Meet Kas, your team's favorite new co-worker

Commercial-grade cleaning tailor-made for tight spaces:

Retail
Health care
Education
Transportation
Warehouses *(light duty)*

Kas by Avidbots®

Today's **commercial spaces must adapt** to meet the needs of staff and guests as well as excel at their primary functions. But when it comes to keeping these environments clean, safe, and welcoming, current cleaning methods struggle under today's challenges because they pull teams away from more productive and fulfilling work.

Enter Kas. Avidbots' fully autonomous floor scrubbing robot is custom built to outperform in commercial settings. Kas produces **commercial-grade results** to keep your space healthy, safe, and looking great. Thanks to advanced robotics, cutting-edge autonomy, and market-leading software and support, Kas **simplifies and improves** your cleaning process.

Why automate your cleaning process with Kas?

Labor reallocation

Multiply your workforce without hiring more workers. Reallocate your team to productivity-focused, revenue-generating activities while Kas handles the mess.

Lower labor costs

Lower your cleaning costs while also reducing your reliance on manual labor to keep your building looking its best. Every hour Kas spends cleaning your floors is another hour saved, a return on investment that grows the more you use it.

Increased site productivity

Kas ensures dirty floors no longer slow down your operations or tie up your team in time-consuming cleaning chores. A clean facility is a thriving facility, and Kas lets you focus on improving your operations rather than worrying about cleanliness.

Improved health and safety

Kas improves the quality and consistency of floor cleaning with around-the-clock availability and enhanced performance, creating a cleaner and safer environment. Avidbots' solution ensures your space stays clean regardless of the pressures and demands on your operations.

Enhanced employee morale

Kas does the dirty work for you, giving your staff back their time and allowing them to participate in more fulfilling, career-building tasks.

Kas makes a great partner and can be deployed as multiple units or in combination with Neo or Neo 2W.

Kas is a great fit for commercial spaces

Retail
(stores and malls)

Health care

Education

Transportation
(airports and transit)

Warehouses
(light duty)

Redefining commercial cleaning standards

Merging a forward-thinking design with enhanced cleaning performance, Kas is the perfect addition for organizations looking to take their operations in a more productive and modern direction.

High performance and productivity

Built to the highest quality standards, Kas blends form with function, producing a consistent, measurable, and dependable clean that redefines standards across the board.

- Extended cleaning cycle and **swappable LFP batteries** allow Kas maximum uptime and continuous operation.
- Connected web portal gives you improved visibility and decision-making capabilities.
- Versatile, user-friendly, and ergonomic controls ensure usability, a great operator experience, and let you get going quickly.
- Convenient **24/7 remote assistance** gets your robot up and running without the need to interrupt other staff.

Tailored for cleaning in tight spaces

Clean in tight spaces, up and down aisles, in and around customers, and more. Kas cleans even more of your workspace, with advanced maneuverability and precise navigation ensuring a hands-free experience even in busy and dynamic commercial environments.

- Industry-leading **Avidbots Autonomy software** adapted for busy commercial spaces enables Kas to deliver a truly autonomous, worry-free experience.
- **Dynamic planning capabilities** allow Kas to adapt and adjust to changes in the environment while it cleans.
- **Unique drivetrain** designed for tight space performance gives Kas the ability to clean even more of your facility.
- Optimized cleaning capabilities allow Kas to clean areas where other robots struggle.

Leading-edge robotic design

Amplify your brand, boost your reputation, and satisfy your customers' needs. With a modern look and feel that elevates your surroundings, Kas enhances your organization's reputation.

CONTINUOUS RUNTIME

UP TO **3 hrs**

(w/ exchangeable LFP batteries)

MINIMUM U-TURN WIDTH

61"

1.55m

MINIMUM AISLE WIDTH

41"

1.055m

- Friendly and approachable styling ensures Kas modernizes the look of your floor space.
- Low noise level means Kas blends seamlessly into the background without interrupting normal day-to-day ongoings.
- **North American design** ensures Kas' quality matches its good looks
- Environmentally friendly design and materials allow Kas to support your sustainability efforts.

Peace of mind built on safety and security

A welcome addition to even the most bustling facility, Avidbots builds Kas to the highest standards. Kas' extensive safety and security features allow the robot to operate alongside staff and guests without issue.

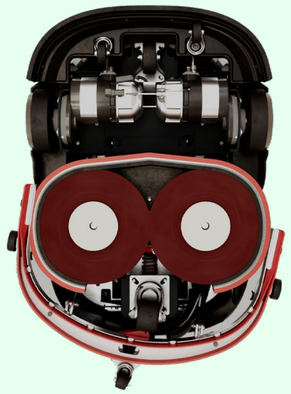
- Features such as on-robot training ensure Kas is a friend to your team.
- Designed for safety and security.
- Fifteen onboard sensors and multiple layers of protection ensure Kas can safely and effectively work alongside your team in busy environments.
- Software and hardware features protect Kas and its data, safeguarding the robot from unauthorized access and privacy breaches.

Superior cleaning quality

Kas produces **commercial-grade cleaning** results that hold up to closer inspection, delivering a clean, dry, streak-free finish that showcases your brand's dedication to cleanliness. With a clean you can count on and results you can measure, Kas is the perfect addition to your team.

- **Dual-tank design** with separate cleaning solution and recovery tanks guarantees Kas never recycles its dirty water, upholding hygiene standards.
- Flexible floor pad and brush options let you optimize Kas' performance with cleaning heads that suit your floor's surface and finish.
- **Monitor, manage, and measure** your cleaning operations remotely and in real time via a user-friendly dashboard that helps you make smarter decisions.
- **High downforce**, high RPM deep cleaning tackles even the toughest messes.

Bottom view showing advanced cleaning system with unique squeegee which keeps floors dry in tight spaces.



SOLUTION CAPACITY

12.2gal

46L

DOWNFORCE

UP TO

90lbs

40.8kg

Three pillars that support your autonomous transformation

Technology brings progress, but true innovation transforms your approach from top to bottom, helping you operate in a better and more productive way. That's why leading organizations across the globe continue to automate their cleaning process, and autonomous mobile robots (AMR) are at the forefront of this technological evolution.

Kas, Avidbots' cutting-edge AMR, is the latest breakthrough in autonomous cleaning technology. Supporting smart navigation, easy deployment, and simple operations, Kas makes automating your cleaning easier than ever. And it all relies on three pillars.

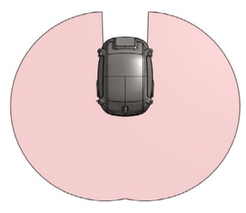
1 Avidbots Autonomy: Autonomous navigation and cleaning

Powered by our proprietary **Avidbots Autonomy** software, Kas understands the operating environment and takes actions to maximize cleaning productivity while minimizing human intervention.

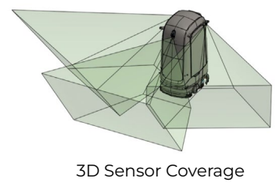
Leveraging data from **Kas' 15 onboard sensors**, the robot has complete situational awareness, enabling advanced decision-making capabilities that allow Kas to complete its two key objectives: determining the robot's position within your space and finding the best path for the task at hand.

Kas also boasts **Advanced Dynamic Planning** to keep up with alterations to your environment, adapting when objects, layouts, and floor plans change. Kas' extensive sensor suite compares the current picture to the original cleaning plan and determines the best path to take in real time — no human intervention required. Advanced capabilities designed for retail and commercial spaces include reconnaissance mapping, complex detours, adapting to moved obstacles, creating unique paths and more.

1D Laser Cliff Sensors



2D Lidar Coverage



3D Sensor Coverage

2 Avidbots Customer Success: Our pledge to you

Our world-class customer success program is here to help you. From the moment you receive Kas, our **factory-trained technicians take care of your robot deployment — so you don't have to.** This includes creating cleaning plans unique to your facility as well as training your staff on operating and maintaining your robot.

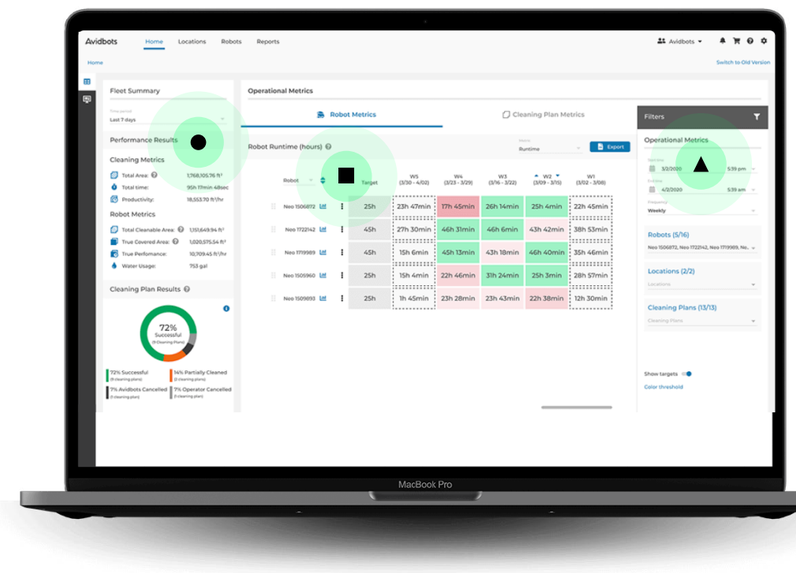
Post deployment, the **Avidbots Customer Success team** monitors Kas, working with you to continuously improve based on any changes to your environment.

Our available **Gold Service Plan** can be tailored to the specialized needs of your organization. Avidbots-trained and certified technicians provide this service, experts who know your Kas inside out and understand Kas' maintenance needs to keep it operating at peak performance.

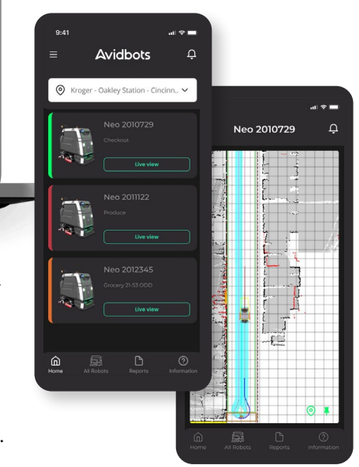
Our goal is to ensure Kas delivers the same enhanced, fully autonomous clean on day one as it does on day 365. A Kas with the Gold Service Plan lowers the total cost of ownership, increases cleaning efficiency, and delivers peace of mind.

3 Avidbots Command Center: Data, insights, and control at your fingertips

Avidbots Command Center (ACC) lets you monitor, manage, and measure your cleaning operations from a convenient and **accessible web-based app**. Whether you have one Kas or an entire fleet, you'll enjoy new insights into your facility thanks to sector-level coverage maps, highly detailed productivity metrics, and more.



- ● Fleet Summary Reports
- ▲ Operational Summary
- ■ Individual Robot Metrics



ACC's Fleet Management feature gives you a snapshot of your floor cleaning operations, helping you make smarter, more informed decisions about when and where to clean. From identifying the percentage of successful cleaning plans executed by your fleet to comparing cleaning performance across all locations. You can even pinpoint under-utilized robots via customizable visual indicators too. These are just a few ways that Avidbots Command Center and Fleet Management increase cleaning efficiency and productivity.

Avidbots GOLD SERVICE PLAN

Meet the Avidbots family of cleaning robots

Why Avidbots?

Buying an Avidbots robot isn't just buying a floor scrubber. It's investing in a technological future that can redefine your cleaning function, making it more productive, more cost effective, and easier to run. More importantly, our robotics and AI-powered advanced autonomy open up new opportunities to make your business even more successful. We realize this isn't just about buying a product, or a technology, or even a business proposition. You want to buy into a trusted partner who can take you into the future of automated operations using cutting-edge robotics. At Avidbots, we work side-by-side with our customers to earn that trust and realize all the benefits that robotics can bring them.

About us

Avidbots is a robotics company with a vision to expand humanity's potential through robotics and automation. Our groundbreaking fully autonomous solutions — Neo, Neo 2W, and Kas — allow organizations to simplify their cleaning process, becoming more efficient, productive, and cost effective. Trusted by leading organizations across the world, our robots open new possibilities for businesses and their workers, making cleanliness a stepping stone to a more prosperous future. Founded in 2014 and headquartered in Kitchener, ON, Canada, Avidbots is offering comprehensive service and support to customers on five continents. Avidbots is backed by top global venture capital firms, including True Ventures, Next47, GGV Capital, BDC, Felicis Ventures, Real Ventures, and Golden Ventures.

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**Specifications are subject to change*

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