CenoBots

AI-Powered Scrubber-dryer Robot



CenoBots L50

Key Features

Superior cleaning productivity and performance

The CenoBots L50 provides exceptional cleaning productivity and performance, making it an excellent cleaning partner. Equipped with a 55 L/14.5 gal water tank， and a 120Ah capacity battery, this scrubber can efficiently cover a larger surface area in less time. Its high pad pressure ensures comprehensive and effective cleanliness, making it a reliable cleaning solution for all types of cleaning tasks. With a full coverage productivity of up to 2203m^2/23713ft^2 per hour, this scrubber is perfect for a wide range of commercial spaces, regard-less of their size.



Built to last

The CenoBots L50 has undergone thorough testing and has been manufactured using the rotational molding process and well-tried components. As a result, it is capable of withstanding wear and tear, ensuring that it can operate reliably and durably over an extended period of time.



Human-like intelligent cleaning

The CenoBots L50 is equipped with the latest and most advanced 32-beam 3D lidar technology and the most powerful AI computing chip, enabling it to achieve intelligent cleaning that is truly comparable to a human's. Furthermore, the L50 can operate at a distance of <5cm/2in from the wall and adapt its mapping to the environment, allowing it to optimize its cleaning route and increase efficiency.

High level of safety

Equipped with multiple sensors and a three-dimensional, 360-degree comprehensive safety protection system, this scrubber offers a high level of safety.



Hassle-free after sale service

Thanks to its strong mapping capabilities and advanced algorithms, the CenoBots L50 can adjust to changes in the environment without any need for human intervention. In addition, with free OTA updates, software updates can be easily performed without the need for a technician to come on-site. This convenient after-sale service ensures that the scrubber robot is always up-to-date and can provide dependable and effective cleaning solutions for its users.

Easy to maintain

The CenoBots L50 is easy to maintain, thanks to its automatic refill and drain water system, as well as its charge and discharge capabilities, which are accessible through the one-stop service docking station. Furthermore, its modular components and intuitive interior design make it very easy to perform maintenance and troubleshooting tasks.

Specifications

DIMENSIONS

Length	1030 mm | 40.6 in
Width (w/o squeegee)	580 mm | 22.8 in
Height	1045 mm | 41.1 in
Weight	220 kg | 485 lbs
Cleaning Width	510 mm | 20 in
Squeegee Width	840 mm | 33.1 in/770 mm | 30.3 in(Optional)

CLEANING

Max. Theoretical Productivity	2203 m^2/hr | 23713 ft^2/hr
Brush Pressure	25 kg | 55.1 lbs
Disk Brush Speed	220 RPM
Clean Water Tank Capacity	55 L | 14.5 gal
Waste Water Tank Capacity	55 L | 14.5 gal

MOVEMENT

Max. Speed	1.2 m/s | 2.68 mph
Min. Distance from Wall	50 mm | 2 in
Min. Passable Width	940 mm | 37 in/870 mm | 35.4 in(Optional)
Gradeability	8%

POWER

Battery Type	Lithium Iron Phosphate
Battery Capacity	120 Ah
Rated Voltage	24 VDC
Charging Time	4 hours
Max. Runtime	6 hours

SENSING	32-beam 3D LiDAR, 3D Depth Camera, Bumper Sensor, IMU Sensor
SOUND PRESSURE LEVEL	At least as 67 dB(A)
KEY COMPONENTS FOR AI	
Process Chip	Nvidia AI edge computing chips with up to 100 TOPS AI performance
Mapping Senor	3D LiDAR with 150m/492ft detection range

CenoBots
HQ: 140 Robinson Rd, Singapore, 068907
USA: 815 Brazos St, Austin, Texas, 78701
Website: www.cenobots.com
Email: info@cenobots.com

Search: CenoBots @CenoBots