



ECOBOT

# SWEEP 40

VACUUMING MADE EASY

AUTONOMOUS

# ***SWEEP 40***

CLEANING

## ABOUT

The ECOBOT Sweep 40 is a fully autonomous vacuum robot that will remove the tedious labour of vacuuming and help companies save time and money. The Sweep 40 can easily vacuum on both hard floor and carpet areas and return to it's charging dock all by itself without human involvement.

Its powerful vacuum and brush power allows the clingiest dusts on the carpet to be removed while ensuring high levels of safety during operation with advanced safety and navigation systems. Equipped with special soundproofing, Sweep 40 is able to operate at noise levels as low as 55 dB, making it perfect for office, hotels and many other commercial environments.

## COMMERCIAL APPLICATIONS

**AIRPORTS**



**SHOPPING MALLS**



**COMMERCIAL BUILDING**



**SCHOOLS**



**HOSPITALS**



**HOTELS**



# KEY FEATURES

VACUUMING IS NO LONGER A REAL PAIN.



## QUICK AND EASY MAPPING

Allows for quick and easy set-up



## SOUND PROOFING

Quiet Operation as low as 55 dB



## HIGH CLEANING EFFICIENCY

Coverage up to 3,600 sqm per charge



## CLASS-LEADING SAFETY SYSTEMS

Advanced obstacle avoidance

### Low Maintenance

Requires as low as 2 hours every month for general maintenance and upkeep, pushing productivity to new levels.

### Multiple Safety Systems

LiDAR, Depth cameras, and Ultrasonic sensors for obstacle avoidance and object detection.

### True Dual Purpose

Ability to switch easily from autonomous mode to manual mode for touch-ups and spot cleaning .

### Cleaning Reports

Operators can monitor Ecobot's performance and access cleaning reports.

### Side Brushes

Front side brushes allows Sweep 40 to clean the edges efficiently.



# EASY MAPPING FOR FAST RESULTS



\*Image above showing Sweep 40 moving autonomously on a cleaning path once mapping is done

## Quick Setup and Use

Equipped with class leading sensors and the proprietary navigation technology using simultaneous localization and mapping (SLAM 2.0), the ECOBOT Sweep 40 allows for an incredibly fast mapping and easy set up.

Users and operators will find Sweep 40 extremely to use as well as to maintain the robot.

In addition, Gaussian's technical team or partners provides comprehensive training and 24/7 support to users.

## Users Comments

**Sheta Ramasamy**  
Cleaning Company Supervisor

"I love ECOBOT because it is easy to use. Just press play and it will clean all the floors including corners. I do not need to send another cleaner to do manual touch-ups."

## Technical Specification

\*Specifications and/or design details may change without prior notice.

Dimensions (mm)	700 (L) x 570 (W) x 850 (H)
Gross Weight of Machine	100 KG
Cleaning Efficiency	Up to 1200 m <sup>2</sup> /h
Clean Width	740 mm (590 mm without side brush)
Average Run-Time	3 ~ 4 hours
Maximum Power	1100 W
Maximum Vacuum	18 kPa
Dust Bag Capacity	12 L
Trash Can Capacity	2.5 L
Battery Type	Lithium Battery
Safety System	LIDAR, depth camera, ultrasonic sensor, collision bumper and anti falling sensor

\*Suitable for small areas such as Hotels, Hospitals and Shopping Malls.



**VACUUMING**



**MADE**



**EASY**

## OUR ECOBOT AROUND THE WORLD



Today, our autonomous cleaning robots are used in more than 20 countries in various industries such as airports, schools, offices, shopping malls, hospitals and hotels.



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