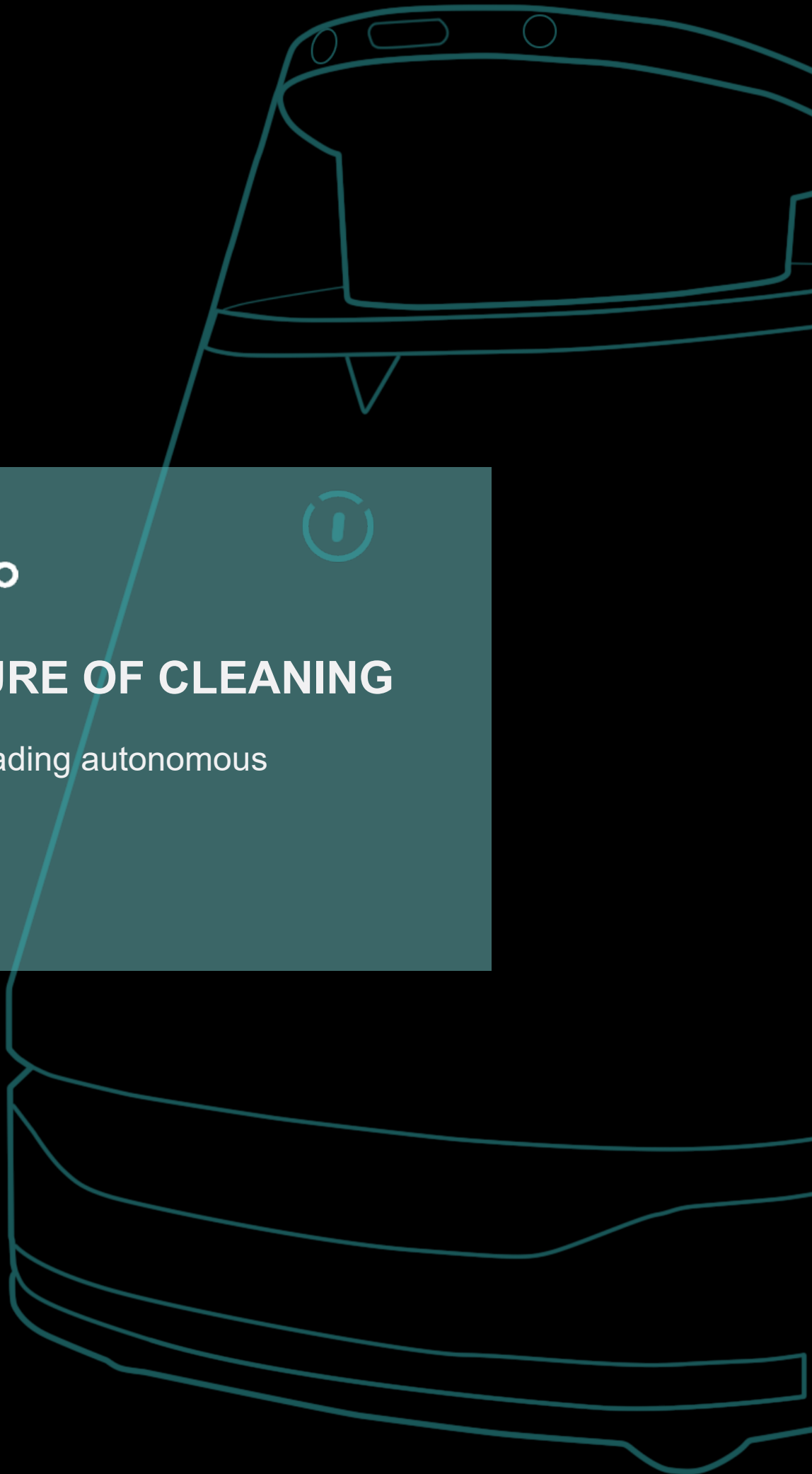




THE FUTURE OF CLEANING

An industry leading autonomous
cleaning robot





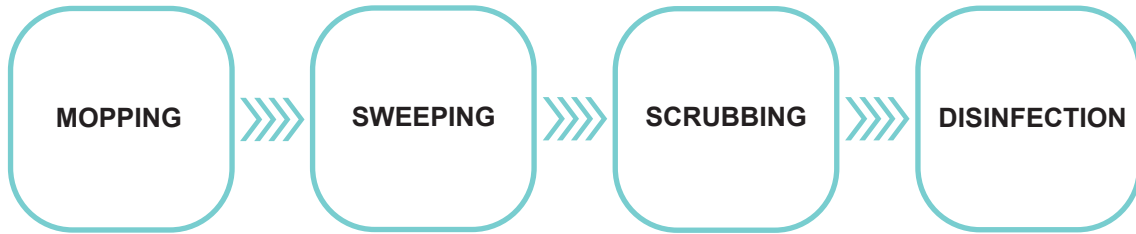
Commercial Cleaning Robot

T1

Trio00 is a commercial cleaning robot suitable for indoor hard floors. With integrated mopping, scrubbing, and disinfection functions. Trio00 provides 24/7 uninterrupted cleaning services.



Four Integrated steps all wrapped into one. This creates a massively optimized repetitive labour task to be done hassle-free. Welcome to the future of cleaning.



Via the combination of big data and artificial intelligence technology, it is easy to achieve a safe and automatic cleaning environment.



Autonomy based on SLAM technology



Dynamic path planning



Virtual representation of cleaning hot area



Sensor-fusion enabled navigation and obstacle avoidance



Industrial grade LiDAR and 3D camera

REMOTE-CONTROL APP

The cleaning map and information can be synchronized to the cloud to monitor and obtain cleaning reports in real time. Distributing cleaning tasks could be done through the cloud platform as well.



Focused solely on cleaning, designed for practicality, simplicity, and ease of use.

Cleaning components

All cleaning components are placed inside the body, for beauty and safety.

Chassis structure

Quick-release design, easy for replacements and maintenance.

Brush and squeegee

Brush and squeegee can be removed manually without tools. Different materials of brush and squeegee available for various types of grounds.

100Ah High capacity battery

The robot can run for 16 hours on a single charge on a 100Ah battery. Due to our swappable battery design, Triooo's robot can achieve 24x7 uninterrupted operation.



INDEX

Size (W/L/H)	Weight	Brush Width	Scrubbing Width	Cleaning Efficiency
66/67/84 CM	99 KG	45 CM	56 CM	1000 M2
Max Noise Level	Max Lidar Range	Obstacle Detection (R)	Max Speed	FOV of Lidar
< 70 DB	25 M	45 CM	0.8 M/S	200 Degree
Tank Volume	Max Scrub Time (W full water)	Maximum Working Hours	Off-Ground Height	Battery Duration
24L 30L Clean Water Dirty Water	1-4 H	4H 16H Scrubbing Mopping	4.6 CM	4 H

The dual mode disinfectant spray/UV is equipped to combat a wide variety of bacteria and viruses. The disinfection component adopts a backpack-style design, with a stable structure and easy installation. UV lamps can be hidden in the "disinfection backpack" and a remote control is provided to ensure the safety of the operators.

DISINFECTANT SPRAYER			UV-LAMP		
Weight	Spray Rate	Humidity	Power	Irradiation Range	UV Intensity
6.5 KG	1.5 L/H	<80% RH	160 W	100 M2	4X127MV/M2



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Trio00 Technology is committed to developing intelligent cleaning robots for various commercial institutions. With a clear roadmap to provide artificial and standardized cleaning solutions in efficient, aesthetic and sustainable approaches.

We aim to revolutionize the cleaning industry and become the global leader in cleaning innovations.

Trio00 is set to bring the best of robotics technology to the global cleaning market.





C1

With mopping and disinfection functions, the C1 is suitable for cleaning showrooms, corridors, and other tight spaces, that often requires great manoeuvrability. The C1 is equipped with an automatic recharge function.

INDEX

Size (W/L/H)	Tank Volume	Max Speed
40/49/106 CM	4 L	0.5 M/S
Brush Width	Maximum Working hours	Battery Duration
40 CM	4 H	3 H
Cleaning Efficiency	Max Noise Level	Max Spray Rate
600 M2	<40 DB	600 ML/H





triooo

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