



Gausium Product Catalogue



Redefining Service by Technology

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About Gausium

Gausium (alias "Gaussian Robotics") is a leading smart solutions provider of service robots. It designs, develops and manufactures autonomous cleaning and indoor delivery robots with AI-based autonomous navigation and automation technologies.

Founded in 2013 out of a passion for autonomous driving, Gausium Robotics built its class-leading autonomous navigation based on advanced SLAM technology and integrated it into cleaning machines in 2017. Gausium has since committed to providing total solutions of autonomous floor cleaning to meet different application requirements of various industries and scenarios.



50⁺
countries

400M^{km}
kilometer cleaning track

200⁺
patents

3,000⁺
customers

Gausium sets the industry benchmark with currently the world's most comprehensive commercial cleaning robot portfolio covering the functions of scrubbing, vacuuming, sweeping, dust mopping, degreasing, sanitizing, etc.

With a leading market share, the Gausium cleaning robots have been deployed in over 40 countries across 6 continents, recognized by thousands of satisfied customers with millions of autonomous operational hours accrued and billions of square meters covered.

Milestones



Leader in Robotic Cleaning Solutions

01. Cutting-Edge Productivity



02. Smart Avoidance



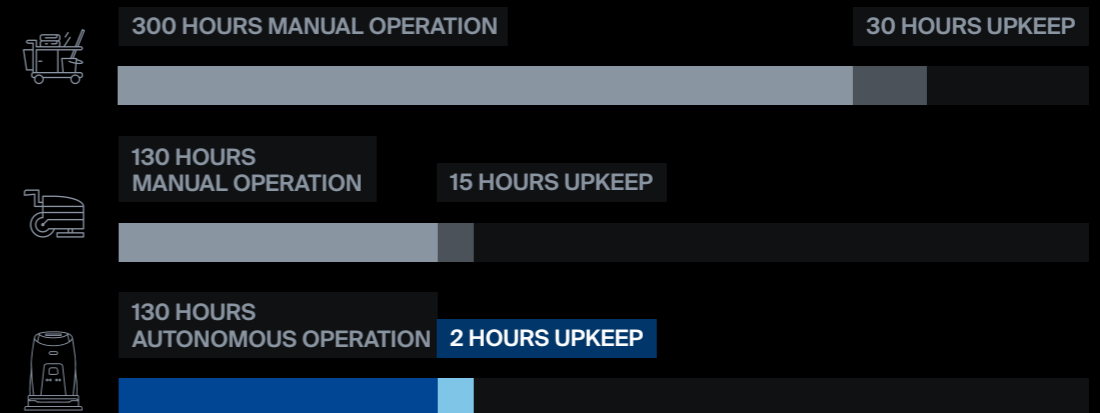
AVOIDS OBSTACLES AND CONTINUES CLEANING



REPLANS THE PATH WHEN BLOCKED BY OBSTACLES

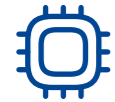
03. Gausium Robots Compared with Manual Cleaning & Manual Scrubber

To clean 5000 sqm daily for 1 month



- Autonomous operation (no man-hours required)
- Manual operation (man-hours required) operation (no man-hours required)
- Upkeep (man-hours required)

Gausium Full Stack Technology



Algorithm

- Visual-LiDAR SLAM
- Environmental Perception
- Flexible Path Planning
- Smart Avoidance



Cloud Platform

- Statistics
- OTA Upgrade
- Remote Control
- Task Scheduling



Application

- All-embracing Cleaning Operations
- IoT Integration
- Docking Stations

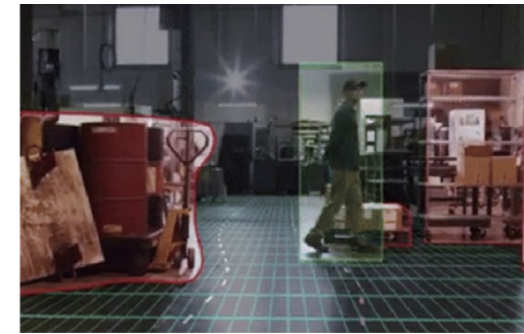


Data

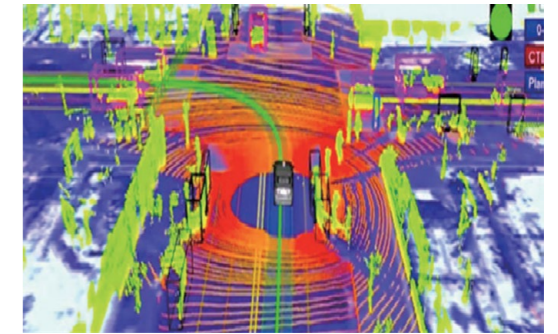
- Digital Management
- Predictive Maintenance
- Simulation

Easy to Use

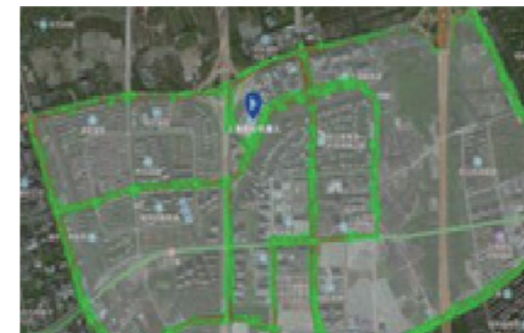
Our technology allows the operator to operate the robot with minimal training. As a reliable co-worker, Gausium robots have all the features you would expect from an autonomous robot.



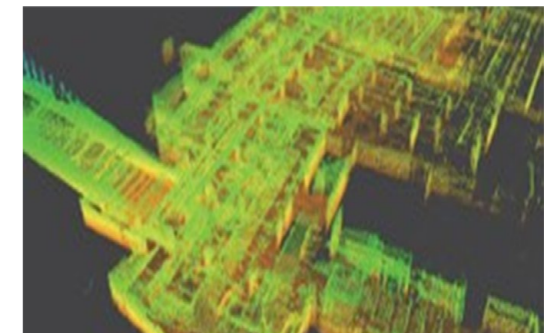
ENVIRONMENTAL PERCEPTION



DYNAMIC MAPPING



UNLIMITED MAPPING



3D MAPPING

- Only 30 minutes to map 3000 sqm (32,292 sq.ft)
- Maximum mapping of 1 million sqm (10.8 million sq.ft)

Revolutionary SLAM and Perception

SLAM in the past mainly worked on mapping and positioning, but now Gausium utilizes Machine Vision to extract semantic information, upgrading data association from traditional pixel-level to object-character level.

Semantic SLAM advances the applicability of SLAM technology in environment perception, navigation and path planning, enables robot to perceive the surroundings with significantly higher precision, smarter obstacle detection and avoidance capability in complex or dynamic environment.

Gausium Operation System

Easy Deployment

Mapping, editing and task creating can be done by the operator on the robot without external assistance. Deployment of a Gausium robot requires less than 1 hour at a 3000 sqm (32,292 sq.ft) site.

Natural Navigation

Gausium robots performs robustly in complicated environments. No extra assistance is needed for guiding or positioning.

Real-Time Auto Cover

Gausium robots dynamically maps and plans cleaning paths to maximize cleaning coverages in a changing environment.

Flexible Task Combination

Gausium robots uses multiple methods to create cleaning paths: Teach & Follow, Sketch, and Real-time Auto Cover. Cleaning tasks can combine unlimited paths flexibly to achieve the best results in complicated environments.

Smart Avoidance

Safety is our first priority. State-of-art AI perception technology can detect moving and static obstacles from 2cm (0.8 in) wide and 6cm (2.4 in) tall.

Recovery

Gausium robots can resume previous unfinished task after interruption.



Commercial Environments

- ▀ Shopping malls
- ▀ Supermarkets
- ▀ Office buildings
- ▀ Hotels



Institutional Environments

- ▀ Transportation
- ▀ Hospitals
- ▀ Schools
- ▀ Public service facilities



Industrial Environments

- ▀ Logistics
- ▀ Warehousing
- ▀ Manufacturing plants





Phantas

Product Specifications

Length	540 mm 21.3 in
Width	440 mm 17.3 in
Height	617 mm 24.3 in
Net Weight	48 kg 106 lb
Vacuuming/Sweeping Width	410 mm 16.2 in
Scrubbing Width	330 mm 13 in
Cleaning Efficiency	400 - 700 m ² /h 4,305 - 7,534 ft ² /h
Water Tank Capacity	> 1000 m ² 10,763 ft ² coverage
Dust Bag	Holds 3-7 days' dust
Trash Can	0.7 L 0.2 gal
Gradeability	8°
Max.Cleaning Speed	0.8 m/s 1.8 mph
Min.Passable Width	600 mm (550 mm*) 23.6 in (21.7 in*)
Min.Passable Height	650 mm 25.6 in
Min.Turn-around Width	700 mm (650 mm*) 27.6 in (25.6 in*)
Min.Height of Detected Obstacles	20 mm 0.8 in
Edge Cleaning Capability	0 mm
Runtime	Scrubbing 4.5h, Vacuuming 4.5h Sweeping 18h, Dust Mopping 10h
Charging Time	2 hours
Sound	< 65 dB
Sensor System	LiDARs, 3D Depth Cameras, RGB Camera Anti-drop Sensor, Anti-collision sensor

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

* Available via OTA upgrade in 2023

➔ All-in-one Floor Cleaning

Integrates vacuuming, scrubbing, sweeping, dust mopping

🚶 Strong Passability

Effortlessly passes through and cleans narrow aisles and under-table areas

📏 Zero Distance from Edge

Able to clean along the edges zero-distance-close, leaving the edges spot-free

🎯 Auto Spot Cleaning*

Autonomously performs spot cleaning where waste is detected, bringing up to 4X efficiency improvement

🔍 Floor Type Recognition

Identifies flooring types and automatically adjusts brush height to protect flooring materials*

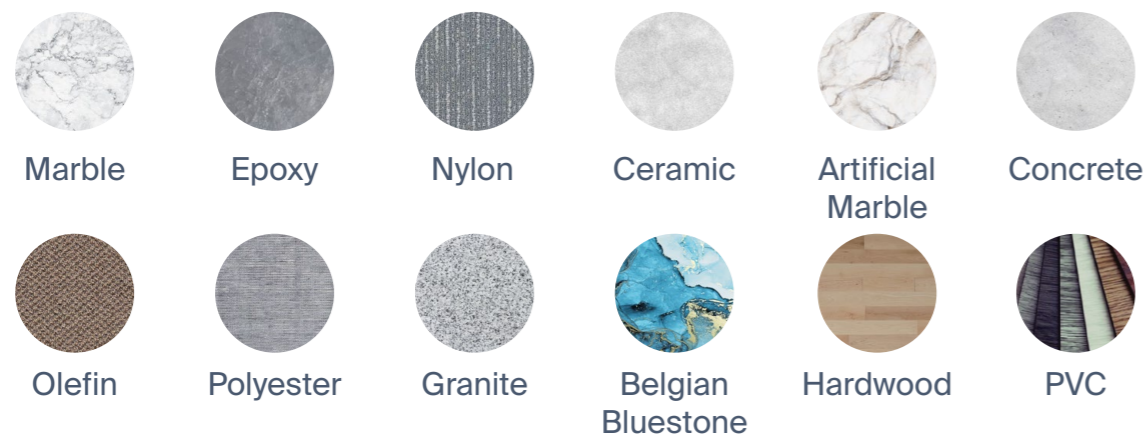
🧠 IoT Integration*

Able to autonomously call and take elevators without human assistance

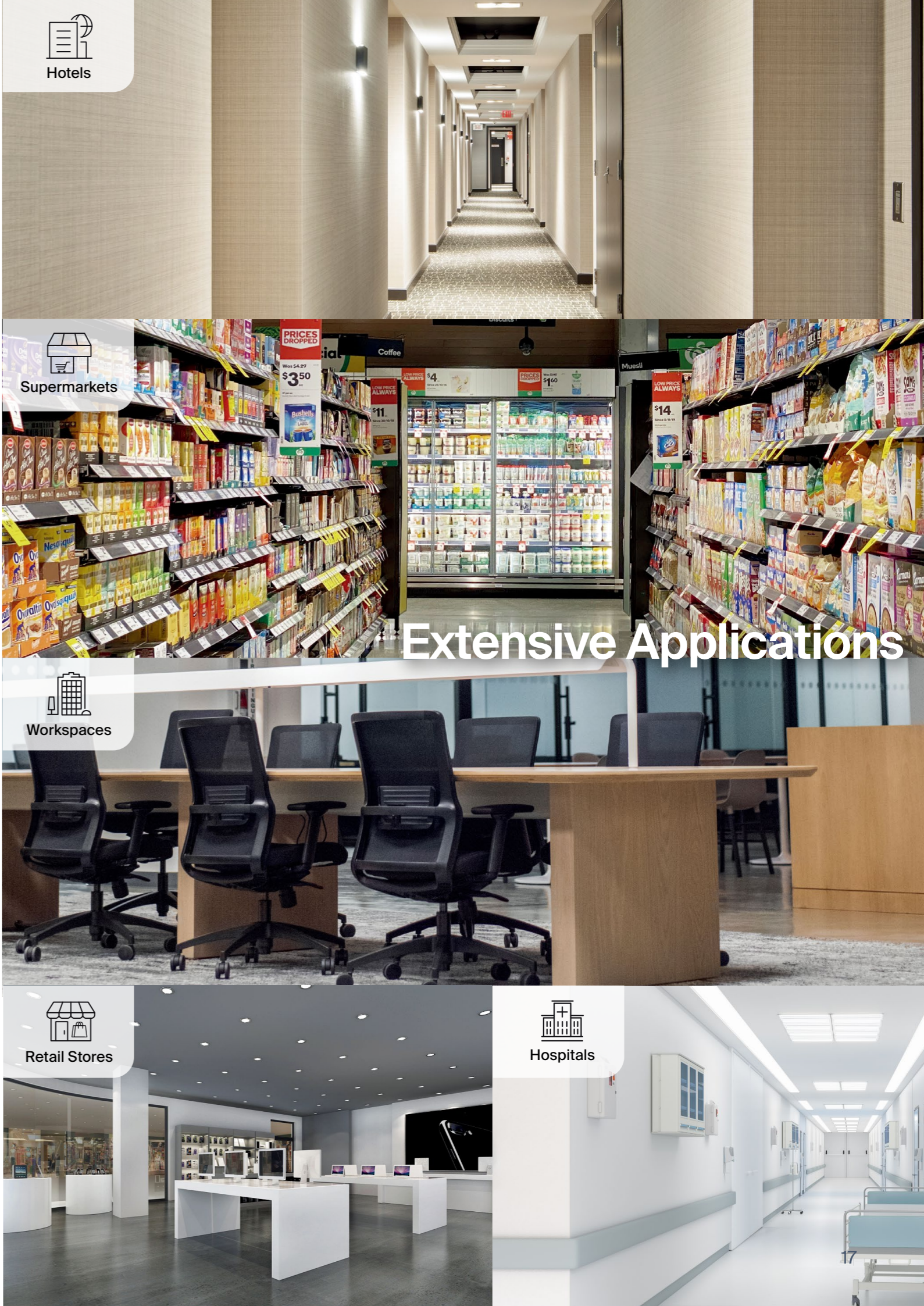
A Comprehensive Cleaning Solution for Small-medium Facilities

Applicable environments and flooring types

Hotels | Supermarkets | Workspaces | Retail Stores | Hospitals | etc.



* Available via OTA upgrade in 2023
* The practicality of the solution is subject to the elevator supplier.



Hotels

Supermarkets

Workspaces

Retail Stores

Hospitals

Extensive Applications



Optional
Diffuser Kit



Vacuum 40 / 40 Diffuser

Product Specifications

Feature	Vacuum, Sweep, Dust Mop Purifying & Humidifying, Scenting (Optional)
Size (without Diffuser Kit)	L790*W730*H900 mm L31*W29*H35 in
Unladen Weight (without Diffuser Kit)	93 kg 205 lb
Cleaning Width (with Side Brushes)	720 mm 28 in
Max. Productivity	1,200 m ² /h 12,916 ft ² /h
Max. Air Flow Volume	2.0 m ³ /min
Dust Bag	12 L 3 gal
Trash Tray	2.5 L 0.6 gal
Max. Vacuum Pressure	24 kpa 3.4 psi
Max. Gradeability (Auto Cleaning / Auto Driving)	4° / 8°
Max. Moving Speed	1 m/s 2.2 mph
Min. Distance from Wall	0 - 20 mm 0 - 0.7 in
Min. Passable Width	870 mm 34 in
Min. Turn - around Width	1,100 mm 43in
Battery Type	Lithium Iron Phosphate
Battery Capacity	60 Ah
Rated Voltage	24V DC
Max. Output power	1,000 w 1.34 hp
Charging Time	≈ 2 hours
Uptime	≈ 3 - 18 hours
Sensor System	LiDAR, 3D Depth Camera, Anti-drop Sensor, Air Pressure Collision Sensor
Diffuser Kit	Purifying & Humidifying / Scenting
Atomization Type	Ultrasonic / Air Comperssor Pump
Container Capacity	4 L 1.06 gal / 500 ml 0.13 gal
Max. Atomization	1.1 L/h 0.29 gal/h / 6 ml/h 0.002 gal/h
Recommended	Distilled water, etc. / Essential Oils

Note : Derived from Gausium's test results; actual performance data may vary in specific applications.

➔ 3 in 1 Cleaning

Integrating vacuuming, sweeping, dust mopping

🌀 Adaptability

Working perfectly on varying flooring types, be it a hard surface, a low pile carpet or a high pile carpet

📐 Zero Distance from Edge

Able to clean along the edges zero-distance-close with side brushes and high-precision sensors

🌀 H13 HEPA Filter

Medical-grade air purifying capability

🌀 24 KPA Powerful Suction

Strong suction performance – effortlessly picking up fine dust and debris

💎 Multi-purpose Diffuser Kit

Optional diffuser kit for purifying & humidifying or aroma diffusion

Superb performance in a broad range of applications:

Hotels | Office buildings | Hospitals | Schools | SME markets
Pavilions | etc.



High Pile Carpet



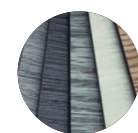
Low Pile Carpet



Natural Stone



Artificial Marble / Granite



PVC & Vinyl



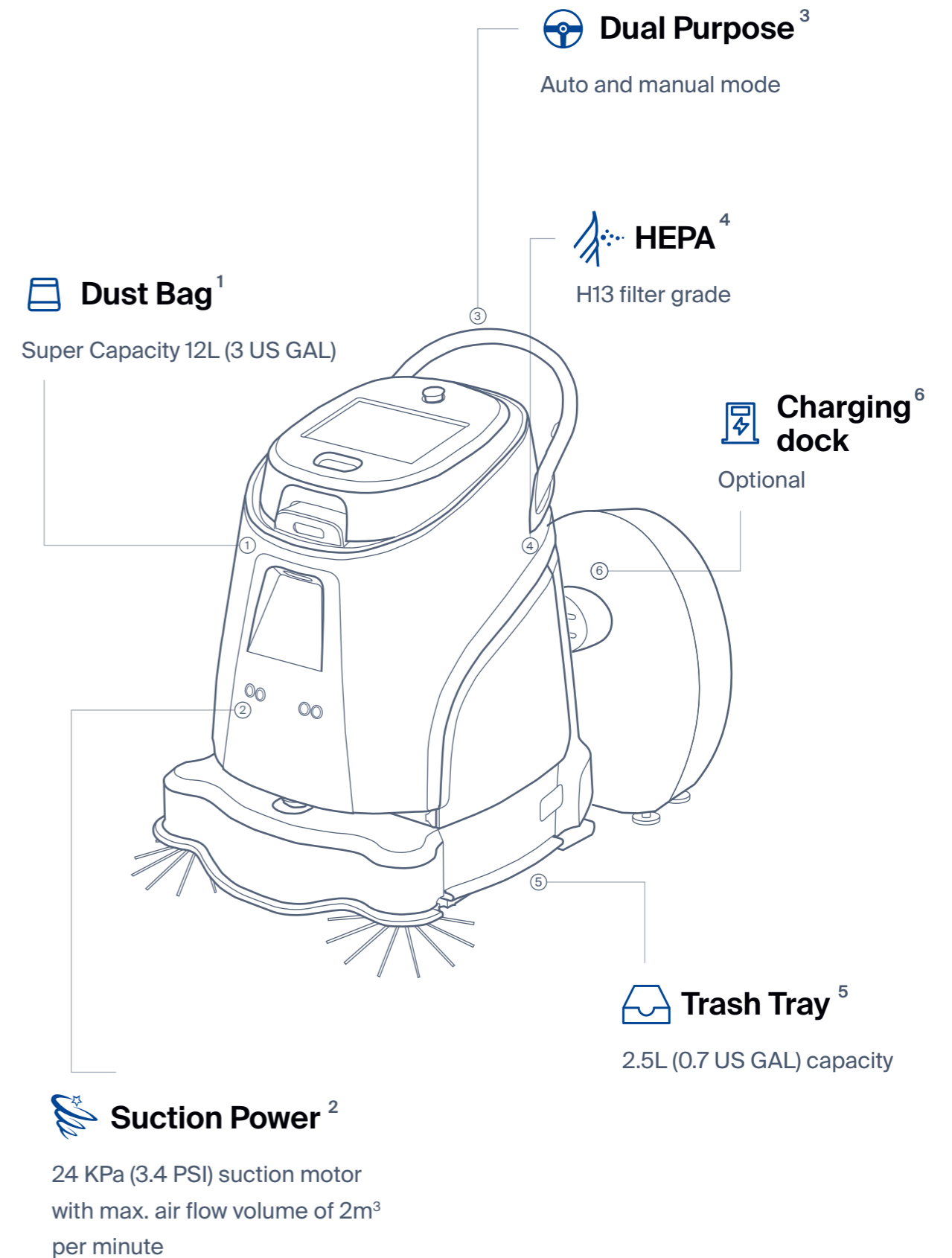
Epoxy



Ceramic



Hardwood





Scrubber 50 Pro

Product Specifications

Feature	Scrub, Sweep, Mop
Size (disc brush / roller brush)	L810*W700*H1,070 mm L31.9*W27*H42.1 in
Unladen Weight (disc brush / roller brush)	148 kg 326.3 lb / 129 kg 284.4 lb
Cleaning Width (disc brush)	460 mm 18.1 in
Cleaning Width (roller brush)	460 mm 16 in
Cleaning Width (roller brush) (with side brushes)	780 mm 30.7 in
Max. Theoretical Productivity (disc brush)	1,490 m ² /h 16,038 ft ² /h
Max. Theoretical Productivity (roller brush)	1,315 m ² /h 14,154 ft ² /h
Max. Theoretical Productivity (roller brush) (with side brushes)	2,527 m ² /h 27,200 ft ² /h
Brush Pressure (disc brush / roller brush)	25 kg 55 lb / 18 kg 39.7 lb
Clean Water Tank	30 L 7.9 gal
Recovered Water Tank	24 L 6.3 gal
Trash Tray (roller brush)	2*0.6 L 2*0.16 gal
Gradeability	4.6°
Max. Moving Speed	0.9 m/s 2 mph
Min. Distance from Wall (disc brush / roller brush)	40 mm 1.6 in
Min. Distance from Wall (disc brush / roller brush) (with side brushes)	0 mm 0 in
Min. Passable Width	900 mm 35.4 in
Min. Turn-around Width	1,200 mm 47 in
Battery Type	Lithium Iron Phosphate
Battery Capacity	60 Ah
Rated Voltage	24 VDC
Charging Time	≈ 2.0 hours
Uptime (disc brush / roller brush)	≈ 3-8 hours ≈ 3-6 hours
Sensor System	2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

➔ 3 in 1

Integrating scrubbing, sweeping, dust mopping

💧 5-stage Filtration System

Recycling water and reducing ~80% of freshwater consumption

🏠 Minimal Human Intervention

Optional workstation for selfdocking power charging, water refill and discharge

📏 Superb Productivity

Up to 1,490 m²/h cleaning efficiency with disc brush and 2,527 m²/h with roller brush¹

👤 Ergonomic Manual Mode

Easy manual operation - effortlessly walking and steering the machine with the ergonomic handle

🎯 Auto Spot Cleaning²

Scanning the cleanliness of the nearby floor and autonomously performing spot cleaning where waste or stains are detected, bringing up to 4X efficiency improvement

Superb performance in a broad range of applications:

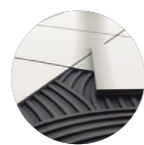
Shopping centers | Supermarkets | Transportation hubs
Office buildings | Hotels | Hospitals | Schools | Sports hall | etc.



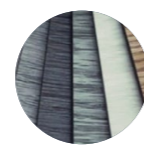
Natural Stone



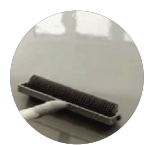
Artificial Marble / Granite



Ceramic



PVC & Vinyl



Epoxy



Concrete

¹. Roller brush version with side brushes
². Available via OTA upgrade in 2023

🚗 Dual Purpose³

Auto and manual mode

📡 Multiple Sensors¹

Long-range lidar, visual sensor, and passive collision sensors are all fused together to empower the robot to detect various obstacles from all directions

🏠 Work station⁴

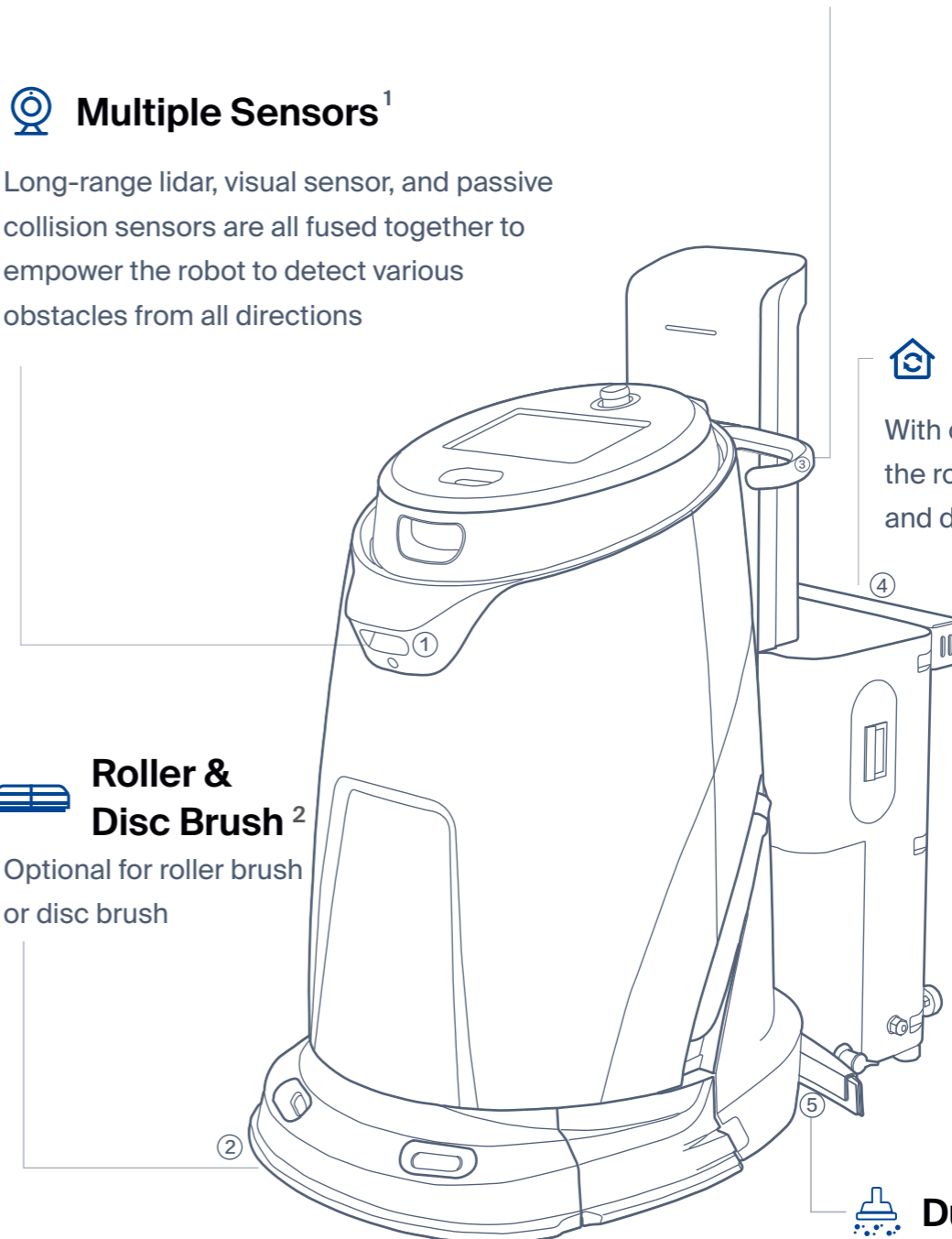
With optional work station the robot can charge, refill and drain itself autonomously

🌀 Roller & Disc Brush²

Optional for roller brush or disc brush

🧹 Dust mop⁵

Dust mopping function is available



Scrubber 75

Product Specifications

Feature	Scrub, Sweep, Mop, Degrease
Size	L1370*W962*H1,417 mm L54*W38*H56 in
Unladen Weight	400 kg 880 lb
Cleaning Width	750 mm 30 in
Theoretical Max. Cleaning Productivity	3,000 m ² /h 32,292 ft ² /h
Max. Output power	2,000 w 2.7 hp
Max. Gradeability (Auto Cleaning)	5°
Max. Moving Speed	1.1 m/s 2.5 mph
Max. Passable Obstacle Height	10 mm 0.4 in
Disc Brush	3*254 mm 3*10 in
Roller Brush (optional)	2*ø100*370 mm 3.9*14.5 in
Clean / Dirty Water Tank	75/50 L 20/13 gal
Sensor System	3D LIDAR, 2D LIDAR, 3D Camera Air Pressure Collision Sensor Millimeter-wave Radar (75 P)
Max. Endurance	≈4 ~ 6 h

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.



➔ Superb Productivity

- Integrating scrubbing, sweeping, dust mopping and degreasing
- Up to 3,000 m²/h cleaning efficiency

≡ Ergonomic Manual Mode

Equipped with stand-on pedal and steering wheel for users to effortlessly carry the machine around

💡 Advanced lighting system (75 P)

Adopting flashing light, blue projection light and supplement light, distinctively communicating the machine position through vehicle-identifiable signals

🌿 Oil Stain Cleaning

Able to mark oil stains in the map and perform thorough oil cleaning

💧 5-Stage Filtration System

Reducing around 80% freshwater consumption

🏠 Minimal Human Intervention

Optional workstation for self-docking charging, water refill and discharge

Superb performance in a broad range of applications:

Shopping centers | Supermarkets | Parking lots | Transportation Hubs
Manufacturing plants | Logistics warehouse | Plazas | etc.



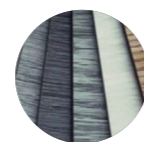
Natural Stone



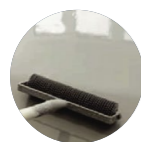
Artificial Marble / Granite



Ceramic



PVC & Vinyl



Epoxy



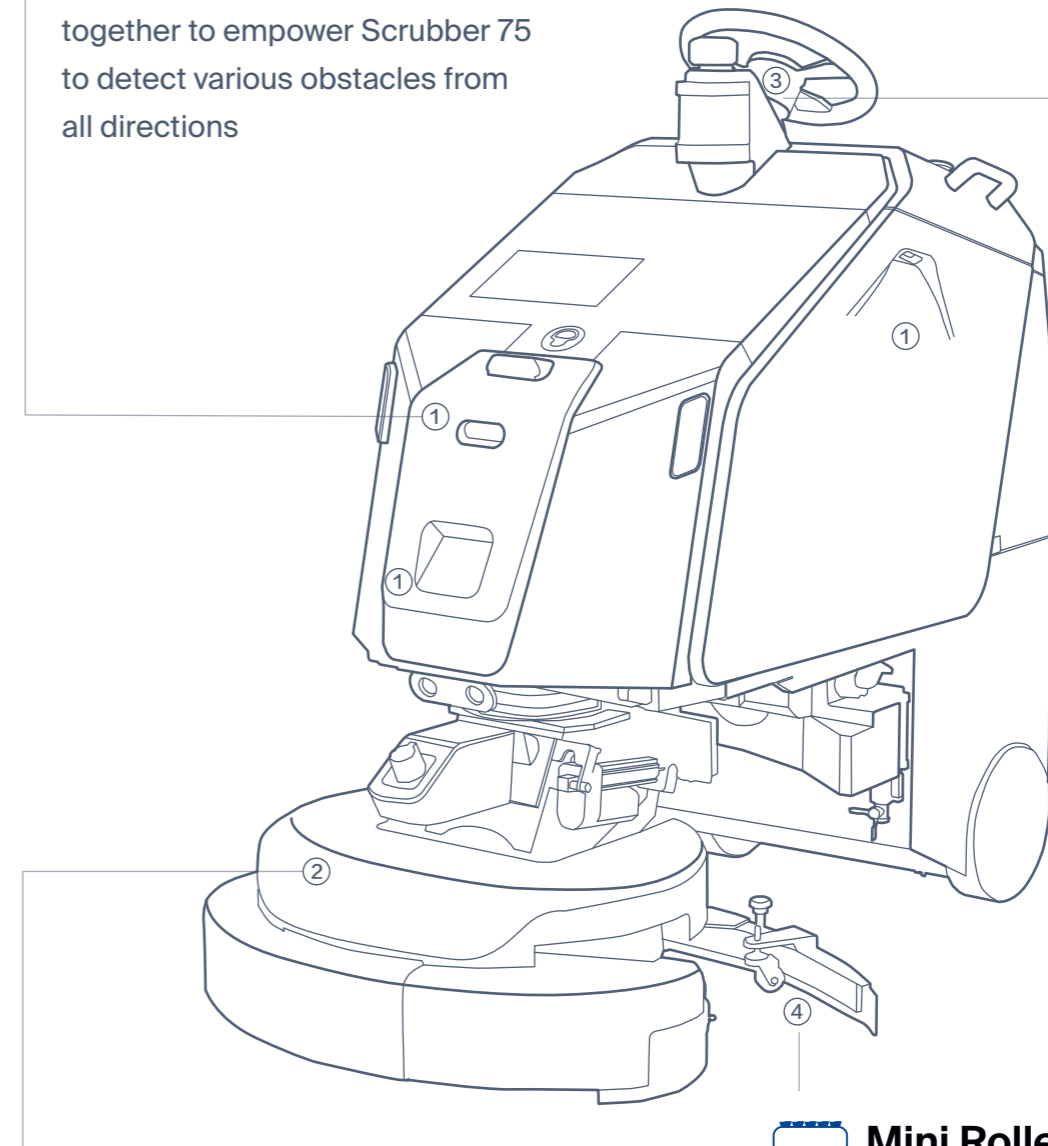
Concrete

📡 Multiple Sensors¹

3D lidar, 2D lidar, visual sensors, and passive collision sensors are all fused together to empower Scrubber 75 to detect various obstacles from all directions

🚘 Dual Purpose³

Auto and manual mode



🌀 Front Brush Head²

Front brush head rotate 270° with brush rotation speed at 270 rpm and scrubbing pressure 45kg (99 lb), leaving no area uncleaned

🌀 Mini Roller Brush⁴

For light sweeping



Sweeper 111

Product Specifications

Feature	Sweep
Size	L1530*W1,010*H1,400 mm L60*W40*H55 in
Unladen Weight	500 kg 1,100 lb
Cleaning Width	1,100 mm 43 in
Theoretical Max. Cleaning Productivity	5,500 m ² /h 59,200 ft ² /h
Max. Air Flow Volume	2 m ³ /min
Rated Voltage	24v dc
Max. Output Power	2,500 w 3.4 hp
Max. Moving Speed	1.2 m/s 2.7 mph
Max. Gradeability	11°
Max. Passable Obstacle Height	40 mm 1.6 in
Side Brush	Height Adjustable 2*ø400 mm 15.7 in
Roller Brush	Front Fixed + Rear Adjustable, 2*ø330*480 mm 13*19 in
Trash Box	60 L 16 gal
Max. Cleanable Trash Size and Weight	200*50*50 mm 8*2*2 in 250 g 0.55 lb
Sensor System	3D Lidar, 2D Lidar, 5*Depth Camera Air Pressure Bumper
Max. Endurance	≈4 h ~ 7 h

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

Auto Dumping

Moving to the dumping point and completing the dumping process independently

Ergonomic Manual Mode

Equipped with stand-on pedal and steering wheel for effortlessly carrying the machine around

Superb Productivity

Up to 5,500 m²/h cleaning efficiency with a large-capacity trash bin of 60L

Ultra-strong Absorption

Able to absorb trash of various shapes and sizes, including fine dust, sand, beverage bottles, milk cartons, cigarette butts, bamboo sticks etc.

360° Visibility

Market-leading 30+ sensors (including 3D LiDAR) placed all over the machine body, reacting to obstacles and environmental changes in real-time for all-round security

Auto Charging

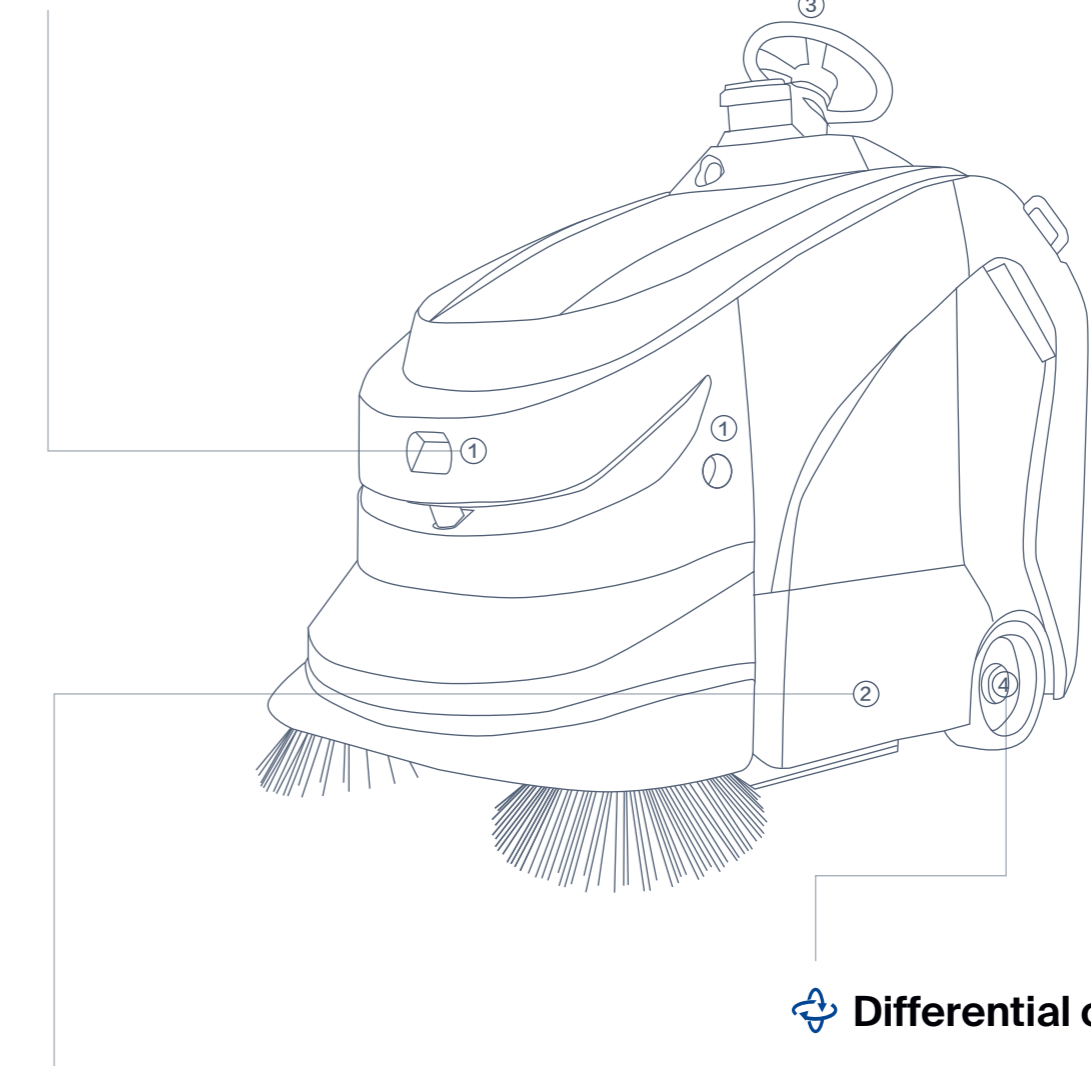
Optional charging dock for autonomous power charging

Multiple Sensors¹

Long-range lidar, visual sensor, and passive collision sensors are all fused together to empower Sweeper 111 to detect various obstacles from all directions

Dual Purpose³

Auto and manual mode



Climbing ability²

Climbs up to 11 degrees

Differential chassis⁴

Flexible steering gear free to move in and out

Superb performance in a broad range of applications:

Manufacturing plants | Logistics warehouses | Schoolyards
Plazas | Scenic area | Streets | etc



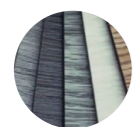
Concrete



Bituminous Road



Rubble Road



PVC & Vinyl



Epoxy



Delivery X1 / X1 Pro

Product Specifications

Feature	Indoor Delivery
Size (X1 / X1 Pro)	L515*W523*H1,286 mm L20.3*W20.6*H50.6 in L515*W531*H1,310 mm L20.3*W20.9*H51.6 in
Unladen Weight (X1 / X1 Pro)	35 kg 77 lb (X1) 38 kg 84 lb (X1 Pro)
Tray Dimension (X1 / X1 Pro)	400*502 mm 15.7*19.8 in (X1) 397*495 mm 15.6*19.5 in (X1 Pro)
Load Capacity	10 kg*3 22 lb*3
Tray Features	Weight Sensor and LED Indicator Light
Network Standard	4G
Wifi	2.4 GHz
Screen Size (X1 / X1 Pro)	7 / 10 in
Max. Travel Speed	1.2 m/s 2.7 mph
Max. Climbing Degree	5°
Min. Passage Width	65 cm 25.6 in
Min. Turning Diameter	70 cm 27.6 in
Braking Distance	5 cm 1.97 in
Battery Capacity	20 Ah
Rated Voltage	29.4 V
MAX. Output Power	230 W 0.3 hp
Uptime	14-20 H
Charging Time	4.5 H
Sensor System	Lidar, Depth camera, Bumper weight sensor for tray (X1 Pro)

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

Marker-less Deployment

Easy set-up without scanning QR location code, saving 75% deployment time while protecting interior design of the site

Industry-leading Shock Mitigation

Adopting automotive-level independent suspension chassis to ensure the best shock mitigation effect for a stable, spill-proof delivery process

High Performance Battery

Adopting lithium phosphate battery— higher thermal stability and 6X longer endurance than common ternary lithium batteries

Smart Trays (X1 Pro)

Equipped with weight sensors and LED indicator lights, signaling the load status and automatically leaving after the load is emptied

Navigating Narrow Aisles

Effortlessly passing through aisles as narrow as 65cm supported by high-precision sensors

Multi-robot Collaboration

Able to realize intercommunication between robots to work collaboratively in large sites

Making Indoor Delivery Safer and Easier Applicable environments

Restaurants | Cafes | Hotels | Hospitals | Office

Human Detection and Interaction (Optional)¹

AI front camera for human detection - X1 Pro will proactively interact with people to help attract more traffic to your business

TOF Camera²

Processing high definition depth image data for high-precision positioning

dTOF LiDAR³

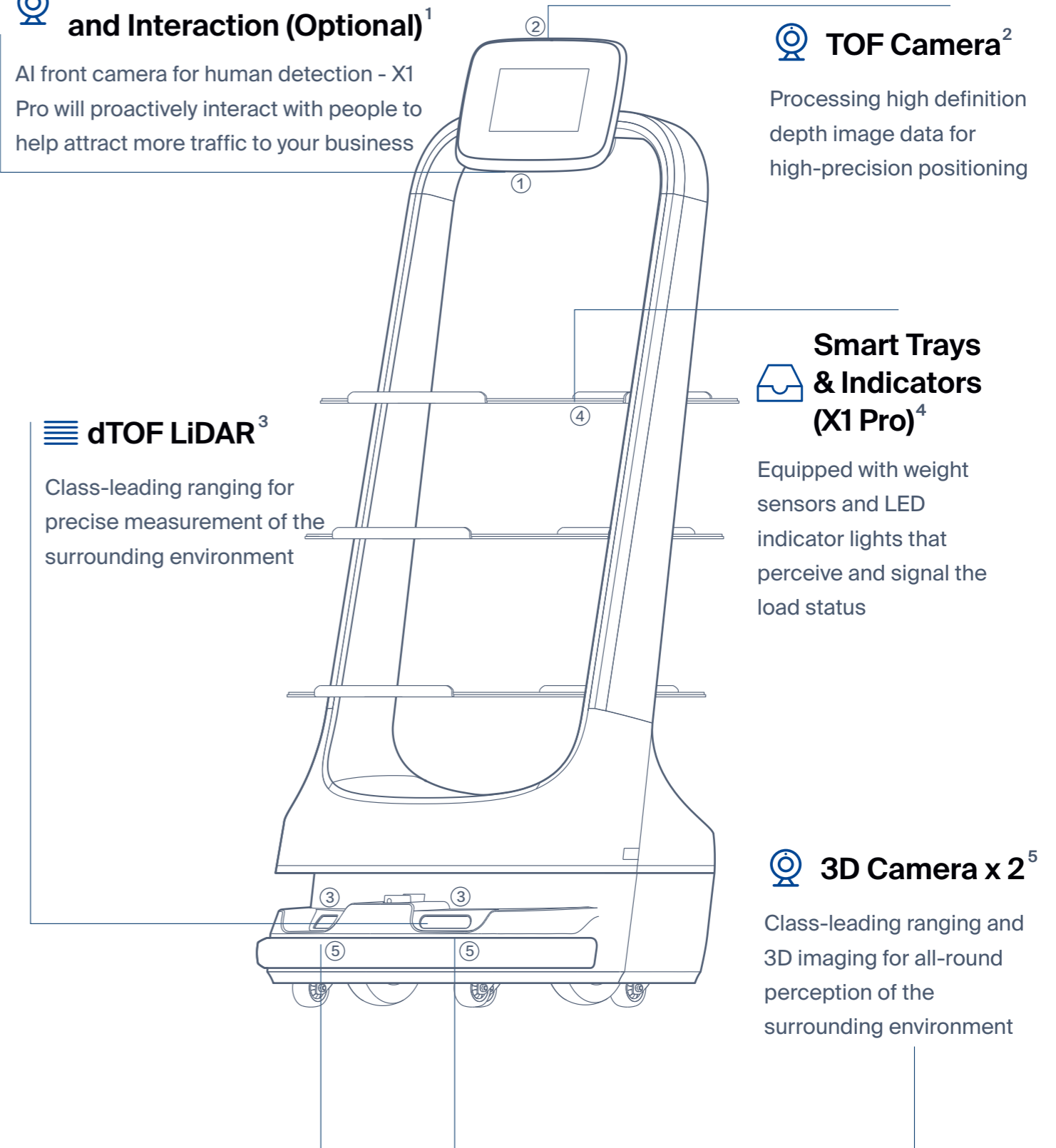
Class-leading ranging for precise measurement of the surrounding environment

Smart Trays & Indicators (X1 Pro)⁴

Equipped with weight sensors and LED indicator lights that perceive and signal the load status

3D Camera x 2⁵

Class-leading ranging and 3D imaging for all-round perception of the surrounding environment



Charging Dock

The charging docks have been designed to increase the robots' power endurance. They are available for Phantas, Vacuum 40, Scrubber 50 and Sweepr 111.

When battery is low, the robot can automatically return to the charging dock to recharge. When charging is complete, it can automatically resume its previous task.

Auto Charging



CD-01 (Gray)



CD-01 (White)



CD-04

Parameter

Dimension	L500*W400*H690 mm L19.7*W15.7*H27.2 in (cd-01) L345*W195*H689 mm L13.6*W7.7*H27.1 in (cd-04)
Maximum Power	900 W 1.2 HP (cd-01) 735 W 0.98 HP (cd-04)
Rated Voltage	85-264 V(cd-01) 100-240 V(cd-04)
Operating Temperature	-10 - 45 °C 14 - 113 °F (cd-01) 0 - 45 °C 32 - 113 °F (cd-04)
Operating Humidity	20% ~ 75% RH
Storage Temperature	-40 - 45 °C -40 - 113 °F (cd-01) -30 - 70 °C -22 - 158 °F (cd-04)
Storage Humidity	20% - 93% RH(cd-01) 20%~95% RH(cd-04)

Work Station

The work stations have been designed to increase the Gausium robots' endurance and are currently available for the Scrubber 50 and 75 series. The robot can return automatically to the work station for charging, filling and discharging.

The deployment of work stations minimizes manual intervention and enables the Gausium robots to provide truly intelligent floor cleaning services.

- Auto Filling
- Auto Charging
- Auto Discharging



WS-01*

WS-02

Parameter

Dimension	L450*W355*H1,390 mm L17.7*W14*H54.7 in (ws-01) L1,260*W643*H1,270 mm L49.6*W25.3*H50 in (ws-02)
Maximum Power	1000 W 1.34 HP (ws-01) 1200 W 1.6 HP (ws-02)
Rated Voltage	85 - 264 V (ws-01) 100 - 240 V (ws-02)
Operating Temperature	-10 - 45 °C 14 - 113 °F (ws-01) 0 - 45 °C 32 - 113 °F (ws-02)
Operating Humidity	20% ~ 75% RH
Storage Temperature	-40 - 45 °C -40 - 113 °F (ws-01) -20 - 45 °C -4 - 113 °F (ws-02)
Storage Humidity	20% ~ 93% RH (ws-01) 20% ~ 93% RH (ws-02)

Note: Derived from Gausium's test results; actual performance data may vary in specific applications. *The picture is for reference only, the product appearance is subject to change in version updates.

Global Reach



Support for
**best uptime
and productivity**

200⁺ highly skilled technicians trained and certified by Gausium

24^H 24/7 constant and proactive response time anywhere in the world

 All-inclusive maintenance and repairs

Awards

Industry Awards



**Sanitary Maintenance
Distributor Choice Award 2023**
“Technology & Innovation”
Phantas



ISSA Innovation Awards 2022
“Innovation of the Year”
Phantas



European Cleaning & Hygiene Awards 2022
“Technological Innovation of the Year”
Scrubber 50 Pro



Amsterdam Innovation Award 2022
“Smart Technologies & Digitalisation”
Scrubber 50 Pro



INCLEAN Excellence Awards
Top 1 Oceanian commercial
cleaning industry award
Scrubber 50 Pro

Design Awards



IF Design Award 2023
Phantas



German Design Award Winner 2023
Phantas



reddot winner 2022
Red Dot Design Award 2022
Phantas & Delivery X1



A' Design Award 2022
Phantas & Delivery X1



Golden Pin Design Award
Phantas

Media Reports



Customer Testimonial

The cleaning service partners operating the Gausium robot at the airport generally find it safe, easy and efficient to use it. The robot's adoption and awareness of its capabilities by the cleaning team and leveraging on its technology for its daily cleaning operations is increasingly improving.

– **Jerome Francis**
Changi Airport Operations Management (Singapore)

Our train presentation and station cleaning teams have been working tirelessly throughout the pandemic and the new Eco Bot (Scrubber 50) will help free up a lot of time, so colleagues can focus on additional sanitisation.

– **Simone Bailey** Greater Anglia (UK)

The robot takes a lot of time off our work in the area, which we can put into more elaborate handicrafts. We have tested it intensively here and are sure that it will soon support us permanently in our day-to-day business.

– **Georgios Sarantos**
Dussmann Service (Germany)

Continuing to implement our innovative cleaning solutions with these robotic floor scrubbers and driers... There's a reason we're one of the UK's leading cleaning service providers.

– **Mitie Cleaning Services** (UK)

Our robots work 24 hours a day without compromising the efficiency. So, we provide a cleaner service with a unique quality and comfort level for our customers.

– **Seris Konsalnet** (Poland)

With this technological robot, it renews itself day by day. It has systems that can take the elevator. Scrubber 50, a small one of which can take the elevator, charge itself, fill and empty its own water...If it sees a living thing, it changes its path. You can manage it via the panel, web or mobile. You have the cleaning done over and over again by using the remote panel without being there.

– **Nazlı Uzunlar UFS Facility Services** (Turkey)

Providing Global Users With Excellent Services

Deployed in more than 2000 commercial, institutional and industrial facilities around the globe



Transportation & Industry

- London Luton Airport, UK
- Helsinki Port Terminal, Finland
- Abu Dhabi Airport, UAE
- Melbourne Airport, Australia
- French National Railways SNCF Factory

Shopping Mall & Supermarket

- Yakarine Ford Shopping Centre, Australia
- Auchan Supermarket, Portugal
- Krisma shopping mall, Finland
- Lotte Mart, Korea
- Central world shopping mall, Thailand
- M&S Mall, Manchester, UK



Hospital & Hotel

- BNH Hospital, Thailand
- SHARON Hospital, Tel Aviv, Israel
- Crowne Plaza, Singapore
- Sheraton Hotel, Qatar



School & Exhibition Hall & Park

- Sentosa Scenic Area, Singapore
- National University of Singapore
- University of Political Science and Law, Thailand
- National Gallery of Singapore
- University of Toronto, Canada



Key Accounts & Partners



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