

General Product Information		Product Name	Scrubber 50 Pro	
		Brand	Gausium Robotics	
		Model	SC50 Pro	
		Hardware version	4.1	
		Brush Type	Disk Brush	Roller Brush
		Size (mm)	810*700*1070	
		Weight (kg)	147 (60Ah battery)	128 (60Ah battery)
General	Cleaning Width (mm)	460	760 (including side brushes)	
	Max. Theoretical Cleaning Efficiency (m ² /h)	1620	1490 (roller brush only) 2527 (roller + side brush)	
Cleaning	Scrubbing	Disk Brush	2*Height Adjustable	/
		Disc Brush Diameter (mm)	230	/
		Bristle Material	PP	/
		Bristle Diameter (mm)	0.35	/
		Pad Holder Diameter (mm)	230	/
		Cleaning Pad	White/Red/Black Optional	/
		Max. Disc Brush pressure (kg)	25	/
		Disc Brush Motor Speed (rpm)	270	/
		Disc Brush Motor Power (W)	2*150	/
		Roller Brush	/	2*Height Adjustable
		Roller Brush Dimension (mm)	/	ø72*406
		Bristle Material	/	PP
		Bristle Diameter (mm)	/	0.4
		Brush pressure	/	18
		Roller Brush Cleaning Width (mm)	/	406
		Roller Brush Motor Speed (RPM)	/	1000
		Rated Roller Brush Motor Power (W)	/	2*150
		Side brush	/	2* Height adjustable
		Side brush size (diameter, mm)	/	310
		Side brush motor RPM (r/min)	/	80
		Rated side brush motor power (W)	/	2*48
		Rated Suction Motor Power (W)	560	
		Clean/Recovery Water Tank Capacity (L)	30/24	
		Water Recycling System	3 Stages	
		Water Filtration Grade	50 ~ 100 Micron	
		Squeegee	Height Adjustable	
		Squeegee Material	Natural Rubber	
		Squeegee Cleaning Width	700	
		Max. Suction Air Flow (m ³ /min)	2	
		Max. Vacuum Pressure (kpa)	18	
Max. Water Spray Volume (L/min)	L0.6/M0.9/H1.5			
Waste Water Recycling Rate	80%			
Sweeping	Max. Cleanable Debris Size (mm)	/	ø8*20	
	Max. Cleanable Debris Weight (g)	/	5	
	Cleanable / Uncleanable debris type	/	Cleanable: toothpick / cigarette butt. Uncleanable: fresh food / business	

		Debris Tray (L)	/	2*0.6
	Mopping	Mopping Pad	Standard	Standard (mopping pad or roller)
		Max/ Theoretical Efficiency (m ² /h) (in Mopping Mode)	2520	2736
		Sprayer Pack		
	Disinfection	Disinfectant Tank (L)	/	
		Max. Spraying Endurance (h)		
		Max. Spray Flow (L/h)		
		Atomization Type		
		Max. Spray Distance (m)		
		Nozzle		
Liftspan of Atomizer (h)				
	Recommended Disinfectant			
	Water Type Requirement			
Maneuverability	Max. Moving Speed (m/s)	0.9		
	Max. Passable Obstacle Height (mm)	10		
	Max. Accessible Slope (°)	4.6 (=8%)		
	Min. Passable Width (mm)	900		
	Min. U-turn Width (mm)	1200		
	Min. Cleaning Distance to Edge (mm)	Robot body to the wall: 40	Robot body to the wall (without side brush): 40	
Sensors	2D Lidar	Standard		
	Top ToF Camera	/		
	Front head-up depth Camera	Yes		
	Front downward depth Camera	Yes		
	Front downward RGB camera	Yes		
	Left depth Camera	Yes (facing upwards from bottom)		
	Right depth Camera	Yes (facing upwards from bottom)		
	Rear head-up depth Camera	No		
	Rear head-up line LiDAR	Yes		
	Air-pressure Collision Sensor	4 Sets		
RFID Sensor	Optional			
Electrical Spec	Rated Voltage	24V DC		
	Max. Output Power (W)	1200		
	Rated Drive Motor Power (W)	2*300		
	Battery Type	Lithium Iron Phosphate		
	Battery Capacity (Ah)	60Ah Standard		
	Max. Operation time (h)	3h for Scrubbing 8h for Mopping	3h for Scrubbing 6h for Mopping	
Charging Time (h)	≈ 2h (60Ah)			
Others	Handle	Fixed		
	Pedal	Standard		
	Drainage	Manual/Auto		
	HMI(Touchable Screen)	10.1" Tablet		
Peripherals	Charger	Standard		
	Charging Dock	Optional		
	Work Station	Optional		

Contents in yellow cells indicate differences between V3.7 and V4.1