CenoBots

LEADING THE NEW ERA OF CLEANING ROBOTICS

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.

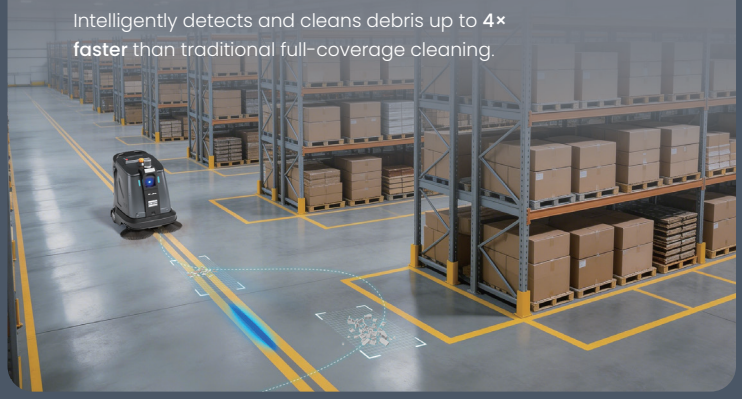
TeamClean

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.



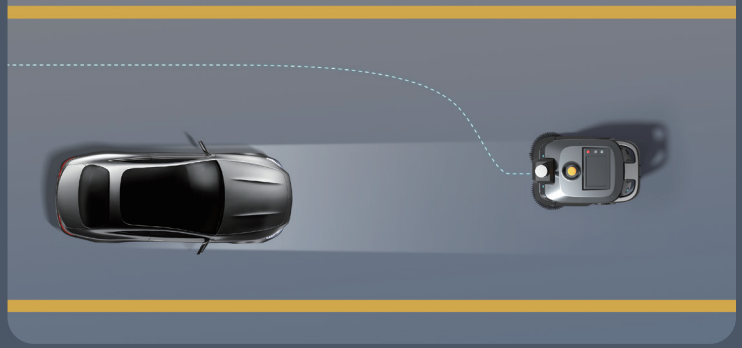
Dynamic Environment Adaptation

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



Singapore
140 Robinson Road
Singapore, 068907

USA
5900 Balcones Drive
23119 Austin,
Texas 78731

Netherlands
Margriet Toren
Haaksbergweg 75
1101 BR, Amsterdam

Germany
Erkrather Straße 401,
40231 Düsseldorf

China
699 Wang Shang Road,
Hangzhou.Zhejiang
Province 310052

Search：CenoBots
www.cenobots.com
info@cenobots.com