

GenoBots



LOGISTICS SUPPLY

S5

AUTONOMOUS SWEEPER

Clean From Fine Dust to Industrial Debris



Industrial



Warehousing



Transportation hubs



Parking Garages



Retail

Superior Cleaning Performance

Engineered to handle debris ranging from fine dust to larger waste, including wood chips, packaging film, plastic bottles, cardboard, screws, and other common industrial debris.



Compact Design, Powerful Productivity

With its compact yet highly efficient design, the S5 is built to perform in spaces of all sizes—from supermarkets to large parking garages and mega warehouses.



~2,500 m²/h (27,000 ft²/h)

Cleaning Productivity



50 L (13.2 gal)

Debris Hopper Capacity



820 mm (32 in)

Cleaning Width



2 hours

Fast Charging Time

AI-Powered Intelligence

Powered by a **100 TOPS NVIDIA** AI chip and equipped with industry-leading **32-beam 3D LiDAR** delivering up to **150 m (492 ft)** detection range.

TeamClean

Works with CenoBots autonomous scrubber dryers for **sweep-then-scrub** cleaning.



Spot Cleaning

Intelligently detects and cleans debris up to **4× faster** than traditional full-coverage cleaning.



Dynamic Environment Adaptation

Intelligent navigation adapts to real-time changes to ensure stable, consistent operation across large-scale industrial facilities.



Vehicle Recognition

Identifies vehicles and plans safe avoidance paths.



Advanced Dust Control

A powerful suction motor combined with HEPA filtration effectively captures fine dust. The **automatic filter shaker** prevents clogging and maintains consistent dust control performance.



Excellent Maneuverability

Built for real-world environments, the S5 glides through standard 32" doorways, narrow aisles, and over speed bumps for seamless operation.



Easy Maintenance

Quick-release side brushes and hopper: swap and clean in seconds.

Continuous Autonomous Operation

The S5 automatically returns to its charging station, enabling extended, hands-off operation with minimal labor.



BASIC INFORMATION

1030 mm | 40.6 in

Length

720 mm | 28.3 in

Width (w/o side brush)

990 mm | 39 in

Height

130 kg | 287 lbs

Weight

820 mm | 32.3 in

Sweeping Width

CLEANING

~2,500 m²/h (27,000 ft²/h)

Cleaning Productivity

50 L | 13.2 gal

Debris Hopper Capacity

MOVEMENT

1.4 m/s | 3.13 mph

Max. Speed

0 cm | 0 in

Min. Distance from Wall

810 mm | 32 in

Min. Passable Width

8°

Max. Climb Angle

POWER

LFP

Battery Type

75 Ah

Battery Capacity

2 hrs

Charging Time

5-7 hrs

Runtime

KEY COMPONENTS

Nvidia AI computing chip (with 100 TOPS AI performance)

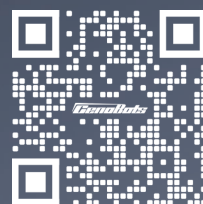
Computing Platform

32-beam 3D LiDAR (150m/492ft)

Core Environmental Sensor



THE RELIABLE, HASSLE-FREE ROBOTS
YOU CAN TRUST



Contact adres:

Lange Amerikaweg 93,
7332 BP Apeldoorn

Telefoonnummer:

+31 (0) 55 542 7545

E-mailadres:

info@esra.nl