

**KÄRCHER**

# BIG JOBS. SMART SOLUTION

Highly-productive, fully autonomous floor scrubber designed for large areas. [karcher.com/us](https://www.karcher.com/us)



PROFESSIONAL | KIRA B 200 FLOOR SCRUBBER

# RELIEVE PRESSURE ON TEAMS. BOOST PRODUCTIVITY.

Large facilities can clean more efficiently, and economically by using robotic floor cleaning equipment. With a cleaning performance of well over 48,400 square feet per hour, the KIRA B 200 autonomous floor scrubber effortlessly matches the area coverage of a comparable, purely manually operated scrubber.

**It's no secret - machine-based or even manual floor cleaning is extremely time-consuming, labor-intensive, and costly, and therefore, unfortunately, often not very economical.**

This is precisely where our autonomous floor scrubber comes in, offering an economically sensible alternative. It cleans floor surfaces automatically, without compromising quality, reliably, and, if desired, completely autonomously. In this way, the KIRA B 200 relieves cleaning teams of monotonous floor cleaning, allowing them to simultaneously take on more complex and higher-value cleaning tasks that match their skills.

**People and machines, hand in hand:**

This simple formula helps to enormously increase productivity and achieve far greater cost-effectiveness in floor cleaning than was previously possible. At the same time, this approach can boost the job satisfaction of skilled workers, thereby reducing employee turnover and the effort involved in recruitment.



## 5 REASONS TO CHOOSE THE KIRA B 200

- **Empower Your Team:** Say hello to a new, supportive team member, and goodbye to repetitive, monotonous floor scrubbing. This autonomous machine takes over tedious tasks, allowing your skilled cleaning professionals to tackle more intricate and impactful work.
- **Boost Productivity:** Achieve more in less time. By automating routine cleaning, you can parallelize tasks, significantly increasing overall efficiency and output.
- **Effortless Operation:** Get started quickly with an intuitive interface and a large, easy-to-read touch display. Plus, maintenance and upkeep are straightforward, minimizing downtime.
- **Safety First, Always:** Designed with advanced environmental recognition, the KIRA B 200 is certified safe for public areas. You can trust it to navigate safely around people.
- **Unrivaled Autonomy:** For ultimate convenience, the optional docking station allows the KIRA B 200 to autonomously replenish its resources and recharge its battery, ensuring continuous, hands-free operation.

# ONE TASK, TWO SOLUTIONS.

Whether with disc or roller brushes:  
The KIRA B 200 impresses with high area  
coverage, economical operation, intuitive  
handling, and maximum flexibility.



#### Roller Brush Head

- Pre-sweeping and scrubbing in one step
- Side broom for edge-to-edge cleaning
- Minimizes manual pre-cleaning and follow-up work
- Excellent cleaning performance on heavily contaminated, textured floors



## KIRA BR 200

Time-saving roller brush technology with a side broom allows for pre-sweeping and scrubbing in a single step, right up to the edge - especially suitable for textured floors.



#### **Productivity as Standard**

- Can also be used as a ride-on floor scrubber
- Wide working width and high travel speed
- 53-gallon tank and 4-hour runtime
- Theoretical area coverage  
KIRA BR 200: approx. 49,400 sq ft/hr  
KIRA BD 200: approx. 52,300 sq ft/hr

#### **Multi-Sensor System**

- Powerful sensor technology
- 360° all-around view
- Detection of overhangs and glass
- Sensor monitoring of side areas

#### **Disc Brush Head**

- Ideal for cleaning smooth and delicate floors
- Use of diamond and melamine pads possible
- Especially quiet operation
- Longer brush lifespan



## **KIRA BD 200**

Proven, powerful disc brush technology with an extensive selection of various brushes and pads - especially suitable for delicate, smooth, and glossy surfaces.



For more information about the different brush heads, please see page 22.

# WHAT MAKES OUR ROBOTS SO SPECIAL?

Smart ideas, sophisticated technology, versatile functionality – with the proven and further developed Kärcher robotic technology from the smaller KIRA B 50 scrubber, you can now master even larger tasks with the KIRA B 200. Particularly well suited for airports, logistics warehouses, production and manufacturing plants, trade show and convention centers, it's equipped to meet any challenge thanks to its size and quadruple water tank volume.





#### Comprehensive Standard Equipment

- Long-lasting lithium-ion battery (up to 4 hours)
- 53-gallon fresh and wastewater tank
- Economical DOSE detergent dosing system
- Time-saving Auto-Fill function and automatic dirty water tank rinsing
- Speed-dependent water dosing
- Safety-enhancing all-around beacon light
- Innovative LED light modules
- Calendar function for clear planning and scheduling



#### Connectivity

- Direct access with the KIRA Equipment Manager and the KIRA Robots App
- Sends notifications and status messages to mobile devices
- Integration into infrastructure thanks to support for VDA-50/50 standards or via I/O box for rolling door control



#### Obstacle Avoidance

- Reliably detects obstacles
- Independent planning of evasive routes
- Autonomously maneuvers to clear path as needed



#### Safety Certification

- Safe, contactless detection of obstacles, drop-offs, and people
- Safety certified according to IEC 60335-2-72:2021 and IEC 63327:2021
- Suitable for operation in areas with public traffic



#### Operation

- Intuitive control via large touchscreen display
- Simple user guidance through a graphical user interface
- Can be configured and operated without expert knowledge
- Comprehensive "how-to" animations available on the display (e.g., for maintenance work)



#### Operating Modes

- Choice of autonomous or manual operation
- Enables manual spot cleaning
- Allows multiple user profiles with individual permissions

# GOING ABOVE AND BEYOND.

While the KIRA B 200 already impresses in autonomous operation, it literally surpasses itself when paired with the optional docking station.



**Top cleaning performance, simple operation, straightforward maintenance, and convenient web-based services: Kärcher's autonomous cleaning robot offers many advantages in daily business operations. After the initial setup, users only need to handle standard tasks: filling the fresh water tank, emptying the dirty water tank, and, of course, charging the battery.**

With the optional docking station, even these tasks are eliminated. The cleaning robot transforms into a fully autonomous unit that replenishes its resources independently. Besides the

docking station itself, all that's needed at the planned location are fresh water and power connections, and ideally, a floor drain.

With these in place, the KIRA B 200 independently drives to the docking station as scheduled, takes on fresh water, rinses and empties dirty water, charges batteries and continues cleaning with its next programmed route.



# ONE CLICK. EVERYTHING IN SIGHT.

Always the latest overview, full control, precisely informed – from a single machine to the entire fleet.

**The Kärcher Equipment Manager and powerful KIRA Robots App provide key personnel with a comprehensive overview of all KIRA B 200 data and processes, anytime, anywhere.**

Beyond monitoring, the machine acts proactively. Upon completing cleaning, it automatically generates detailed reports for thorough documentation. Critical messages, like malfunctions or unplanned events, are precisely logged internally, displayed

on the machine, and delivered via the KIRA Robots App, email, or SMS to designated personnel and on-site staff. This allows immediate intervention and action.

More than just convenient applications, the KIRA Robots App and Equipment Manager ensure a seamless flow of information to all involved, helping maintain operational readiness even when problems arise.



# FULLY EQUIPPED. STANDARD.

With or without a docking station, with disc or roller brushes: the KIRA B 200 always offers an impressive array of standard features.



In addition to perfect and safe navigation thanks to state-of-the-art sensor technology and laser scanners, other safety features like the innovative LED light modules, and of course, the powerful and long-lasting lithium-ion batteries, many other standard features ensure convenient operation and top cleaning results.

To simultaneously save valuable resources, time, and money, several systems work together seamlessly. For example, the Auto-Fill function reduces the time needed for manually filling the fresh water tank, while speed-dependent water dosing

ensures minimal water consumption right from the start. The DOSE detergent dosing system also allows for precisely adjustable, needs-based dispensing of cleaning agent. And after cleaning, the automatic rinsing system takes care of cleaning the dirty water tank.

In fully autonomous operation using the optional docking station, the KIRA B 200 handles fresh water intake, dirty water disposal, and battery charging completely automatically.

**Technical data** **BR 200** **BD 200**

Working width	inches	33.5	35.4
Fresh/dirty water volumes	gallons	52.8 / 52.8	52.8 / 52.8
Brush type		Roller brush	Disc brush
Battery type		Li-Ion	Li-Ion
Battery	V/Ah	24/320	24/320
Battery runtime	hours	4	4
Maximum speed, autonomous	mph	3.4	3.4
Maximum theoretical area performance	sq ft/hour	49,406	52,313
Length × width × height	inches	74.7 × 44.8 × 57.9	74.7 × 44.8 × 57.9
Weight without water	lbs	1,365	1,433

**Equipment**

Order No.	Description
1.533-013.0	KIRA BR 200 Autonomous Floor Scrubber
9.801-941.0	KIRA BR 200 Autonomous Floor Scrubber + Docking station
1.533-014.0	KIRA BD 200 Autonomous Floor Scrubber
9.801-942.0	KIRA BD 200 Autonomous Floor Scrubber + Docking station

**Accessories**

Order No.	Description
■ 6.654-454.0	Lithium-ion battery. 24V / 80 Ah (requires 4)
□ 4.046-114.0	Battery cable (allows to retrofit 5th battery into system)
□ 2.042-033.0	Docking station
□ 4.046-081.0	Blue spot light, front
□ 4.046-135.0	Blue spot light, back
□ 4.046-079.0	Long range multilayer LiDAR, upgrade kit
□ 4.042-128.0	Position codes, expansion set (31-40)
□ 6.043-057.0	KIRA Rolling Gate Sender (one per KIRA)
□ 6.043-058.0	KIRA Rolling Gate Receiver (one per gate)
□ 4.043-190.0	Docking station position codes, expansion set (4-8)
□ 4.035-406.0	Home-Base Kit

■ Included □ Optional

**Ask your Karcher rep about our KIRA care plans. Deployment support is also available.**

Please contact us for more information:

**Kärcher U.S.A.**

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