

MODEL AMR ROBOSWEEPER

Flexible vacuum sweeping AMR suitable for logistics, industry, etc.

AMR ROBOSWEEPER	
Dimensions	
Length	1700 mm
Width	1300 mm
Height	1500 mm
Weight	485 kg
Useful features	
Max. cleaning performance	5 000 m ² /h
Motion	
Cleaning speed	1,1 m/s
Movement	Bidirectional
Additional features	
Feature	Service station S1300
Safety	
Safety features	Safety laser scanner
Power	
Battery	Li-ION / 24 V / 180-480 Ah
Charging station	Charging station 24 V
Navigation	
Navigation types	SLAM Lidar
Environment	
IP class	IP 20
Environment temperature range	10-45 °C

RoboSweeper is one of the few machines that complies with the global safety standard IEC 63327.



RoboSweeper



AUTONOMOUS OPERATIONS

- The fully autonomous vacuum sweeping robot system is equipped with a service station in which the robots battery is charged.
- In addition, the system offers fully automatic disposal of the swept-up dirt, which can be dumped into a standard container.



SAFETY PERFORMANCE LEVEL

- A combination of different intelligent sensors ensures stability in navigation and brings collision avoidance to a performance level that complies with the global safety standard IEC 63327.
- This increases the independence and autonomy of ADLATUS robot systems and ensures safety even in environments with many people.

SERVICE STATION S1300	
Dimensions	
Length	3 500 mm
Width	2 000 mm
Height	2 000 mm
Weight	240 kg
Power and media connection	
Electric power	230 V
Waste container	1 100 l
Extensions	
IP class	IP 20
Environment temperature range	10-45 °C



TRANSPARENCY THROUGH DOCUMENTATION

- Fully automated reporting after each use of the service robots facilitates the documentation and verification of services for billing purposes, performance records or audits.
- In the documentation you can find some values like the area cleaned, time spent and more details.
- The documentation of the cleaning process is certified and data protection compliant.



DATA PROTECTION GDPR* COMPLIANT

- Privacy by design – the robot does not record any personalized or environmental data.

* General Data Protection Regulation



AREAS OF USE

- Industrial production facilities.
- Logistics centre.
- Public buildings.
- Shopping centre.
- The parking lot.

ServisControl s.r.o. confirms that **4IGV s.r.o., Czech Republic**, demonstrates the capability to provide consulting, installation, and support services for ServisControl, as well as a commitment to further education, and is therefore certified as a **ServisControl PARTNER**.



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