

CenoBots

DS
LOGISTICS SUPPLY



CenoBots Autonomous Scrubber Dryer L4

Clean Like A Pro

Retail

Healthcare

Hospitality

Shopping Mall

Office Building

Compact Yet Productive

The L4 is more than just compact; it's a dynamic solution tailored for crowded environments. Featuring advanced edge cleaning technology with a distance from the wall of less than 1.2in/3cm, the L4 ensures thorough cleaning in every nook and cranny. With an impressive 43.3in/1100mm turn-around width, it effortlessly navigates tight spaces, ensuring easy passage through crowded aisles. This exceptional adaptability, combined with a 10gal/38L solution tank and a 17.7in/450mm cleaning width, guarantees optimal performance. The L4 is the perfect companion for challenging and bustling environments.

10gal/38L

solution tank

17.7in/450mm

cleaning width

1.2in/3cm

distance from the wall

31.9in/810mm

passable width

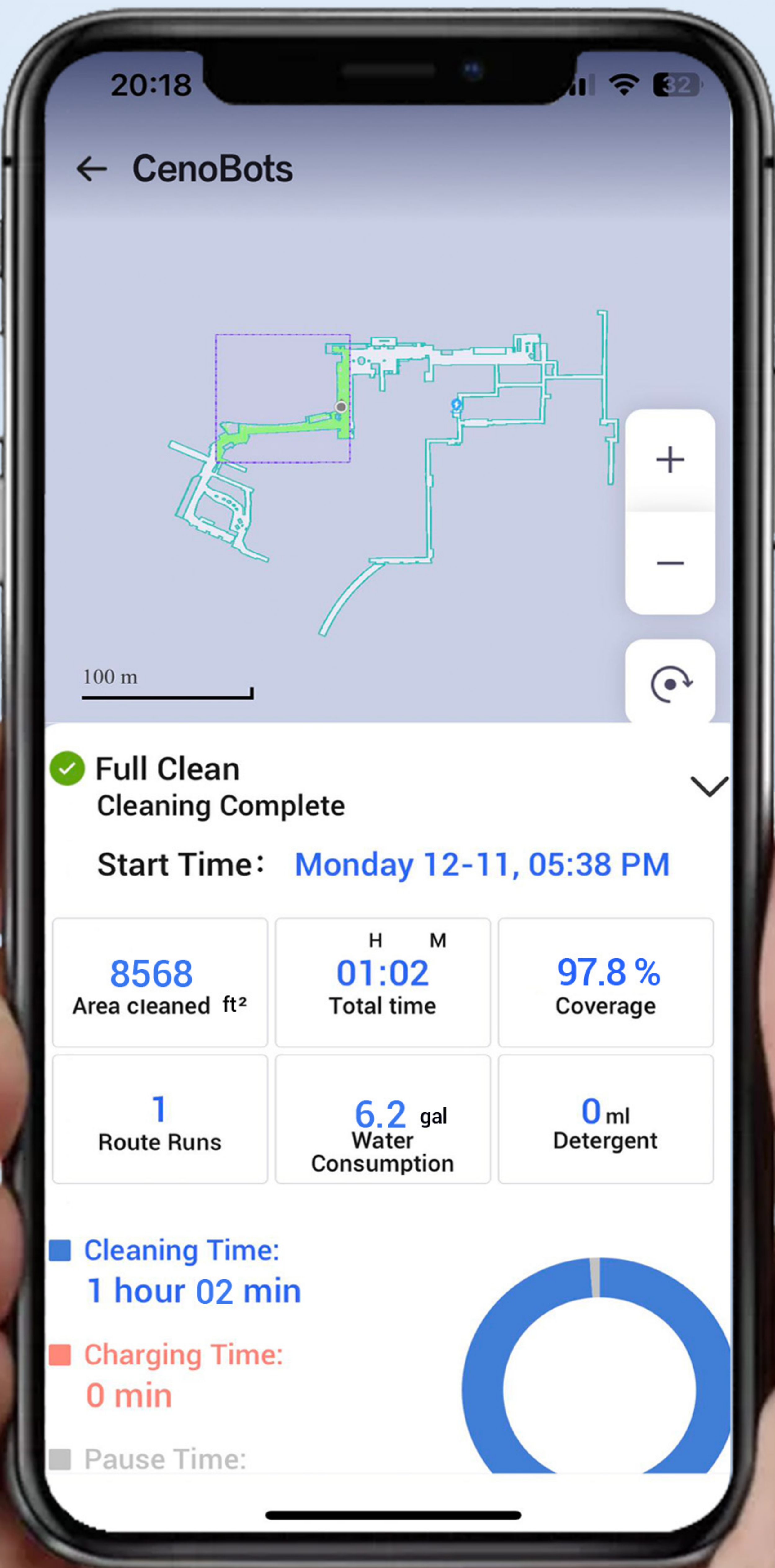
43.3in/1100mm

turning-around width



Intelligent Cleaning at Your Fingertips

Experience the epitome of effortless intelligent cleaning with the L4 Autonomous Scrubber Dryer, empowered by the formidable Nvidia processing chip with 32 TOPS AI performance. With the simple flick of a finger on its user-friendly mobile app and 10.1 inch touch screen, achieve unparalleled adaptability and seamless control. The L4's advanced stain and liquid detection capability, driven by its powerful AI features, ensures a thorough and targeted cleaning approach, redefining your cleaning standards with unprecedented intelligence and adaptability. Access the future of cleaning through the L4, where smart cleaning is just a fingertip away.



32 TOPS

AI performance reaching



Mobile App

10.1 inch

Touch Screen



Stain perception

Unmatched Safety Assurance

The L4 is fortified with a safety shield powered by multiple sensors - 32-beam 3D LiDAR, 3D depth cameras, and a bumper sensor. Combined with Cenobot's robust algorithms, these sensors create an impenetrable safety net, ensuring the L4 navigates with precision and avoids obstacles seamlessly. Trust in the L4 for a cleaning experience that prioritizes safety without compromise.

492ft/150m

32-beam 3D LiDAR
detection range

Protruding

object detection

Low object

≤ 1.2in/3cm

Cliff

detection



Streamlined Maintenance Excellence

The L4 introduces a revolutionary workstation, extending cleaning autonomy 24/7 and significantly reducing maintenance efforts. This intelligent workstation autonomously re-fills water/detergent and charges the robot, ensuring optimal performance without manual intervention. With features like a magnetic brush, swift 30-second squeegee blade replacements, and a large opening water tank, the L4 guarantees a hassle-free and efficient cleaning experience.

✔ Workstation

✔ Magnetic brush

✔ 30s squeegee blades replacement

✔ Large opening water tank



Sustainability

The L4 pioneers sustainability with an advanced water saving system, reducing water and detergent usage. It can adjust the water flow according to the speed. It's not just cleaning; it's responsible cleaning.

Smart Flow

reduction in water and detergent



SPECIFICATIONS

DIMENSIONS	
Length	31.9 in 810 mm
Width (w/o squeegee)	24.2 in 615 mm
Height	42.3 in 1075 mm
Weight	331 lbs 150 kg
Cleaning Width	17.7 in 450 mm
Squeegee Width	29.1 in 740 mm
CLEANING	
Max. Theoretical Productivity	20925 ft²/hr 1944 m²/hr
Brush Pressure	44 lbs 20 kg
Brush Speed	270 RPM
Solution Tank Capacity	10 gal 38 L
Recovery Tank Capacity	9.5 gal 36 L
MOVEMENT	
Max. Speed	2.68 mph 1.2 m/s
Min. Distance from Wall	1.2 in 3 cm
Min. Passable Width	31.9 in 810 mm
Min. Turn-around Width	43.3 in 1100 mm
Gradeability	8%
POWER	
Battery Type	LFP
Battery Capacity	70 Ah
Rated Voltage	24 VDC
Charging Time	2.7 hrs
Max. Runtime	4.5 hrs
SAFTEY FEATURES	
Sensing	3D LiDAR, 3D Depth Camera, Bumper Sensor, IMU Sensor
SOUND PRESSURE LEVEL	At least as 66 dB (A)
KEY COMPONENTS	
Process Chip	Nvidia processing chip with 32 TOPS of AI performance
Localization Sensor	3D LiDAR with 492ft/150m detection range

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