

WS-03-S

Workstation of Phantas



WS-03-S is the workstation designed to pair with Phantas. Engineered to maximize uptime and minimize human intervention, the WS-03-S allows the robot to automatically perform essential tasks such as power charging, water refilling, and discharge by simply docking with the workstation.

Key Features



Auto Power Charging

Automatic charging, keeping the robot powered up for extended operation.



Auto Water Refill & Discharge

Automatic water refilling and sewage discharge, seamlessly managing water levels.



Auto Cleaning of Waste Collection Components

Automatically rinses and clears debris from the suction pipe, waste water tank and rubber squeegee.



Optional Mobile Water Tank

Enhanced versatility with a connection port for a mobile water tank, ensuring an adequate water supply when direct water access is unavailable.

Major Benefits



Improving Productivity & Reducing Human Workload

The workstation's automated features maximize uptime and minimize the need for human intervention, ensuring continuous operation and optimal productivity. This not only improves cleaning productivity but also alleviates the workload of cleaning staff.



Enhancing Component Longevity

Regular rinsing of cleaning components helps protect their condition and drastically reduces the risk of blockages in suction pipes, ensuring optimal component health status and consistent machine performance.



Facilitating Flexible Task Scheduling

The workstation facilitates flexible scheduling and adjustment of cleaning tasks by eliminating concerns over power and water supply limitations. This adaptability ensures optimal cleaning operations in diverse environments and conditions.

Specifications



Dimensions	510 × 558 × 702 mm 20.1 × 22.0 × 27.6 in
Weight	23 kg 50.7 lb
Electrical Input	100-240 VAC, ~8.1 A, 50-60 Hz
Electrical Output	29.4 VDC, 25 A
Operating Temperature	1~45 °C 33.8~104 °F
Operating Humidity	20% ~ 75%RH
Storage Temperature*	-20 °C~+70 °C -4~158 °F
Storage Humidity	20% ~ 93%RH
Communication Method	Wi-Fi
Installation Requirements	Ground-fixed or back-fixed against the wall
External Dependencies	Water source, floor drain, power supply

* If low-temperature storage is required (below 0 °C), drain the water tanks and all water pipes to ensure they are completely free of water.