

Cenobots

CENOBOTS SP50

A ROBOT THAT SPOTS EVERY PROBLEM



Spot cleaning, also referred to as patrol cleaning, allows robots to focus on specific areas with higher levels of dirt and efficiently clean them. In this mode, the robot moves freely (patrols) in the space, promptly addressing any new dirt it encounters until it is completely removed. This capability is particularly beneficial in commercial spaces or areas with high human traffic.



PERFECT CLEANLINESS GUARANTEED

Our revolutionary CRC (Cleaning Result Control) technology ensures that the SP50 does not leave an area until cleaning is perfectly completed. Unlike typical robots that clean once, the SP50 returns to re-clean the same areas, eliminating even the most stubborn stains and layers of dirt. With the SP50, you can rely on 100% flawless cleanliness.





CENOBOTS SP50

SPECIFICATIONS

DIMENSIONS

Length	870 mm
Width	600 mm
Height	1,050 mm
Weight	145 kg
Sweeping width	720 mm
Roller brush width	460 mm

CLEANING

Max. theoretical productivity (spot cleaning)	20,000 m ² /hr
Max. theoretical productivity (regular cleaning)	2,100 m ² /hr
Roller brush rotation speed	1,000 RPM
Capacity of the container for coarse dirt	5 l
Capacity of the dust bag	18 l

MOVEMENT

Max. speed	1.2 m/s
Min. distance from wall	0 mm
Min. passable width	800 mm
Min. turn-around width	1,200 mm
Gradeability	6°

POWER

Battery type	Lithium iron phosphate
Battery capacity	120 Ah
Rated voltage	24 VDC
Charging time	4 hr
Max. runtime (spot-cleaning)	16 hr
Max. runtime (regular cleaning)	8 hr

Sensing: 3D LiDAR, 2D LiDAR, 3D Depth Camera, Ultrasonic Sensor, Bumper Sensor

Sound pressure level: 65 dB

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More information:

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