

## KIRA BR 200

The KIRA BR 200 efficiently cleans large areas. With roller brushes ideal for textured and uneven floors – intelligent, efficient and powerful in every application.



Made in Germany



Order no.

1.533-013.0

### Technical data

EAN code		4066529031501
Drive type		Battery
Rated input power	W	2250
Traction motor power	W	1300
Turbine capacity	W	552
Motor rating of brush motor	W	1500
Working width, brushes	mm	850
Brush contact pressure	g/cm <sup>2</sup>	215
Brush rotational speed	rpm	380 - 950
Working width, vacuuming	mm	1100
Fresh/dirty water tank	l	200 / 220
Detergent tank	l	10
Sweeper drawer volume	l	9
Theoretical area performance, autonomous	m <sup>2</sup> /h	max. 4590
Cleaning performance per tank filling (approx.)	m <sup>2</sup>	7143
Number of current phases	Ph	1
Voltage	V	100 - 240
Frequency	Hz	50 - 60
Number of batteries		4
Battery type		Li-ion
Battery voltage/capacity	V / Ah	24 / 320
Battery run time	h	approx. 4
Battery charging time	h	approx. 4.7
Autonomous speed	km/h	max. 5.4
Sound pressure level	dB(A)	64.5

### Scope of supply

Battery and battery charger

Squeegee included

Roller brush: 2 Piece(s)

Side brush

Flashing beacon

### Equipment

Battery

Type of suction lips: Linatex®

DOSE

with speed-dependent water dosing

Large, high-definition touch display

Docking-enabled

Roller shutter control prepared

autonomous cleaning

Automatic pre-sweeping

with manual drive mode

Easy and intuitive set-up without the need for expert knowledge

High-performance sensors

obstacle and crash detection

autonomous swerving upon meeting obstacles

Safety certified for public areas

creation of cleaning reports

Notifications on mobile devices

Schedule function

Auto Fill

# KÄRCHER

Autonomous aisle turning width	m	2.8
Climbing ability	%	max. 6
Autonomous clearance width	mm	max. 1350
Software updates available until		2033-01-01
Weight without accessories	kg	630
Weight (with accessories)	kg	630
Weight incl. packaging	kg	632.3
Dimensions (L x W x H)	mm	1944 x 1138 x 1471

Coloured lights to display the robot's behaviour and operating status

Kärcher colour and operating concept  
electrical and mechanical float switch  
with teach-in mode (Teach and Repeat)

Brush type: Round brush

Variable contact pressure

robust aluminium die-cast suction bar

Underpressure sensor for detecting blockages

Detection of empty detergent tank

operation using app

Communication interface: VDA 5050

Detergent dosing unit

This machine requires instruction.





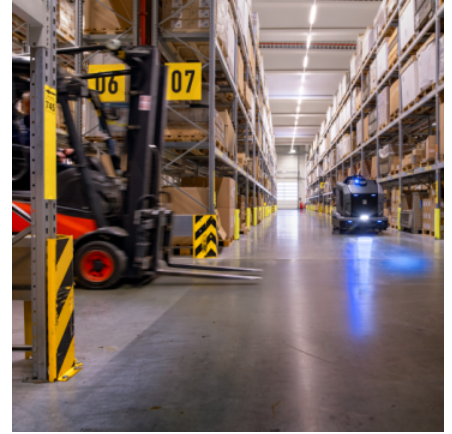
## Docking station (optional)

- Enables fully autonomous operation.
- Resources can be autonomously topped up by a robot (refilling the fresh water, draining the dirty water, rinsing the tank, charging the battery).
- Optional accessory, the robot can also be operated without the docking station.



## Obstacle guide

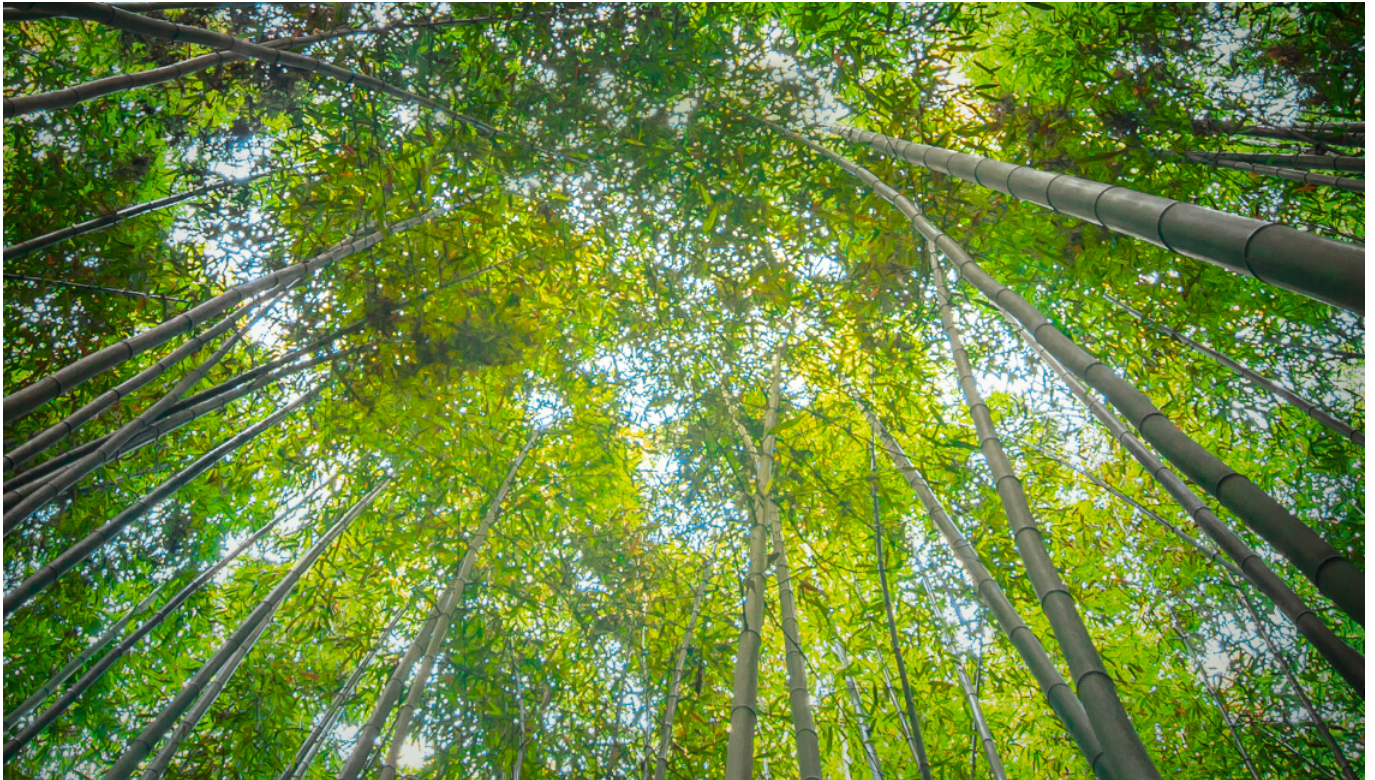
- Reliably detects unknown obstacles.
- Independently plans alternative routes.
- Autonomous driving manoeuvres on demand.



## Infrastructure connection

- The KIRA BR 200 can be integrated seamlessly into existing infrastructures.
- Roller shutter and VDA 5050 connections enable efficient and flexible collaboration with other systems and machines for a high degree of automation and process optimisation.

**SUSTAINABILITY INFORMATION FROM KIRA BR 200  
1.533-013.0**



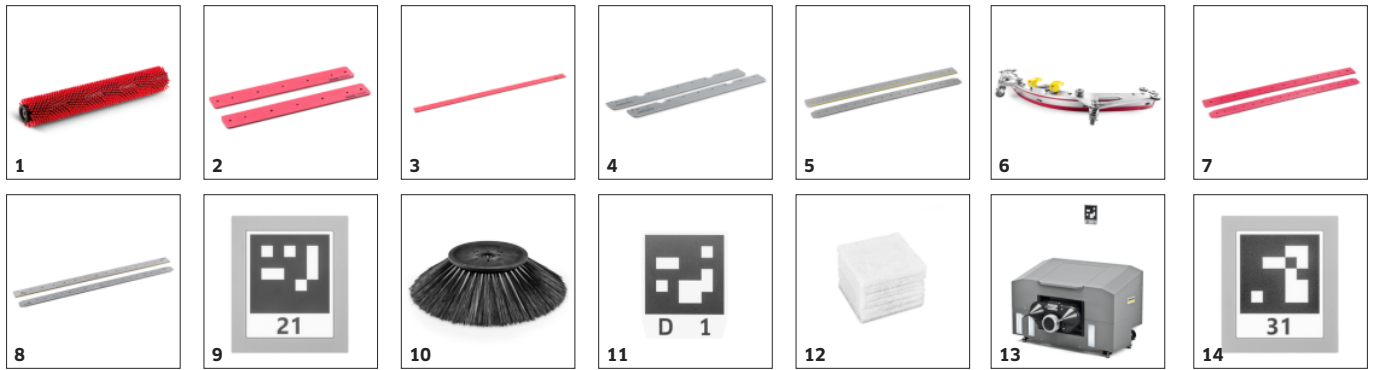
**Sustainability features**

Standby Mode

DOSE (detergent dosage system)

## EQUIPMENT FOR KIRA BR 200

### 1.533-013.0

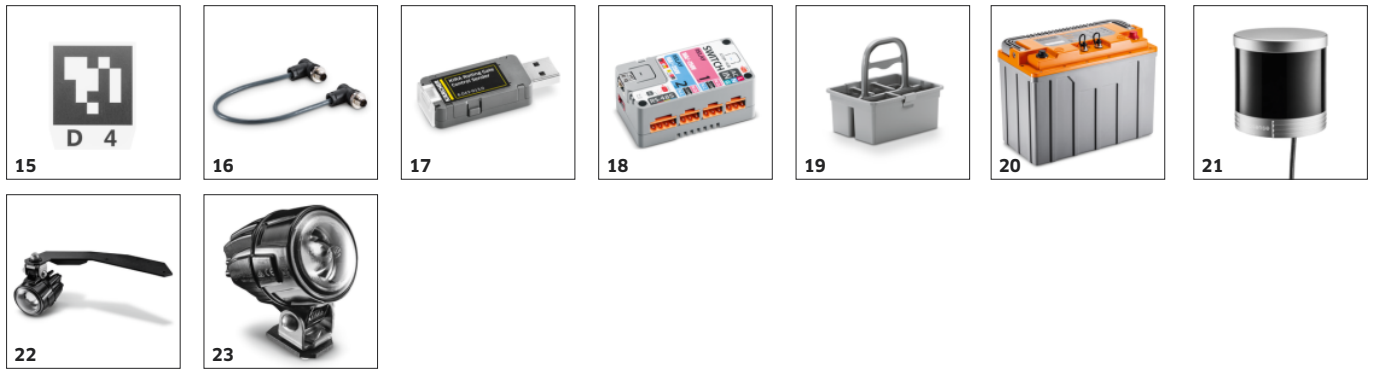


	Order no.	Description	
<b>ROLLER BRUSHES FOR BR</b>			
Roller brush red for replacement R85, medium, red, 800 mm	1 4.035-606.0	Red standard roller brush for maintenance cleaning.	■
<b>WIPING LIPS</b>			
Side strips with additional weight Zubeh	2 4.037-194.0	Squeegee blades made of Linatex® for attaching to the side of the brush head. Suitable for KIRA BR 200.	■
Side strips oil resistant Recovery Linat	3 4.037-197.0	Linatex® squeegee for the recovery scraper bars. The recovery squeegee blade retains the water under the brush head when reversing.	■
Side strips with additional weight Zubeh	4 4.037-193.0	Set of low-wear, oil-resistant squeegee blades made from PU. For optimum cleaning results when performing turning manoeuvres and for a secure hold in the working area of the brush head. Suitable for KIRA BR 200.	□
Side strips oil resistant Recovery Linat	5 4.037-198.0	Oil-resistant squeegee made from PU for the recovery scraper bars. The recovery squeegee blade retains the water under the brush head when reversing.	□
<b>SUCTION BARS AND SQUEEGEES</b>			
<b>Suction bar, complete</b>			
Suction bar parabolic worked, 1100 mm, parabolic	6 4.046-031.0	For the best suction and drying results: robust, parabolic aluminium squeegee with 1,100 mm suction width and quick coupling. Allows tool-free change of suction lips.	■
<b>Squeegees for suction bars</b>			
Suction lip set Linatex 1100mm, Linatex®, 1100 mm	7 4.046-116.0		■
Suction lip set PU 1100mm, oil-proof, 1100 mm	8 4.046-117.0		□
<b>OTHER ACCESSORIES FOR SCRUBBER DRYERS</b>			
<b>Miscellaneous</b>			
Base package Landmarke 21-40	9 4.042-130.0	Set with position codes to define extra starting points for cleaning robot and to increase efficiency by making autonomous transport routes shorter.	■
Replacement side broom KIRA B200	10 4.042-169.3	Optional accessory for the KIRA BR 200: replacement side brush with black bristles for cleaning close to edges.	■
Foil docking station Aruco Code D1- D3	11 4.043-185.0	Standard set of position codes for docking station. Enables the operation of up to three robot docking stations in the same environment.	■
Filter dust spare parts set 07F.15	12 4.046-149.0	Filter fleece for the KIRA B 200 e-build chamber. Protects the e-build chamber against dust. 6 pieces per pack.	■
Docking station cpl.	13 2.042-033.0	The docking station for fully autonomous applications of cleaning robots reduces manual interventions to a minimum and extends the range and area performance of robots.	□
Tag set Aruco Code 31-40	14 4.042-128.0	The position codes extension set can be used to define additional starting points in the vicinity of the robot. This reduces autonomous journeys and improves the system's overall performance.	□

■ Included in delivery. □ Available accessories.

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		Order no.	Description	
<b>OTHER ACCESSORIES FOR SCRUBBER DRYERS</b>				
<b>Miscellaneous</b>				
Foil docking station Aruco Code D4- D20	15	4.043-190.0	Set with position codes for flexible operation of cleaning robots with more than four docking stations in the same area. For shorter transport routes and more efficient cleaning.	<input type="checkbox"/>
Cable Battery_5_CAN KIRA B200	16	4.046-114.0	Data cable attachment kit for the optional 5th battery of the KIRA B 200. The remaining cables are already installed in the machine. Note: the battery must be ordered separately.	<input type="checkbox"/>
Transmitter roller shutter complete incl	17	6.043-057.0	Roller shutter control attachment kit: enables the KIRA B 50 and KIRA B 200 cleaning robots to control roller shutters automatically.	<input type="checkbox"/>
Receiver roller shutter cpl.	18	6.043-058.0		<input type="checkbox"/>
<b>Cleaning tool kit accessories</b>				
Home Base Box Kit	19	4.035-406.0	The Box kit provides enough space for three cleaning agent bottles along with cloths, scrapers, spare rubbish bags, gloves, etc.	<input type="checkbox"/>
<b>TRACTION BATTERIES AND CHARGERS</b>				
<b>Batteries</b>				
Drive battery LIB 25,6V / 80Ah, 25,6 V, 80 Ah, Li-ion	20	6.654-454.0	Lithium-ion battery (25.6 V/80 Ah) for scrubber dryers from Kärcher. The traction battery offers up to 4-fold cycle stability compared to lead-acid batteries.	<input checked="" type="checkbox"/>
<b>KITS</b>				
<b>Lighting/RKL mounting kit</b>				
Accessory kit Lidar Robosense	21	4.046-079.0	Long Range LiDAR for extra-large indoor open spaces with very few reference points - e.g. empty exhibition halls. Detects distances of over 40 m in any direction without obstacles.	<input type="checkbox"/>
Accessory kit front BlueSpot	22	4.046-081.0	Blue spotlight front attachment kit for the KIRA B 200: projects a blue spotlight in front of the machine. Increases safety when used in the vicinity of people and other machines.	<input type="checkbox"/>
Accessory kit BlueSpot Rear	23	4.046-135.0	Blue spotlight rear attachment kit for the KIRA B 200: projects a blue spotlight behind the machine. Increases safety when used in the vicinity of people and other machines.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories.