



AUTONOMOUS CLEANING ROBOTS / DEALER EDITION

Two strong brands. One clearer decision.

A balanced, source-backed guide to matching CenoBots and Gausium robots to the facility.



CENOBOTS



GAUSIUM



COMPARE BY APPLICATION

THREE BUYING DECISIONS

Vacuum / Sweeper / Scrubber

Published information reviewed September 2026

SP50 vs Vacuum 40

AUTONOMOUS VACUUM

High-capacity vacuuming or versatile floor care?

CENOBOTS	SP50	GAUSIUM	Vacuum 40
			
BEST FIT		BEST FIT	
Large carpeted facilities prioritizing long sight-lines, fewer tray emptying stops, and result checking.		Mixed floor environments valuing vacuuming, sweeping, dust mopping, carpet modes, and optional air care.	
PUBLISHED STRENGTHS 25 kPa suction 5 L tray + 18 L bag 150 m LiDAR range - Cleaning Result Checkup		PUBLISHED STRENGTHS 3-in-1 floor care - Three carpet settings - Up to 18 h mopping - Optional H13 HEPA	

MEASURE	CENOBOTS	GAUSIUM	SALES TAKEAWAY
Suction	25 kPa	24 kPa	Nearly matched; decide on floor and pickup challenge, not 1 kPa.
Debris system	5 L tray + 18 L bag	2.5 L tray + 12 L bag	SP50 publishes greater capacity, reducing service stops.
Runtime	Up to 13 h; mode dependent	3 h vacuum / 18 h mop	Match the figure to the actual cleaning mode.
Floor-care modes	Vacuum / spot-clean focus	Vacuum, sweep, dust mop	Vacuum 40 publishes the broader mixed-floor workflow.
Sensing	150 m LiDAR range	Multi-sensor; range undisclosed	SP50 quantifies range; Gausium lists sensors without range.

S5 vs Beetle

AUTONOMOUS SWEEPER

Maximum route productivity or packaged edge and safety features?

CENOBOTS	S5	GAUSIUM	Beetle
			
BEST FIT		BEST FIT	
Large warehouses where route coverage, hopper capacity, and coordinated multi-robot operations matter.		Busy facilities prioritizing close edge work, targeted debris response, and integrated visibility equipment.	
PUBLISHED STRENGTHS		PUBLISHED STRENGTHS	
50 L hopper 820 mm sweep width 2 h fast charge - TeamClean coordination		- Zero-distance edges - AI Spot Cleaning - Auto-cleaning HEPA - Pro safety package	

MEASURE	CENOBOTS	GAUSIUM	SALES TAKEAWAY
Sweep width	820 mm / 32.3 in	750 mm / 29.5 in	S5 covers a wider strip; route geometry still affects throughput.
Hopper	50 L / 13.2 gal	45 L / 11.9 gal	S5 offers 5 L more capacity for debris-heavy routes.
Charge time	2 h fast charge	Under 2.5 h	Both turn quickly; S5 publishes a modest advantage.
Targeted operation	TeamClean coordination	AI Spot Cleaning	Choose fleet coordination or targeted debris response.
Safety visibility	Configuration varies	Pro: flag, strobe, lights	Beetle Pro publishes a complete factory visibility package.

L3/L50 vs Omnie

AUTONOMOUS SCRUBBER

Long-range sensing and tank volume or all-around coverage?

CENOBOTS	L3 / L50	GAUSIUM	Omnie
			
BEST FIT		BEST FIT	
Sites wanting compact or high-capacity choices, long published sensing range, and a larger L50 tank.		Complex public spaces needing 360-degree awareness, multiple cleaning functions, and a wide combined path.	
PUBLISHED STRENGTHS 150 m LiDAR range 100 TOPS compute - L50: 55 L solution - Two size options		PUBLISHED STRENGTHS 360-degree perception 4-in-1 cleaning 780 mm sweep path - OmniSpotCleaning	

MEASURE	CENOBOTS	GAUSIUM	SALES TAKEAWAY
LiDAR range	150 m / 492 ft	100 m / 328 ft	CenoBots publishes longer range; both suit large spaces.
Cleaning width	L50: 550 mm scrub	780 mm combined sweep	Different measures; validate scrub-path needs separately.
Tank system	L50: 55 L solution	33 L clean / 24 L waste	L50 carries more published clean solution.
Perception	3D LiDAR; 100 TOPS	360-degree camera + LiDAR	One quantifies compute/range; one emphasizes full coverage.
Workflow	Dedicated scrubber lineup	4-in-1 cleaning	Choose size specialization or workflow consolidation.