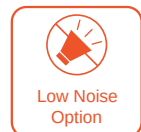


LITHIUM

ANS720

4.8 Gallon Dust Filter Bag
AI Powered AGV Sweeper



Why choose between price and quality **WHEN YOU CAN HAVE BOTH!**

HIGHLIGHTS

- ▶ Sweeping width 20"
- ▶ 4.8 Gallon dust filter bag
- ▶ Cleans 7,000-10,000 sq ft/hour
- ▶ 3.6 PSI suction power
- ▶ Maintenance-free lithium battery
- ▶ 4-5 Hour run-time
- ▶ Automatically returns to working station to recharge itself and then resumes cleaning
- ▶ 10.1" Touch screen control panel
- ▶ Mobile app controlled
- ▶ 32 Beam 3D LiDAR
- ▶ Nvidia Advanced Xavier AI Chip with 32 TOPS AI performance
- ▶ 99% Recognition accuracy
- ▶ Intelligent obstacle/pedestrian avoidance, 492' detection range
- ▶ Protruding object detection
- ▶ Glass detection
- ▶ Cleans up to 2" from edges
- ▶ Deceleration when more debris is detected so it can properly sweep up area
- ▶ Night cleaning mode - lights out
- ▶ LED flashing safety light
- ▶ Automatic shut-off if signal is lost
- ▶ Charging station is CE and UL certified



ANS720

4.8 Gallon Dust Filter Bag
AI Powered AGV Sweeper

The ANS720 AI Powered AGV Sweeper provides exceptional cleaning productivity and performance, making it an excellent cleaning partner. Equipped with a 4.8 gallon dust filter bag and a 120Ah capacity lithium battery, this sweeper can efficiently cover a larger surface area in less time. Its 3.6 PSI high-suction power ensures comprehensive and effective cleanliness, making it a reliable cleaning solution for all types of cleaning tasks. With cleaning productivity of 7,000 to 10,000 square feet per hour, this sweeper is perfect for a wide range of commercial spaces, regardless of their size.



4.8gal

dust filter bag

20in

sweeping width

2in

distance from the wall

31in

passable width

8%

gradeability

Smart, Human-Like Cleaning

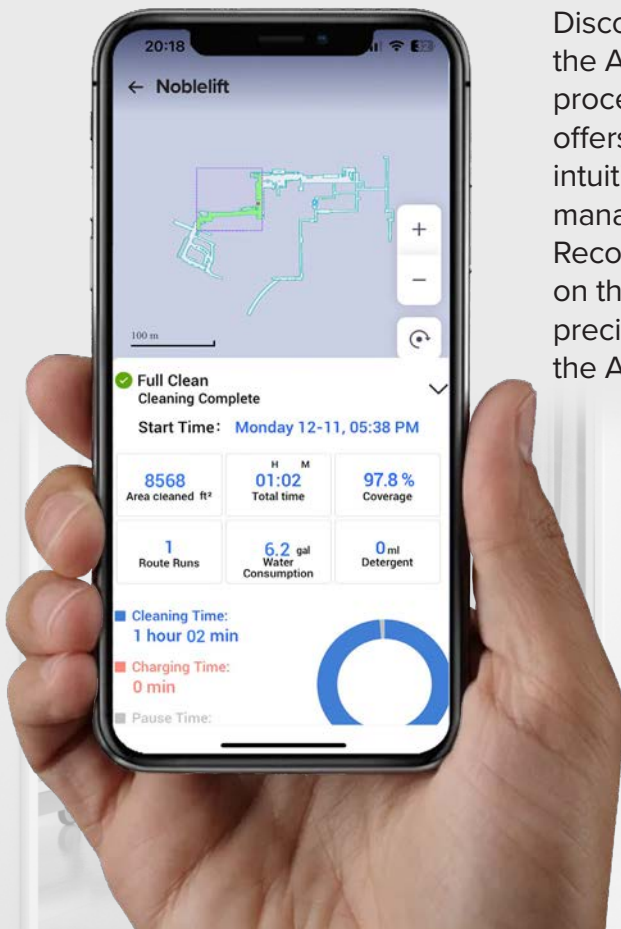
The NOBLELIFT ANS720 is equipped with cutting-edge 3D LiDAR technology and the most powerful AI chip, providing cleaning capabilities that rival human performance. It can clean as close as 2 inches from the wall and quickly adapt its mapping to the surroundings, optimizing its cleaning route for maximum efficiency. It works great on soft/hard floors and carpets.

Effortless Operation

With its robust mapping features and advanced algorithms, the NOBLELIFT ANS720 automatically adapts to environmental changes, without any need for human intervention. Plus, free OTA (over-the-air) software updates mean you can keep your sweeper robot up to date without needing a technician to come on-site. This always ensures reliable and effective cleaning solutions.

EFFORTLESS CLEANING AT YOUR FINGERTIPS

Discover the simplicity and efficiency of intelligent cleaning with the ANS720 Autonomous Sweeper. Powered by a robust Nvidia processing chip boasting 32 TOPS AI performance, this device offers exceptional flexibility and control. With just a tap on its intuitive mobile app or 10.1-inch touch screen, you can effortlessly manage your cleaning tasks. The ANS720 is equipped with “Smart Recognition” technology that can recognize various types of debris on the floor and adjust its suction power accordingly to ensuring precise and thorough cleaning. Elevate your cleaning routine with the ANS720, where smart cleaning is in the palm of your hand.



32 TOPS

AI performance
reaching

10.1in

touch screen



smart
recognition

RELIABLE CUTTING EDGE SAFETY

The ANS720 is protected with a safety shield powered by multiple sensors – 32 beam 3D LiDAR, 3D depth cameras, and a bumper sensor. Combined with NOBLELIFT’s powerful algorithms, these sensors create an impenetrable safety net, ensuring the ANS720 navigates with precision and avoids obstacles seamlessly. Trust in the ANS720 for a cleaning experience that prioritizes safety without compromise.



492ft

obstacle/pedestrian
detection range

Protruding

object detection

Glass

detection

SUPERIOR DESIGN AND PERFORMANCE



Works on soft/hard floors and carpets, with a cleaning efficiency of 7,000 to 10,000 square feet per hour.



3.6 PSI high-suction power ensures comprehensive and effective cleanliness.



Automatically returns to working station to recharge, and then resumes cleaning.



Large 10.1-inch touch screen control panel for effortless management of cleaning tasks.



The ANS720 autonomous sweeper works in complete darkness allowing for after hours cleaning.



LED flashing safety light alerts pedestrians within the vicinity.

SMART RECOGNITION TECHNOLOGY

Capable of detecting more than 30 different types of waste and debris with a 99% accuracy, the ANS720 can reliably and intelligently perform auto spot-cleaning thereby greatly increasing cleaning efficiency by as much as a factor of about 8. No other autonomous robot can match the ANS720's performance. Worry-free robotic day-time sanitary maintenance is finally possible.



IDEAL INDUSTRIES

Warehouse and logistics
Food and beverage
Manufacturing
Healthcare
Scientific research
Transportation
Retail
Hotel and hospitality

Convention centers
Supermarkets
Real estate
Sports arenas
Automotive
Aviation
Cleaning services
And more



STREAMLINED MAINTENANCE EXCELLENCE

The ANS720 Sweeper includes a groundbreaking workstation that revolutionizes cleaning. With its 24/7 cleaning autonomy, it drastically reduces maintenance efforts. This smart workstation takes care of automatically charging the robot, providing a hassle-free and efficient cleaning experience.



SPECIFICATIONS

Dimensions (main body)	16.5 x 8.9 x 24.4in
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Weight	60lb
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Input voltage	100-240Vac
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Max Power	1.34hp
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Output voltage	24VDC
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Operating temperature	14-113°F
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Specifications			
1.2	Model		ANS720
1.3	Length	in	33.4
1.4	Width	in	23
1.5	Height	in	41
1.6	Weight	lb	525
1.7	Sweeping width	in	20
1.8	Roller brush width	in	18
Cleaning			
2.1	Productivity	sq ft/hr	7,000 - 10,000
2.2	Max. Suction of vacuum motor	psi	3.6
2.3	Dust filter bag capacity	gal	4.8
2.4	Trash tray capacity	gal	1.3
Movement			
3.1	Max. Speed	mph	2.68
3.2	Min. Distance from wall	in	2
3.3	Min. turn-around width	in	47
3.4	Min. Passable width	in	31
3.5	Gradeability	%	8
Power			
4.1	Battery type		Lithium iron phosphate
4.2	Battery capacity	Ah	120
4.3	Rated voltage	VDC	24
4.4	Charging time	hr	4
4.5	Max. Runtime (spot cleaning)	hr	13
4.6	Max. Runtime (regular cleaning)	hr	4-5
Sensing			
5.1	Sensing		32-beam 3D LiDAR, 3D depth camera, bumper sensor, IMU sensor
Sound Pressure			
6.1	Sound pressure level	dB(A)	At least 58
Key Components for AI			
7.1	Process chip		Nvidia AI edge computing chips with up to 32 TOPS AI performance
7.2	Mapping sensor		3D LiDAR with 492ft detection range

A GLOBAL LEADER

NOBLELIFT is a global leader in Lithium Technology. We manufacture more than 200 categories and around 30 series of each product. Our products are designed to meet different application demands and are well accepted by our customers in more than 100 countries and regions in Europe, America, Asia, Africa and more.

Products include: sit-down forklifts, rough terrain forklifts, narrow aisle forklifts, walkie-stackers, order pickers, electric pallet trucks, scissor lifts, tuggers, tow tractors, scrubbers/sweepers, lift tables, manual pallet jacks and more.



FORKLIFTS



NARROW AISLE



STACKERS



POWERED PALLET TRUCKS



SCISSOR LIFTS



TUGGERS



SCRUBBERS

NOBLELIFT
NORTH AMERICA

2475 S. Wolf Road
Des Plaines, IL 60018
T: 847-595-7100
F: 847-595-7200
sales@nobeliftna.com
www.nobeliftna.com



Website

AUTHORIZED DEALER

