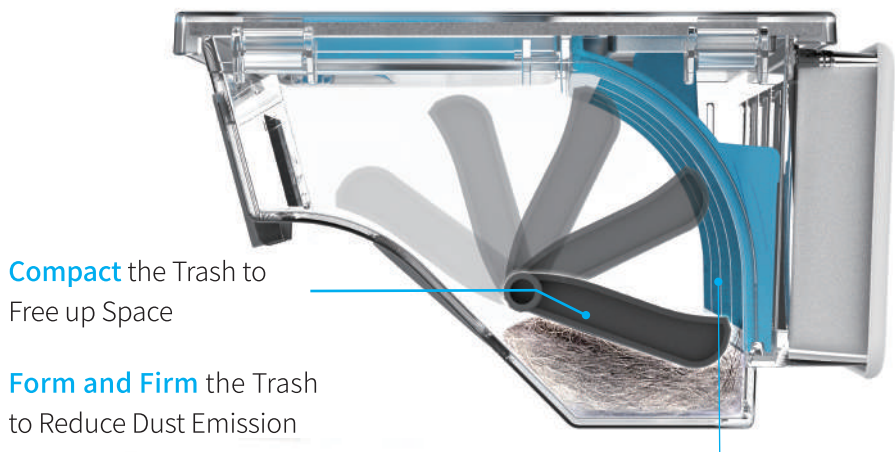
- Virtual Barrier/Box: Keep LEGEE away from the delicate items.
- Weaken Climbing: LEGEE won't attempt to cross the obstacles when cleaning.
- Curtain Zone: LEGEE won't miss out any corner under curtains, skirt sofas, or bed skirts.



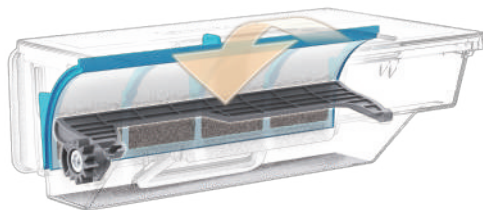
5X ECO Compactor™

Space Saver, Low Dust Emission and Self-Cleaning Filter

ECO Compactor™ is just like a mini trash truck, which automatically minimizes the trash occupancy to conserve up to 5 times³ of capacity with the built-in compactor so you don't need to empty the trash as often nor relying on an emptying dock and trash bags to store the trash.

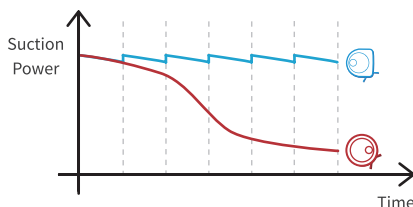


Scrape Clean the Filter, Keep Up the Suction



Don't Sacrifice the Space

According to HOBOT team's research, over 83% of the vacuum robot owners does not like further cluttering up the house. Unlike the bulky empty base which is hard to hide, LEGEE-D8 is the best way out for conserving the space.



3. Experiments by the HOBOT team: at least five times more dust bin space can be freed up after the hair and lint are compressed.

Tangless™ Suction

5000Pa

Tangless Hair Suction

4X

AI Smart Spray

7mm

Auto-Lifting Mop

800g

Mopping Force

4cm

Side Brush

**Deep Cleaning
Brushroll**

**1300 times/min &
8mm Stroke**

High-Speed Reciprocate
Mopping



VACUUM



SWEEP



SPRAY

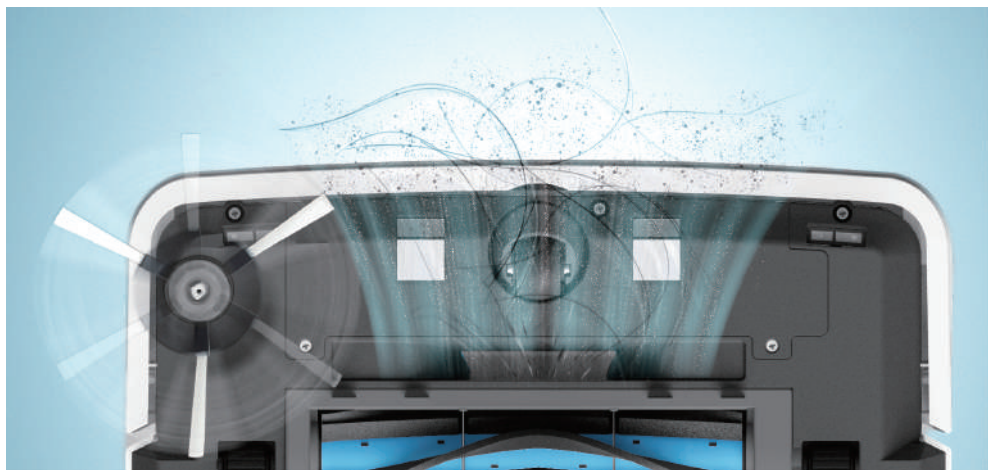


MOP

5000Pa Tangless™ Suction

Powerful Suction to Pick up the Hair Ahead of Brushroll

The hydromechanics engineers from HOBOT team discovered that the electrostatic forces is the cause of the hair tangling regardless the material of the brushrolls; the patented Tangless™ Suction is therefore designed to pick-up 82% of hair and lint ahead of time with the enhanced wind shear speed before the brushroll touches the hair, cleverly avoid it from getting tangled.



Auto-Recognition Mopping

LEGEE distinguishes the flooring material by the resistance differences and switches cleaning modes in real-time, making the cleaning easy for multi-type flooring.



HSSPL™ Reciprocate Mopping

Removes the Dirt from the Floor and Retains on the Cleaning Cloth

By imitating the human hand gesture to mop⁴ in reciprocating moves, LEGEE can capture the stain gradually and thoroughly, the dirt is then absorbed and retained on the mop – not leaving residue nor having to interrupt the task to frequently wash the cleaning cloth.

High Speed

Reciprocate Mopping
1300times/min.

Stroke

Wide Breadth
8mm

Pressure

Mopping Force
800g

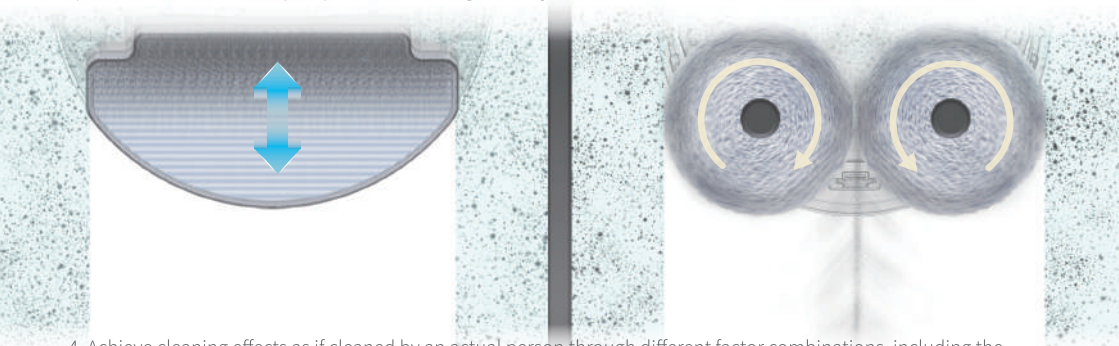
Lifting

Auto-Lift Mop
7mm



Flat-Panel Mop with Reciprocating Move for Thorough Capture

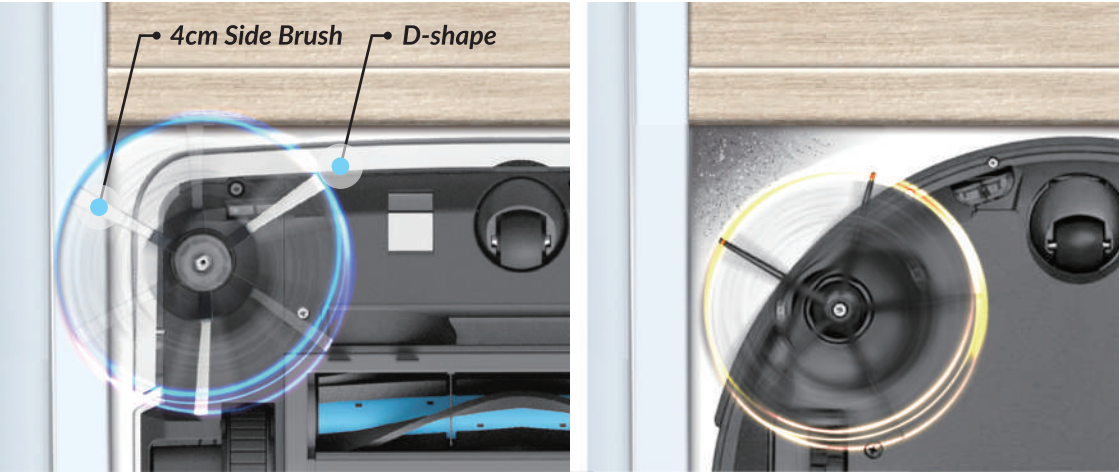
The reciprocating mops can remove and retain the dirt gradually on its front edge, the floor is spotless after cleaning. On this other hand, the dirt on the dual-spinning disk mops is loosely carried and got spined-off easily, the disk mops require frequent wash to keep-up its cleaning ability.



4. Achieve cleaning effects as if cleaned by an actual person through different factor combinations, including the amount of water sprayed, moving speed and wiping frequency.

D-Shape Design to Fit into the Corners

The HOBOT team successfully broke through the limitations of algorithms and not only made the D-shaped LEGEE to move as flexible as the round robots but also took a step further to allow it to clean closely against the edge of the floor and reach deep into the corners and under the cabinets with its 4cm long side brush.



7mm Auto-Lift Mop Conquers All Terrain



20mm obstacle climbing | Keep your carpets dry | Help ventilation when returning and charging

Micro-Fiber Cleaning Cloth with Ag⁺ ion Bacterial and Odor Resistant

Reciprocating Flat-Panel Mop, Cleans Thoroughly All-the-way⁵

The reciprocating mops can remove the dirt in high-speed and gradually retain the absorbed dirt at the front edge of the mop to keep the floor is spotless.

Coarse/Soft Alternating Waving

Durable Three-layer suture

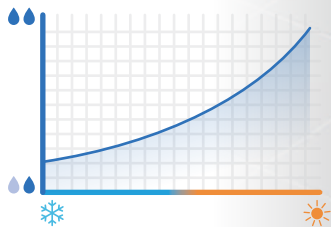
Easy to Wash and Dry

Ag + Silver-ion



AI Smart Spray – Dissolve then Mop

Just like how stains can be easily removed using a wrung rag, wiping with a rag that is too wet will leave traces of dirty water. The HOBOT team experimented many times to calculate and control the right amount of water to dissolve the stains, so that the floor will be clean without water marks after mopping.⁶



5. The dirt load condition of the mop varies according to different environmental factors.

6. Disc-type mops contains high water contents due to repeated backwash. Therefore, it leaves water traces all over mopped floors and can easily cause slipping.

Model No.	LEGEE-D8
Shape	D-shape
Software	LEGEE SLAM Navigation
Cleaning Method	Tangless 4-in-1 Cleaning
Hair Cleaning	Tangless™ Suction
Trash Compressing Rate	ECO Compactor™ 5X Compression
Reciprocate Mopping	Max. 1300 times/min. + 8mm Stroke
Mopping Force	800 g
Smart Lift Mop	7 mm
Auto Detect Hard Flooring or Carpet	ARM (Auto-Recognition-Mopping)
Deep-Cleaning Brushroll	●
Side Brush	4 cm, Titled
Vacuum	5000 Pa
Battery	Li-ion 4900 mAh
Smart Water Spray	4 Nozzles + AI Smart Spray
Trash Bin Capacity	500 ml
600# Screen Filter High Efficiency Filter	Washable + Self-Clean Filter
Water Tank Capacity	320 ml
Cleaning Cloth Size	Rear Mop, 274 cm ²
Object Detection Method	Lidar + FDS (Fixed Distance Sensor) Array
Obstacle Crossing	20 mm
Cliff Sensor	2 Front + 2 Rear
LEGEE App	iOS/Android
Connection	5GHz/2.4GHz/Hotspot+ Auto Switch between 3 SSID
Account Login	HOBOT Account Facebook, Apple, Google, WeChat
Firmware Update (OTA)	●
Voice Prompt	Multilingual/Creative Voice
Voice Control	Siri/OK Google
Talent Clean 8 Cleaning Modes	Room Specific Talent Clean
Smart Recharge & Resume	●
Intelligent Space & In-Depth Planning	5 Layers Map Memory + Auto Room Divider + Appointed Area Cleaning Virtual Barrier/Virtual Box/Curtain Zone/Weaken Climbing
Map	Real-Time Map/Full Map Positioning
Schedule Queue & Cleaning Diary	●
Do Not Disturb Mode & Child Lock	●
Input Voltage	100~240 V, 50~60 Hz
Adapter Output	19V/1A, 19 W
Dimensions (L × W × H)	344 × 343 × 97.5 mm 13.5 × 13.5 × 3.8 inches



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