

NOBLELIFT FRANCE



ANS720

ROBOTIC SWEEPER



Robust
design



High
performance



Easy
maintenance



AI
technology

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ANS720 - PRODUCT OVERVIEW

Robotic and artificial intelligence sweeper

An autonomous professional cleaning service

The ANS720 robotic sweeper is equipped with artificial intelligence technology capable of autonomous floor cleaning, far more efficient and effective than any other model currently available on the market. Able to detect over 30 different types of waste and debris with 99% accuracy, the ANS720 can reliably and intelligently perform automatic spot cleaning, dramatically increasing cleaning efficiency by up to 10 times. Worry-free robotic sanitary maintenance during the day is finally possible.



// Waste detection and classification

Thanks to its Smart Recognition technology, the ANS720 can automatically detect and classify more than 30 types of waste with 99% accuracy.

// Innovative self-adaptive cleaning technology

The ANS720 can automatically adjust its area and cleaning methods according to the quantity, size and type of waste and debris it detects. It is the only robotic sweeper capable of adapting to changing real-life situations without human intervention.

// Less than 5 cm from the wall

No human intervention is required after the robotic sweeper has cleaned. Even debris closest to the wall can be removed by the ANS720.

// Superior detection capability

There's no need to manually modify the internal board if the environment changes. The ANS720 can also automatically resume work from a lost location, making it perfect for very long corridors.

// Unbeatable efficiency

The ANS720 can operate on hard or soft floors and carpets, with an unbeatable cleaning efficiency of 2,100 m²/h in normal cleaning mode and 20,000 m²/h in patrol cleaning mode.



// Easy after-sales service

Thanks to its innovative modular design, the ANS720 offers simple, efficient after-sales service. Parts can be replaced quickly, error codes are clearly recorded, and remote assistance ensures uncomplicated service.

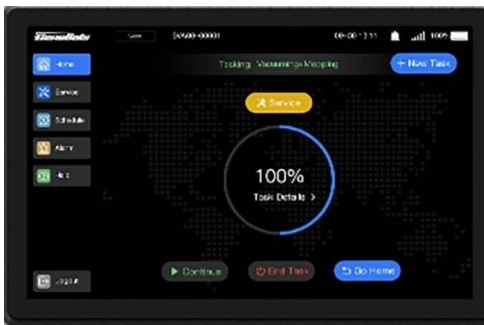
// The highest level of safety

The ANS720 has been rigorously tested in state-of-the-art facilities. It uses state-of-the-art Nvidia Xavier AI computer chips and multi-channel 3D LiDAR (used in robotic vehicles) to ensure compliance with the most stringent safety standards.



// The highest level of safety

The mobile application makes it easy to manage and monitor cleaning operations. Users can track the sweeper's movements, check its performance, plan routes, receive alerts at the end of a cycle and much more. This intuitive application optimises the supervision and efficiency of the robotised sweepers, ensuring maximum cleanliness of the areas managed.



10-inch touch screen for easy management of cleaning tasks.



Flashing LED safety light alerts nearby pedestrians.

The ANS720 operates in total darkness, allowing cleaning to take place after working hours.



ANS720 - PRODUCT SPECIFICATIONS

Technical specifications			
1	Model		ANS720
2	Length	mm	855
3	Width (without squeegee)	mm	600
4	Height	mm	1050
5	Weight	kg	132
6	Sweeping width (with side brushes)	mm	720
7	Width of cylindrical brush	mm	460
8	Max. theoretical productivity (spot cleaning)	m²/h	19870
9	Max. theoretical productivity (regular cleaning)	m²/h	19878
10	Dust filter bag capacity	L	18
11	Waste bin capacity	L	5
12	Max. suction power	kPa	25
13	Max. speed	m/s	1,2
14	Min. distance from wall	mm	<50
15	Min. passage width	mm	800
16	Min. turning width	mm	1200
17	Grade clearance	°	6
18	Battery type		Lithium
19	Battery capacity	V/Ah	24 / 120
20	Charging time	h	4
21	Max autonomy (one-off cleaning)	h	6
22	Max autonomy (regular cleaning)	h	8
23	Sensors		3D LiDAR, 3D depth camera, ultrasonic sensor, collision sensor
24	Noise level	dB(A)	58



Charging station for ANS720

// Easy maintenance

The charging station has an automatic recharging function. When the battery is low, the robotic sweeper can automatically return to the charging station to recharge, then automatically resume its previous task once the recharge is complete.

// Optimum safety

The charging station is CE certified, proving that it meets rigorous safety standards. Thanks to its dual signal loss detection function, the charging station automatically switches off if the robotic sweeper becomes detached, offering additional safety. The station also incorporates a number of protection functions, including overheating, short-circuit and power surge protection, enhancing its safety performance.

// Compact design

The compact charging station offers great flexibility and guarantees efficient cleaning. Its compact size means it can be easily placed anywhere, making the best use of the available floor space. Its design is extremely comfortable to use and improves overall cleaning efficiency.



Technical specifications

1	Dimensions (L x W x H)	mm	420 x 225 x 620 mm
2	Weight	kg	27
3	Input voltage	V	100 - 240
4	Power	W	1000
5	Output voltage	V	24
6	Output current	A	30
7	Operating ambient temperature	°C	-10 à 45





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