

TASKI Beetle 2.0

powered by Gausium Robotics
Compact autonomous sweeping

TASKI Beetle automates repetitive dry-floor cleaning in warehouses, logistics facilities, manufacturing and other demanding environments.

Combining powerful pickup, high-volume suction, HEPA filtration and intelligent 3D navigation, Beetle autonomously removes everything from fine dust to large debris. Its compact footprint enables cleaning around pallets and equipment, while freeing operators for higher-value tasks.



Complete Autonomous Floorcare

Beetle adds a dedicated autonomous sweeping step to the TASKI portfolio. Use it as a stand-alone solution or combine it with Omnie to create a complete sweep-and-scrub workflow for consistently cleaner floors.



Autonomy That Releases Labor

Put repetitive sweeping on autopilot. Beetle autonomously handles repetitive sweeping for up to 4 hours / 8,000 m² per charge, reducing continuous operator dependency and freeing cleaning teams to focus on higher-value tasks.



Built for Industrial Environments

Compact dimensions, 3D LiDAR and dynamic obstacle avoidance enable Beetle to navigate around pallets, equipment and changing obstacles — bringing autonomous cleaning to busy industrial environments.



Powerful Pickup. Exceptional Dust Control.

Two side brushes and a high-speed roller collect everything from fine dust to surprisingly large debris. 1,320 m³/h suction and HEPA filtration capture fine particles and help prevent dust from being redistributed into the environment.



Safety

3D LiDAR, cameras and dynamic obstacle avoidance continuously monitor the surroundings, supporting safe autonomous operation around people and equipment. Beetle is designed in accordance with IEC 63327.

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Technical Data		TASKI Beetle 2.0
Dimensions	Metric	Imperial
Length (cm / in)	99	39
Width (cm / in)	75	30
Height (cm / in)	68	23
Weight (kg / lb)	112	247
Working Width (cm / in)	75	30
Max Airflow (m³/hr / ft³/hr)	1500	160,000
Max Productivity (m²/hr, ft²/hr)	3240	34,900
Max. Moving Speed (m/s, ft/s)	1.2	3.9
Min. Distance from Wall (cm / in)	0	0
Min. Turn-around Width (Auto) (cm/ in)	120	47
Hopper Capacity (l / gal)	45	12
Gradeability (Auto Cleaning)	8°	
Battery Runtime	5 hr	
Battery Charging Time	5 hr	
Data storage (cloud or device based)	Both - most on device. Key data, such as cleaning performance and map coverage, is sent to the cloud. Fully offline mode available as option	
Obstacle Avoidance	Yes - with Visual SLAM	
Automated return and charge	Yes - with charging station	
Certification	IEC63327, CE, CB	
Smart Features and Connectivity	Online fleet and machine management • Analysis of machine runtime and area coverage • AI-powered obstacle avoidance • Elevator integration possible • Automated charging. Automated empty & refill with workstation	
Navigation system (sensor array)	3D-LiDAR, RGB-Camera, RGB-D-Camera, Anti-drop Sensor	

Product Description	Product Codes
TASKI GS Beetle 2.0	60072816
TASKI GS Charging Station Phantas & Beetle	9293374

Accessories / Services	Product Codes
Air Filter for Beetle 2.0	60077065
Roller Brush for Beetle 2.0	60077066
Side Brush for Beetle 2.0	60077067
Elevator Integration Evaluation	60072646
Full day installation training	1Q900433
TASKI Robotics Door Opener	60063821
TASKI Beetle Gold 5yr	60077794
TASKI Beetle Silver 5yr	60077795