

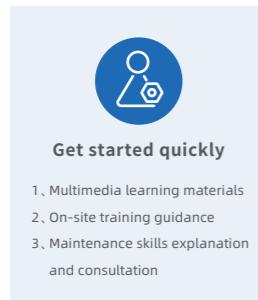
## AFTER-SALES SERVICE POLICY

VIGGO offers exceptional after-sales service with a dedicated team of experts committed to professionalism, standardization, and efficiency. From expert construction guidance and customer consultation to comprehensive training, we provide reliable support for cleaning and property management companies, ensuring your operations run smoothly.



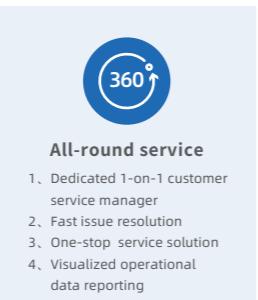
### Professional deployment

1. On-site program evaluation
2. Senior expert guidance
3. Customized operation plan



### Get started quickly

1. Multimedia learning materials
2. On-site training guidance
3. Maintenance skills explanation and consultation

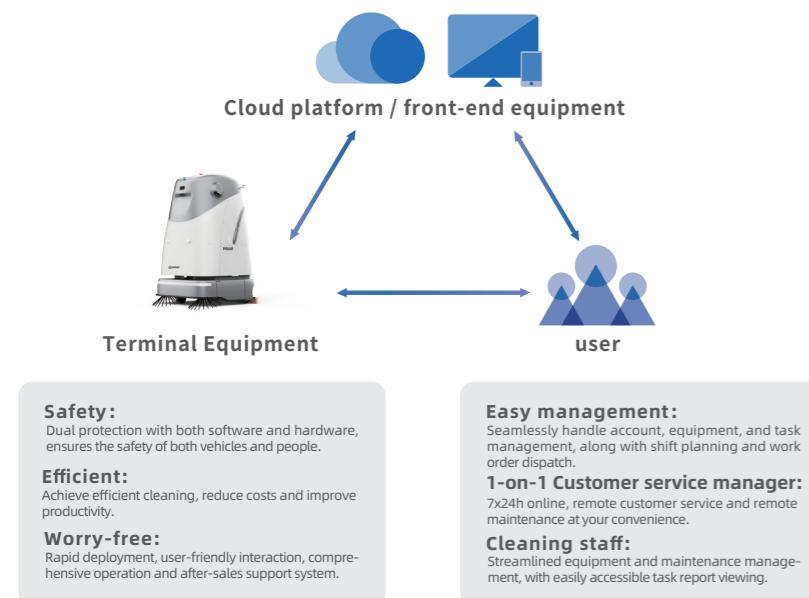


### All-round service

1. Dedicated 1-on-1 customer service manager
2. Fast issue resolution
3. One-stop service solution
4. Visualized operational data reporting

## “HUMAN-VEHICLE-CLOUD” PRODUCT SYSTEM

By implementing the autonomous cleaning and sanitation system, seamless collaboration between people and vehicles becomes a reality. This integration enhances cleaning efficiency and safety while fostering the intelligent transformation of the cleaning industry.



VIGGO · Make cleaning easier

# VIGGO

# VIGGO

# AUTONOMOUS DRIVING SCRUBBER-SC50Plus

VIGGO, a sub-brand of Idriverplus, introduces autonomous driving technology into smart lifestyle applications. As the first Chinese domestic brand to achieve large-scale mass production of autonomous cleaning vehicles, VIGGO sets the benchmark for innovative cleaning solutions.

Since the introduction of the first product in the VIGGO series, VIGGO has been deployed in over 100 cities and more than 3,000 customer sites, achieving a cumulative cleaning coverage of hundreds of millions of square meters.

Drawing from real-world applications in industrial warehousing, commercial complexes, supermarkets, transportation hubs, hotels, office buildings, parks, and tourist areas, VIGGO has developed comprehensive solutions tailored to a wide range of industries and scenarios.



[www.viggorobot.com](http://www.viggorobot.com)  
[www.viggorobot.eu](http://www.viggorobot.eu)



\*The final interpretation rights of this product belong to Beijing Idriverplus Co., Ltd. The images provided are for reference purposes only; please refer to the actual product for details.

## VIGGO AUTONOMOUS DRIVING SCRUBBER-SC50Plus

The VIGGO SC50Plus autonomous floor scrubber, developed by Beijing Idriverplus Technology Co., Ltd., is a versatile intelligent cleaning and scrubbing machine. It integrates washing and sweeping functions, offering multiple applications. Building upon the SC50P model, it includes an upgraded top-mounted mid360 radar for rapid and precise positioning in complex environments. Equipped with precise environmental perception, automatic path planning, autonomous obstacle avoidance, automatic charging, automatic water inlet/drainage, and wastewater filtration, it is suitable for challenging environments such as supermarkets and factories with obstacles.

### Scrubbing/ Sweeping/ Dust Mopping

The Top Choice for Floor Cleaning in Small and Medium-Sized Indoor Spaces

#### Sites



#### Floors



### ■ PRODUCT FEATURES



#### Superior positioning

Achieve rapid and precise positioning in complex and dynamic scenarios through the fusion of top-mounted mid360 radar and bottom single-line lidar.



#### Professional Cleaning

The roller brush applies 46 kg of pressure on the ground, adaptively lifting to effectively tackle both light and heavy stains.



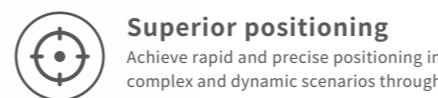
#### Long-lasting battery life

60Ah battery, 1h fast charge, solution/recovery water tank, optional filter components, ultra-long battery life



#### Worry-free use

Scheduled tasks, planned work schedules, Cloud management of task reports and data reports. Supports synchronized management of mini programs, APPs, and web.



#### Intelligent obstacle avoidance

The addition of RGBD obstacle avoidance modules on both sides minimizes detection blind spots and significantly enhances the recognition capabilities in complex scenarios, enabling quick and flexible obstacle avoidance.



#### AI intelligent identification

Leading positioning and perception technology, multi-sensor fusion, intelligent identification of characteristic obstacles, intelligent identification of escalators, isolation belts, forklifts, etc.



#### Fully automatic operation

Elevator and access control, automatic charging, automatic draining and refilling, breakpoint resume cleaning, missed spot cleaning, zero distance cleaning



#### Safety certification

The vehicle has passed CE full-function certification (including functional safety certification), FCC certification, and NCC certification

### ■ PRODUCT PARAMETERS

(Optional WSC50 workstation)

Dimension	800(L)x700(W)x1200(H)mm	Net Weight	180kg
Scrubbing Width	500mm	Sweeping Width	800mm
Max Cleaning Efficiency	1800m <sup>2</sup> /h	Battery	24V-60Ah, LiFePO4
Charging Time	1~1.5h	Runtime Per Charge	2~2.5h(Scrubbing) 5~7h(Mopping)
Cleaning Ability	46kg	Solution Tank Capacity	42L
Recovery Tank Capacity	30L	Trash Can Capacity	1.5L
Minimum Traffic Width	900mm	Minimum Turning Radius	1200mm
Max Slope	≤8°	Operating Noise	≤70dB(A)
Maximum Travel Speed	1m/s	Obstacle Crossing Height	15mm
Sensor Configuration	Mid 360 ° LiDAR*1, 2D LiDAR*1, RGBD*5, ultrasonic radar*6, collision sensor, anti-drop sensor, IMU, wheel speedometer		

## VIGGO WORKSTATION WSC50

The VIGGO Workstation, available as an optional accessory (with the standard configuration including a manual charger), complements the vehicle's functions by providing water and power supplies. This setup effectively reduces the frequency of human intervention and improves the overall human efficiency ratio of vehicle applications.



Automatic alignment



Automatic charging



Automatic water addition



Automatic drainage



Dimension	530(L)x530(W)x1200(H)mm	Net Weight	46kg
Input Voltage	150~265VAC	Input Current	≤10A
Output Voltage Range	8~30±0.4V	Max Charging Current	50±0.5A
Water Filling Speed	7~10L/min	Draining Speed	3~6L/min