

General Product Information		Product Name	Autonomous Scrubber 50 Pro			
		Brand	Gausium Robotics			
		Model	SC50 Pro			
		Model Number	SC 50 Pro		SS 50 Pro	
		Hardware version	3.7	3.7	3.7	3.7
		software version	3-6-6	3-6-6	3-6-6	3-6-6
		Brush Type	Disk Brush	Roller Brush	Disk Brush	Roller Brush
		Size (mm)	860*700*1030		860*700*1030	
		Weight (kg)	150.	140.	150.	140.
Cleaning	General	Cleaning Width (mm)	460.	460.	460.	460.
		Max. Theoretical Cleaning Efficiency (m²/h)	1600.		1600.	
	Scrubbing	Disk Brush	2*Height Adjustable	/	2*Height Adjustable	/
		Disc Brush Diameter (mm)	230.	/	230.	/
		Bristle Material	PP	/	PP	/
		Bristle Diameter (mm)	0.35	/	0.35	/
		Pad Holder Diameter (mm)	230.	/	230.	/
		Cleaning Pad	White/Red/Black Optional	/	White/Red/Black Optional	/
		Max. Disc Brush pressure (kg)	25.	/	25.	/
		Disc Brush Motor Speed (rpm)	270.	/	270.	/
		Disc Brush Motor Power (W)	2*150	/	2*150	/
		Roller Brush	/	2*Height Adjustable	/	2*Height Adjustable
		Roller Brush Dimension (mm)	/	ø72*370	/	ø72*370
		Bristle Material	/	PP	/	PP
		Bristle Diameter (mm)	/	0.40	/	0.40
		Brush pressure	/	18.	/	18.
		Roller Brush Cleaning Width (mm)	/	460.	/	460.
		Roller Brush Motor Speed (RPM)	/	1000.	/	1000.
		Rated Roller Brush Motor Power (W)	/	2*150	/	2*150
		Rated Suction Motor Power (W)	400.		400.	
		Clean/Recovery Water Tank Capacity	24/18		24/18	
		Water Filtration Stage	5 Stages		5 Stages	
		Water Filtration Grade	50 ~ 100 Micron		50 ~ 100 Micron	
		Squeegee	Height Adjustable		Height Adjustable	
		Squeegee Material	Natural Rubber		Natural Rubber	
		Squeegee Cleaning Width	700.		700.	
		Max. Suction Air Flow (m³/min)	2.		2.	
		Max. Vacuum Pressure (kpa)	18.		18.	
		Max. Water Spray Volume (L/min)	L0.6/M0.9/H1.5		L0.6/M0.9/H1.5	
		Waste Water Recycling Rate	80%		80%	
	Sweeping	Max. Cleanable Trash Size (mm)	/	ø8*20	/	ø8*20
		Max. Cleanable Trash Weight (g)	/	5.	/	5.
		Sweeping Capability	/	Capable: toothpick/cigarette butt; Uncapable: fresh	/	Capable: toothpick/cigarette butt; Uncapable: fresh
		Trash Tray (L)	/	2*0.6	/	2*0.6
	Mopping	Mopping Pad	Standard	Optional	Standard	Optional
		Efficiency (m²/h) (in Mopping Mode)	1600.		1600.	

	Sprayer Pack		/		Standard	
	Disinfection	Disinfectant Tank (L)			3.50	
		Max. Spraying Endurance (h)			3.	
		Max. Spray Flow (L/h)			1.40	
		Atomization Type			Ultrasonic atomization, ø1~5um	
		Max. Spray Distance (m)			1.	
		Nozzle			2.	
		Liftspan of Atomizer (h)			≥5000	
		Recommended Disinfectant			Hypochlorous Acid	
		Water Type Requirement			Tap Water/Distilled Water	
Maneuverability		Max. Moving Speed (m/s)	1.		1.	
		Max. Passable Obstacle Height (mm)	10.		10.	
		Max. Accessible Slope (°)	5.		5.	
		Min. Passable Width (mm)	900.		900.	
		Min. U-turn Width (mm)	1200.		1200.	
		Min. Cleaning Distance to Edge (mm)	50-100		50-100	
Sensors		2D Lidar	Standard		Standard	
		Topview ToF Camera	Standard		Standard	
		Topview Lidar	Optional		Optional	
		Front 3D Camera	Standard		Standard	
		Front Oblique 3D Camera	Standard		Standard	
		Left 3D Camera	Standard		Standard	
		Right 3D Camera	Standard		Standard	
		Rear 3D Camera	Standard		Standard	
		Front RGB Camera	Optional		Optional	
		Air-pressure Collision Sensor	4 Sets		4 Sets	
		RFID Sensor	Optional		Optional	
Electrical Spec		Rated Voltage	24V DC		24V DC	
		Max. Output Power (W)	1200.		1200.	
		Rated Drive Motor Power (W)	2*300		2*300	
		Battery Type	Lithium Iron Phosphate		Lithium Iron Phosphate	
		Battery Capacity (Ah)	60Ah Standard		60Ah Standard	
		Max. Operation time (h)	≈3~8 (3h for Scrubbing, 8h for Mopping)	≈3~6 (3h for Scrubbing, 6h for Mopping)	≈3~8 (3h for Scrubbing, 8h for Mopping)	≈3~6 (3h for Scrubbing, 6h for Mopping)
		Charging Time (h)	≈ 2h (60Ah)		≈ 2h (60Ah)	
		Others		Handle	Fixed	
Pedal	Standard			Standard		
Drainage	Manual/Auto			Manual/Auto		
HMI(Touchable Screen)	10.1" Tablet			10.1" Tablet		
Peripherals		Charger	Standard		Standard	
		Charging Dock	Optional		Optional	
		Work Station	Optional		Optional	