



AUTONOMOUS SWEEPER · GAUSIUM

Beetle

Industrial autonomous sweeping robot
for large-scale environments

● CONSULTING FIRST. ROBOTS SECOND.

Autonomous sweeping & HEPA filtration

750mm cleaning width.
One autonomous device.



The Beetle is Gausium's industrial autonomous sweeping robot for large-scale environments. With 750mm cleaning width, 3D LiDAR navigation and HEPA H14 filtration, it autonomously cleans factories, warehouses and logistics centres, indoors and outdoors. **Industrial. Autonomous. Reliable.**



3D LiDAR navigation



AI Spot Cleaning



AutoPass technology



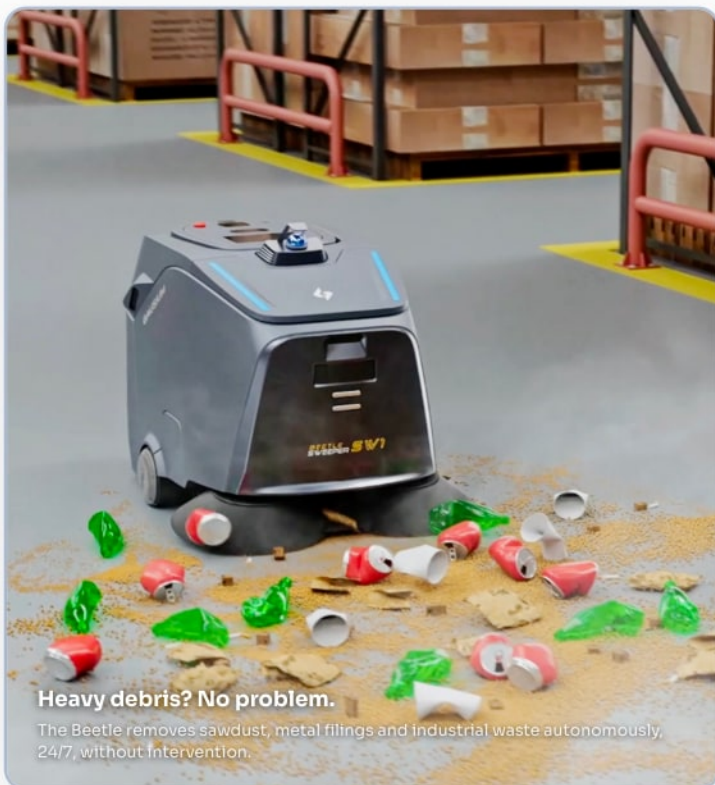
HEPA filtration



Zero-distance cleaning



Outdoors & indoors



Heavy debris? No problem.

The Beetle removes sawdust, metal filings and industrial waste autonomously, 24/7, without intervention.

OUR APPROACH

01

Proof of concept at your location

We prove the added value of the Beetle in your own environment, without risk and without commitment.

02

Autonomous cleaning

The robot starts at scheduled times, manages its own routes and adapts to obstacles in real-time, without intervention.

03

Live monitoring

Follow cleaning performance, robot status and reports live via the Gausium Cloud app, available anywhere at any time.

04

Payback period & ROI

Average payback within 2 to 3 years through staff savings and higher cleaning efficiency.



Factories & Production

Autonomously removes sawdust, metal filings and production waste, 24/7 operational without disrupting production.



Warehouses & Logistics

Proven at Coca-Cola CCEP Knetzgau: 2,000 m² warehouse cleaned autonomously, robots operate on weekends outside working hours.



Terraces & Campuses

IP-certified for outdoor use on terraces, car parks and campus areas. Resistant to wind, dust and precipitation.



Residential & Real Estate

Cleans lobbies, common areas and outdoor areas of residential projects, 24/7 and fully autonomous.

— DELIVERED BY ROBOCORPUS

Gausium Beetle

AUTONOMOUS INDUSTRIAL SWEEPER • 3D LIDAR • HEPA FILTRATION • INDOORS & OUTDOORS

750 mm
CLEANING WIDTH

>40K m²
PER NIGHT

HEPA
FILTRATION

AutoPass
TECHNOLOGY

CLEANING

Cleaning width	750 mm
Capacity/night	>40,000 m ²
Dustbin	45 litres
Edge cleaning	0 mm
Coverage area	Indoors / outdoors
Filtration	HEPA H14

AUTONOMY

Runtime	3–5 hrs
Charging time	< 2.5 hrs
Battery type	40–60 Ah LFP
BMS protection	Yes
Auto-dock	Yes
Night operation	Yes

DIMENSIONS

L × W × H (mm)	960×650×680
Weight	102 kg
Min. turning width	1,200 mm
Threshold clearance	30 mm
Gradient	8°
IP class	IPX4

SENSORS & CONNECTIVITY

LiDAR	3D LIDAR
Camera	RGB-D
Safety zone	< 4 mm
Connectivity	Wi-Fi / 4G
Cloud	Gausium Cloud
OTA updates	Yes

FLOOR TYPES



Concrete



Asphalt



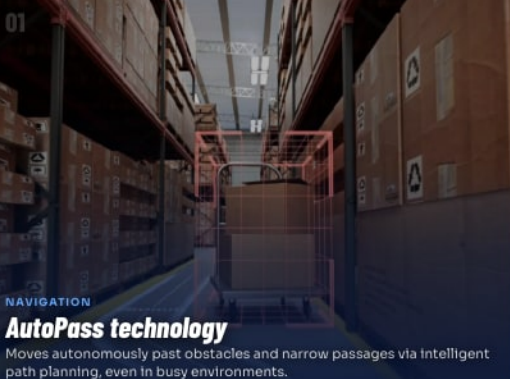
Cobblestone



PVC/Vinyl



Epoxy



NAVIGATION

AutoPass technology

Moves autonomously past obstacles and narrow passages via intelligent path planning, even in busy environments.



SENSING

3D LiDAR navigation

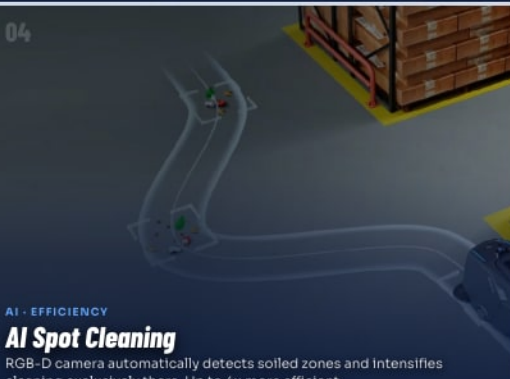
Precise 3D mapping and obstacle-free navigation in large-scale industrial spaces, indoors and outdoors.



AIR QUALITY

HEPA Filtration

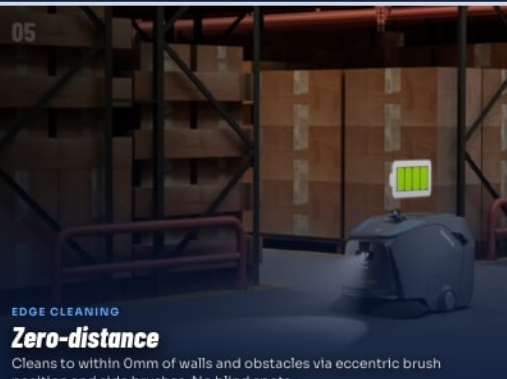
Captures 99.95% of fine dust and industrial particles. Ideal for production environments with dust emissions.



AI • EFFICIENCY

AI Spot Cleaning

RGB-D camera automatically detects soiled zones and intensifies cleaning exclusively there. Up to 4x more efficient.



EDGE CLEANING

Zero-distance

Cleans to within 0mm of walls and obstacles via eccentric brush position and side brushes. No blind spots.



AUTOMATION

AutoDoor

Independently operates automatic doors and passes through them without intervention, for full autonomy throughout the building.

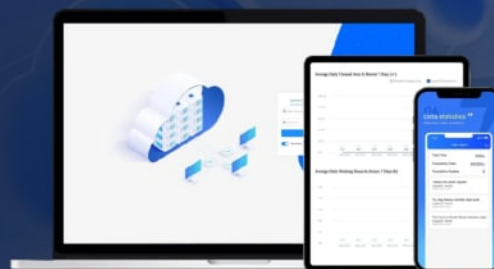
— INCLUDED WITH EVERY ROBOCORPUS BEETLE

PLATFORM & CONNECTIVITY

Gausium Cloud

Every Beetle is connected to the Gausium Cloud platform, live monitoring, reporting and fleet management. Available anywhere and anytime via browser or mobile app.

- Live robot status & location
- Automatic reports
- OTA software updates
- Remote diagnostics
- Task planning & zones
- Fleet management multi-site



Live

REAL-TIME STATUS

OTA

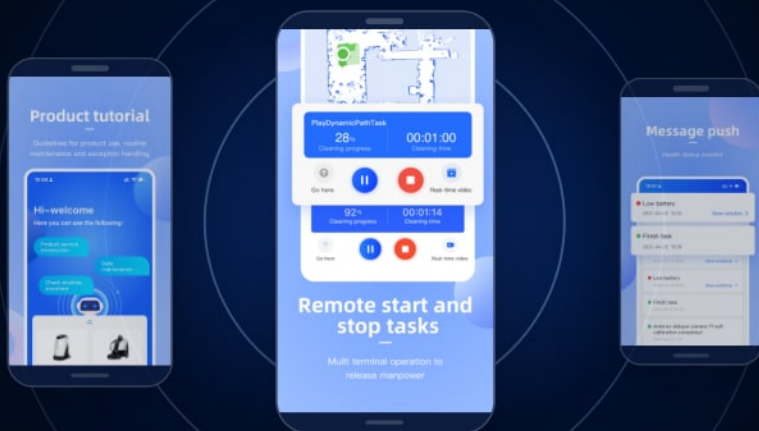
WIRELESS UPDATES

Multi-site

FLEET MANAGEMENT

Open API

BMS / FMS



GAUSIUM CLOUD, MOBILE APP

Always connected. In control everywhere.

Digitalise your service operations and get 24/7 access to real-time data, remote control and analytics, via iOS or Android.



Live monitoring

Real-time view of task progress, consumables and machine status per robot, continuously updated.



Task planning

Set schedules for automatic start at the planned time and location.



Remote control

Activate, pause or stop cleaning tasks remotely. No physical presence required.



Map management

Set virtual walls and forbidden zones to adapt routes to your space.



Reporting

Metrics, heatmaps and historical statistics per zone as PDF or CSV.



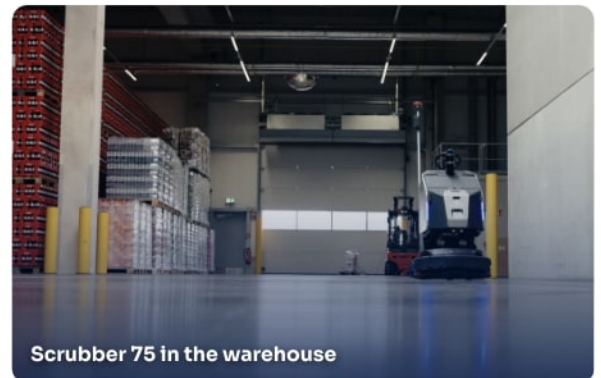
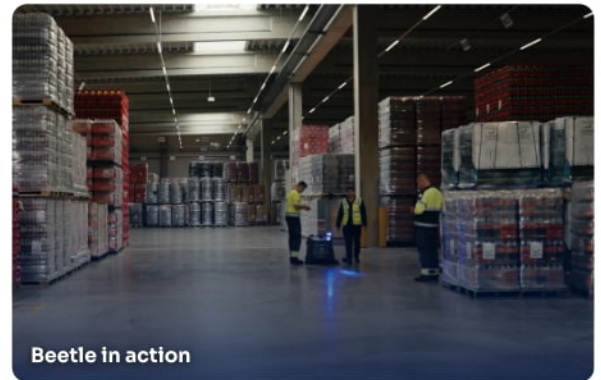
OTA updates

New features and fixes wirelessly transmitted via the cloud, at no extra cost.



Keep Innovating
Keep Exploring





2,000 m²
WAREHOUSE FLOOR

24/6
SHIFT SCHEDULE

2
GAUSIUM ROBOTS

↓
CLEANING COSTS

DE
KNETZGAU, GERMANY

01 CONTEXT
The distribution centre of Coca-Cola Europacific Partners (CCEP) Deutschland in Knetzgau operates on a 24/6 shift schedule, with intensive and continuous forklift traffic over a floor area of 2,000 m². Gausium implementation partner mR Mobile Robots GmbH, the official distributor for Germany, introduced an autonomous cleaning solution tailored to this busy logistics environment.

02 CHALLENGE
Manual cleaning alongside active forklift traffic is dangerous, labour-intensive and costly. Moreover, the logistics sector in Germany, as throughout Europe, faces a structural shortage of cleaning staff. Maintaining a high cleanliness standard 24 hours a day, without sufficient people, was no longer feasible with traditional methods.

03 SOLUTION & RESULT
Two complementary Gausium robots were deployed: the Beetle for narrow aisles and hard-to-reach corners between pallets and shelves, and the Scrubber 75 (750mm) for large floor surfaces. Both operate autonomously on weekends and outside working hours, when the warehouse is quiet. AI navigation with LiDAR, 3D cameras and ultrasonic sensors guarantees safe operation, even with changing pallet configurations.

2,000 m²
WAREHOUSE FLOOR

Fully autonomously cleaned in the CCEP distribution centre in Knetzgau, Germany

24/6

SHIFT SCHEDULE

Robots operate on weekends and outside working hours, alongside active forklift traffic

↓
CLEANING COSTS

Measurable savings and improved resource efficiency compared to manual cleaning



CLEANLINESS STANDARD

Consistently high cleanliness standard maintained, even in the absence of staff

24/6
Shift schedule

mR Mobile Robots
Implementation partner DE

Beetle + Scrubber 75
2x Gausium robots

Knetzgau
Germany

"The cleanliness standard could be maintained at a very high level, because the robots work automatically on weekends and outside working hours."

Christoph Kober, Junior Logistics Specialist Supply Chain · CCEP Deutschland GmbH, Knetzgau

Your robot is an investment, not a cost.

STARTER

ESSENTIAL

Solid maintenance, you manage the rest

€ 150 /month

excl. VAT 21%

MAINTENANCE

- 3x preventive on-site maintenance/year (labour incl.)
- Remote diagnostics & software updates
- 1 year warranty

CONNECTIVITY & REPORTING

- 4G data card included
- Gausium Cloud app access
- Monthly report

IN CASE OF BREAKDOWN

- Response time: Next Business Day
- Fault monitoring 24/5 (remote)

SUPPORT

- Phone & email (Mon–Fri, 8:30–17:00)
- 30 days intensive onboarding included
- Interim service invoice on cost-plus basis

MOST CHOSEN

CERTAINTY

For those where downtime costs money

€ 225 /month

excl. VAT 21%

MAINTENANCE

- 4x preventive on-site maintenance/year (labour incl.)
- Remote diagnostics & software updates
- 1 year warranty

CONNECTIVITY & REPORTING

- 4G data card included
- Gausium Cloud app access
- Monthly + quarterly report

IN CASE OF BREAKDOWN

- Response time: 8 working hours (remote)
- Fault monitoring 24/5 (remote)

SUPPORT

- Phone & email (Mon–Fri, 8:30–17:00)
- 1x operator training/year (alongside maintenance)
- Dedicated account manager
- 30 days intensive onboarding included
- Interim service invoice on cost-plus basis

MAXIMUM CARE

CAREFREE

Full peace of mind, no surprises

€ 275 /month

excl. VAT 21%

MAINTENANCE

- 5x preventive maintenance/year (labour incl.) + cleaning product
- Remote diagnostics & software updates
- 1 year warranty

CONNECTIVITY & REPORTING

- 4G data card included
- Gausium Cloud + monthly + quarterly report

IN CASE OF BREAKDOWN

- On-site NBD guaranteed
- Fault monitoring 24/7 (remote)
- 1x urgent intervention included (labour incl.)

SUPPORT

- Priority support (Mon–Sun, 7:00–19:00)
- 2x operator training/year (alongside maintenance)
- Dedicated account manager
- 30 days intensive onboarding included
- Interim service invoice on cost-plus basis

Response times apply during indicated hours · Additional intervention labour: €120/hr · Mileage allowance: €0.80/km, invoiced monthly · Discounts are combinable

PACKAGE COMPARISON



3-year contract: 5% discount
On annual total



Multi-robot: -10%/extra unit
From unit 2, all packages



30 days free onboarding
Every new installation

Feature	No contract	Essential	Certainty	Carefree
Price/month (excl. VAT)	€ 0	€ 150	€ 225	€ 275
Preventive maintenance/year	X	3x	4x	5x + cleaning product
Spare parts included	Sales price	Catalogue price	Catalogue price	Catalogue price
Warranty	X	1 year	1 year	1 year
4G data card + app	X	✓	✓	✓
On-site interventions	€120/hr	Cost-plus	Cost-plus	1x urgent incl.
Fault monitoring	X	24/5 (remote)	24/5 (remote)	24/7 (remote)
Response time on breakdown	By appointment	Next Business Day	8 working hours (remote)	NBD on-site
Reporting	X	Monthly	Monthly + quarterly	Monthly + quarterly
Phone support	X	Mon–Fri 8:30–17:00	Mon–Fri 8:30–17:00	Priority Mon–Sun 7:00–19:00
Intensive onboarding	X	30 days	30 days	30 days
Operator training/year	X	X	1x with maintenance	2x with maintenance
Dedicated account manager	X	X	✓	✓

RETURN ON YOUR INVESTMENT

Average payback in 2-3 years.

Our interactive ROI report calculates your personal payback period based on your labour cost, cleaning surface, and chosen service plan.

01

Free intake

02

Live demo

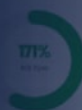
03

Pilot, 1-2
weeks

"The robots work automatically at weekends and outside working hours. Installation went smoothly and the cleaning performance was excellent."

CHRISTOPH KOBER, LOGISTICS SPECIALIST SUPPLY CHAIN - CCEP DEUTSCHLAND GMBH

10 JAAR



Savings 0-300%

300%

CUMULATIEVE BESPARING PER JAAR



ROBOTMAANDKOST (LEASING)

€ 1.401

Incl. stroom € 31 + onderhoud € 350/mnd

5-Jaar Projectie (cumulatief)

YOUR PERSONALISED ROI REPORT.

Your financing options

Prices excl. VAT 21% - On request

OWNERSHIP

PURCHASE

One-time investment - full ownership

- ✓ Full ownership from day 1
- ✓ Tax depreciable (investment deduction)
- ✓ No contractual obligation after purchase
- ✓ Freely combinable with any service plan
- ✓ Maximum ROI over the full lifetime

Quote: Info@robocorpus.be

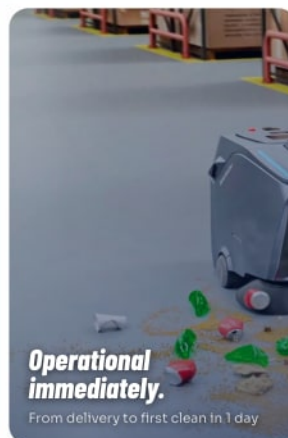
MOST FLEXIBLE

LEASE

Fixed monthly cost - zero capital tie-up

- ✓ No large upfront investment required
- ✓ Off-balance-sheet, operational expense
- ✓ 100% tax deductible as business cost
- ✓ Fixed, predictable monthly cost
- ✓ Via our certified leasing partner

Simulation on request



CUMULATIVE SAVINGS OVER 5 YEARS

YOUR INVESTMENT WORKS HARDER EVERY YEAR.

Indicative - 1 FTE saved (€28,692/year net)



171%
ROI over 3 years

€143k
Total savings year 5

±2.5 yr
Payback period

CALCULATE YOUR
PERSONAL ROI

[ROBOCORPUS.BE/ROI](https://robocorpus.be/ROI)



* The calculation on this page is indicative and based on a specific case. Every situation and customer profile is different.

Your trusted Belgian partner for robotic cleaning.



Certified Gausium partner

- Officially certified Gausium partner in Belgium
- Straight from the source, full factory warranty
- Direct technical support
- Full product line incl. future updates



On-site installation & mapping

- Installation & mapping on location
- Step-by-step training of your team
- Guaranteed operational from day one



24/5 service & maintenance

- Remote monitoring via Gausium Cloud
- Preventive maintenance alerts
- Fast intervention, even after warranty period
- Spare parts in stock



Flexible financing options

- Purchase, operational lease, or pilot
- Proactive advice on financing structure
- Tailored to your budget & growth plan

WHO WE ARE

A young, flexible team with AI expertise

As a growing Belgian start-up, we work hands-on, you speak directly with the founders. In addition to robotics, we also advise on the broader automation of your business processes, drawing on our knowledge of AI and smart systems.



JORDI

Support & Installation



HAMZA

Consulting & Sales

Start with a *proven* approach.

Choose the path that suits your organisation, from a no-obligation introduction to an intensive pilot programme with full ROI reporting.

01

Free intake consultation

We visit you on-site at no charge to discuss the possibilities: which solution suits your company, how it fits into your daily operations, and what concrete value the technology can bring you.

Free

At your location

No-obligation advice

02

Free demo at RoboCorpus

Visit our office for a live demonstration of the Beetle. Completely without obligation, no travel costs. Ideal as a first introduction for your facilities team or management.

Free

No obligation

Live demonstration

03

On-site demo, half day

Our team comes to your location and demonstrates the Beetle on your own floor surfaces. You receive a cleaning report with findings and a tailored ROI indication.

Paid

Half day

Report & ROI indication

04

Proof of Concept, 1 to 2 weeks

Intensive pilot programme at your location: full mapping, training of your staff, and a final report with ROI analysis, savings calculation, and implementation advice.

Paid

1 to 2 weeks

ROI report & advice



Investment that counts: when you purchase your Beetle, the cost of the on-site demo or Proof of Concept is fully deducted from the purchase price.

HOW TO PREPARE FOR THE INTAKE CONSULTATION

1

Floor plan or overview of the spaces you want cleaned

2

Insight into your current cleaning routine, schedule, and costs

3

30 minutes of your time for an open conversation, without obligations

Ready to get acquainted? *Contact us today*

Consulting First. Robots Second.

Your Autonomous Automation Consultant



Jordi

Support & Installation



Hamza

Consulting & Sales

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