

■ Specifications

	Unit	
Cleaning speed	m/s	max. 0.6
Battery charging time	H	6-8
Running time = (battery and water)	H	About 2-3
Batteries		2×12V (115Ah)
Cleaned area per charge Varies depending on room layout and water volume	m²	About 2,500
Fall protection		Infrared sensors
Working width of the brushes (3 brushes)	mm	660
Working width of the suction cup	mm	790
Fresh water tank	Liter	40
Waste water tank	Liter	50
Dimensions (W×D×H)	mm	925×850×880
Total weight, including batteries without water	kg	275

- Notes:
- The content and specifications in this catalog are subject to change without notice in the interests of product improvement.
 - This product is intended solely for indoor use.
 - Contact us for information on the conditions required for automatic operation.
 - The content of this catalog is current as of June 2016.



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View the ROBO Cleaper cleaning video



Automatic Floor Cleaning Robot

ROBO Cleaper



The ideal product for cleaning extensive areas such as hospitals,
gymnasiums, factories and warehouses





An independently operating floor-cleaning robot incorporating advanced mapping technology

The ROBO Cleaper features a controller that employs advanced mapping technology that obviates the need for conventional guidance control systems such as instruction lines, magnetic tape, and light reflectors. It operates independently while recognizing its own position.

Since it performs cleaning operations automatically during the night, your premises can be cleaned without disrupting daytime operations; thus, it increases your work efficiency.

In addition, it solves understaffing issues and overcomes the problem of uneven cleaning performance by janitorial staff. These features contribute to both reduced costs and increased cleanliness.

Note: An operator is required to start cleaning operations at each site.

**WINNER
AMSTERDAM
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2016**

Winner of the Innovation Award
at 2016 ISSA/InterClean trade show.

Advanced mapping function

- Cleans multiple passages while automatically avoiding obstacles.
- Cleans every corner of the entire mapped area.
- Trouble-free cleaning, with no tracing required.

Can clean very large areas, equivalent to 9.6 tennis courts

- Maximum cleaning area (obstacle-free): 2,500 m²

Cleaning area with few obstacles 600 m² in 45 min. or 1,200 m² in 70 min.

Cleaning area with many obstacles 450 m² in 45 min. or 1,100 m² in 120 min.

Note: All figures approximate.

Cleans right into corners

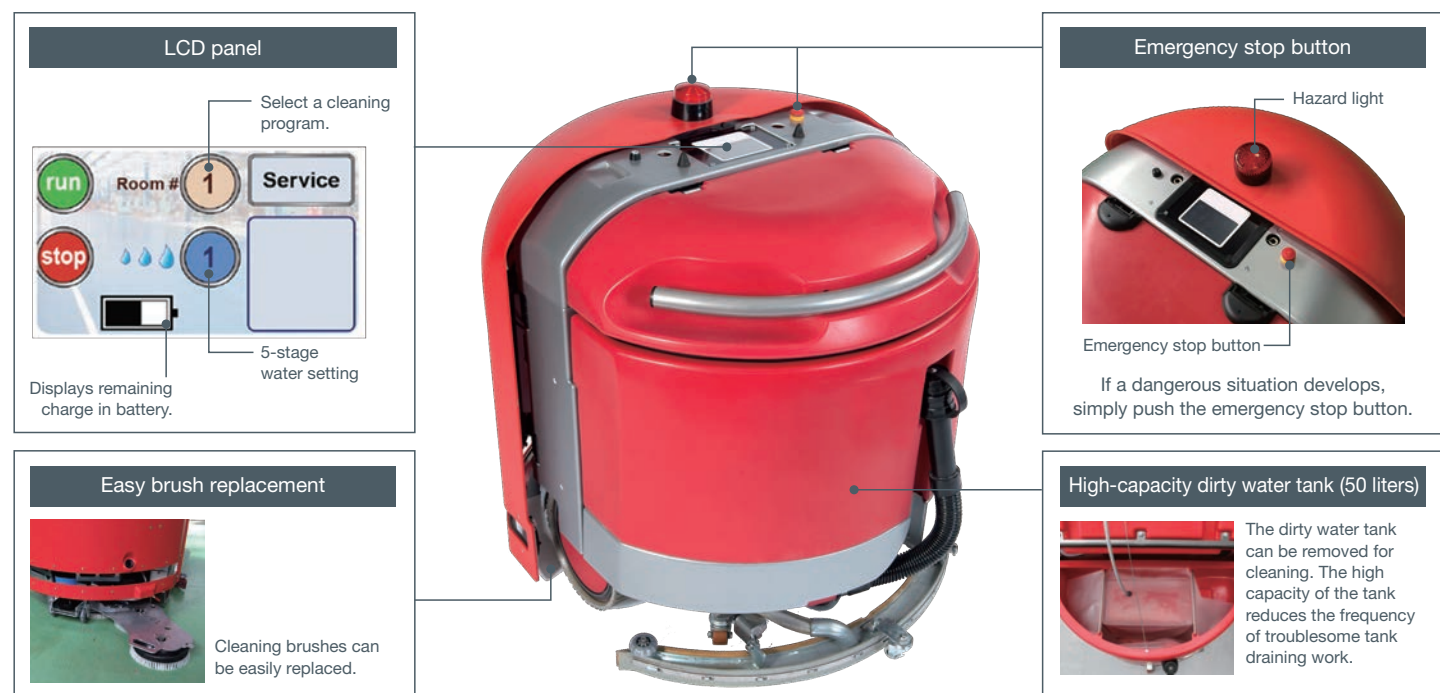
- Since the product is cylindrical, it can clean up to 20 cm from walls.
- Cleans every nook and corner of the room, without exception.

Safety

- The ROBO Cleaper operates only after determining the suitability of the surroundings. It measures the distance to adjacent walls and detects obstacles with sensors. When an obstacle is detected, it avoids the obstacle and continues cleaning.
- If the front bumper contacts an obstacle, the contact is detected, the obstacle is avoided, and cleaning operation continues (restarting is not required).



Front bumper sensor



Accessories

Pad



Detergent



Brush

