

**CenoBots**

## CENOBOTS L50

AN EXTREMELY POWERFUL ROBOT WITH AI  
AT ITS CORE



CenoBots L50 excels in cleaning efficiency and performance, making it an ideal partner for tackling even the most demanding spaces. Equipped with a 55-liter water tank and a 120 Ah battery capacity, it efficiently cleans large areas quickly. The high-pressure cleaning pad ensures thorough and effective cleaning, making this machine a reliable solution for various types of spaces. With a productivity rate of 2,376 m<sup>2</sup> per hour and spot cleaning capability, the CenoBots L50 is versatile for a wide range of cleaning tasks.



### OPTIMIZATION OF CLEANING

CenoBots utilize neural network technology to enhance cleaning efficiency. The robots gather data on operations, human movement, and surface quality. This data undergoes evaluation through a neural network, which optimizes cleaning routes and processes based on analytical outcomes.



### MOBILE APPLICATION

The application allows clients to monitor the robot's movement continuously and access vital performance data conveniently from their mobile devices.







# CENOBOTS L50

## SPECIFICATIONS

### DIMENSIONS

Length	1,055 mm
Width (w/o squeegee)	580 mm
Height	1,045 mm
Weight	190 kg
Cleaning width	550 mm
Squeegee width	800 mm

### CLEANING

Max. theoretical productivity (spot cleaning)	27,720 m <sup>2</sup> /hr
Max. theoretical productivity (regular cleaning)	2,772 m <sup>2</sup> /hr
Brush pressure	25 kg
Disk brush speed	220 RPM
Clean water tank capacity	55 l
Waste water tank capacity	55 l

### MOVEMENT

Max. speed	1.4 m/s
Driving motor	250 W*2
Min. distance from wall	0 mm
Min. passable width	900 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)	12 hr

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

Process chip: Nvidia Xavier AI edge computing chips with up to 32 TOPS AI performance

Mapping sensor: 3D LiDAR with 150 m detection range

Sound pressure level: 65 dB

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#### More information:

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