

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.



Order no.

1.533-013.0

- Fully autonomous scrubber dryer with a maximum area performance of 4590 m²/h
- 850 mm working width with roller brushes, pre-sweeping function, side brush
- Recovery lip, dockable, compatible with roller door control and VDA 5050

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 ²	215
Brush 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 ² /h	max. 4590
Cleaning performance per tank filling (approx.)	m ²	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 / 360
Battery run time	h	approx. 4.5

Scope of supply

- Battery and battery charger
- Squeegee included
- Roller brush: 2 Piece(s)
- Side brush
- Flashing beacon

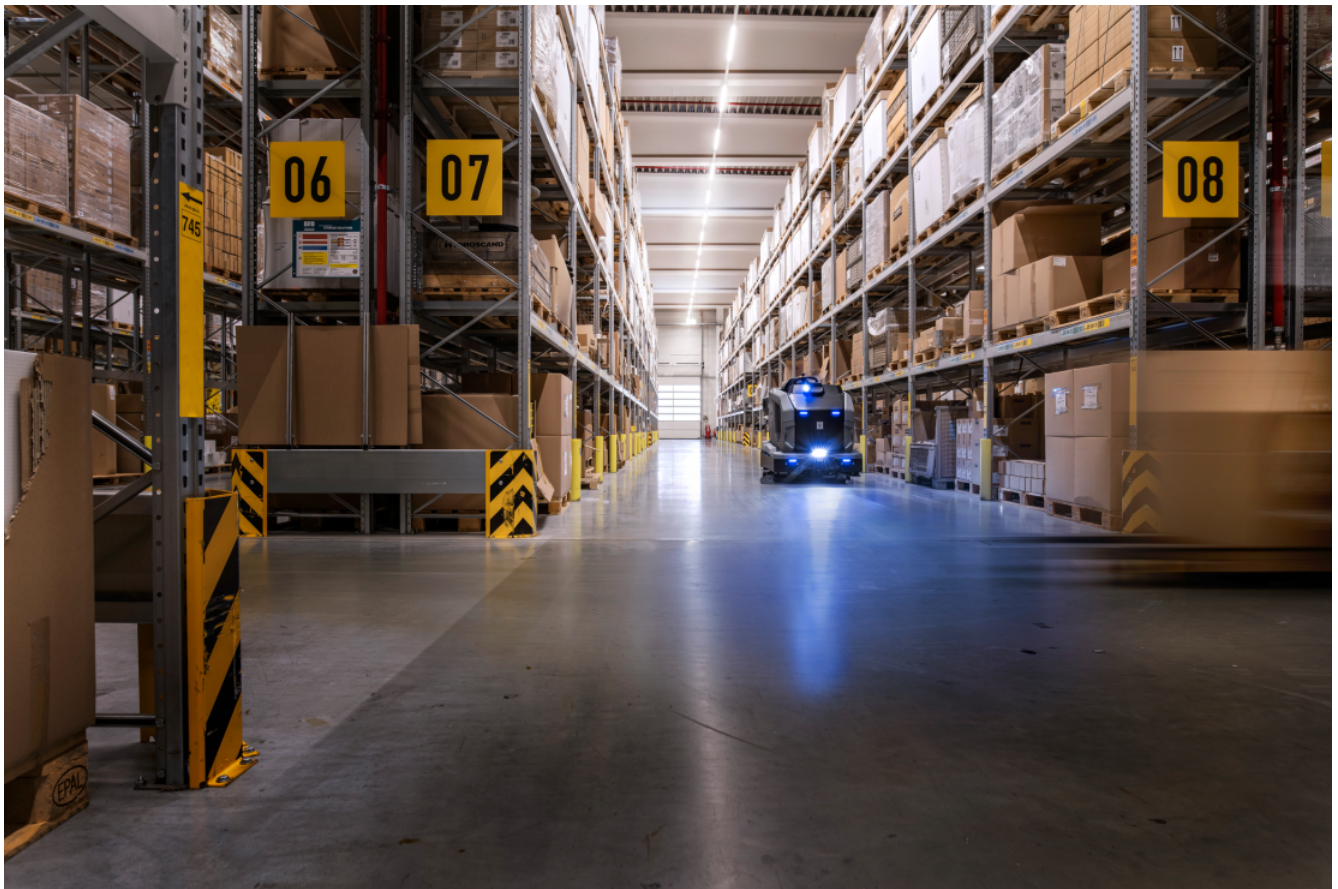
Equipment

- 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

Battery charging time	h	approx. 5.3
Autonomous speed	km/h	max. 5.4
Sound pressure level	dB(A)	64.5
Autonomous aisle turning width	m	2.8
Climbing ability	%	max. 12
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 × W × H)	mm	1944 × 1138 × 1471

Notifications on mobile devices
Schedule function
Auto Fill
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.





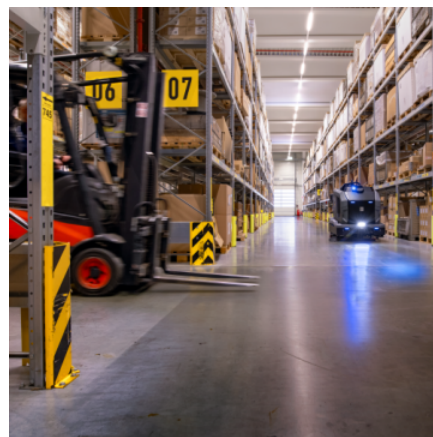
Docking station (optional)

- 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.

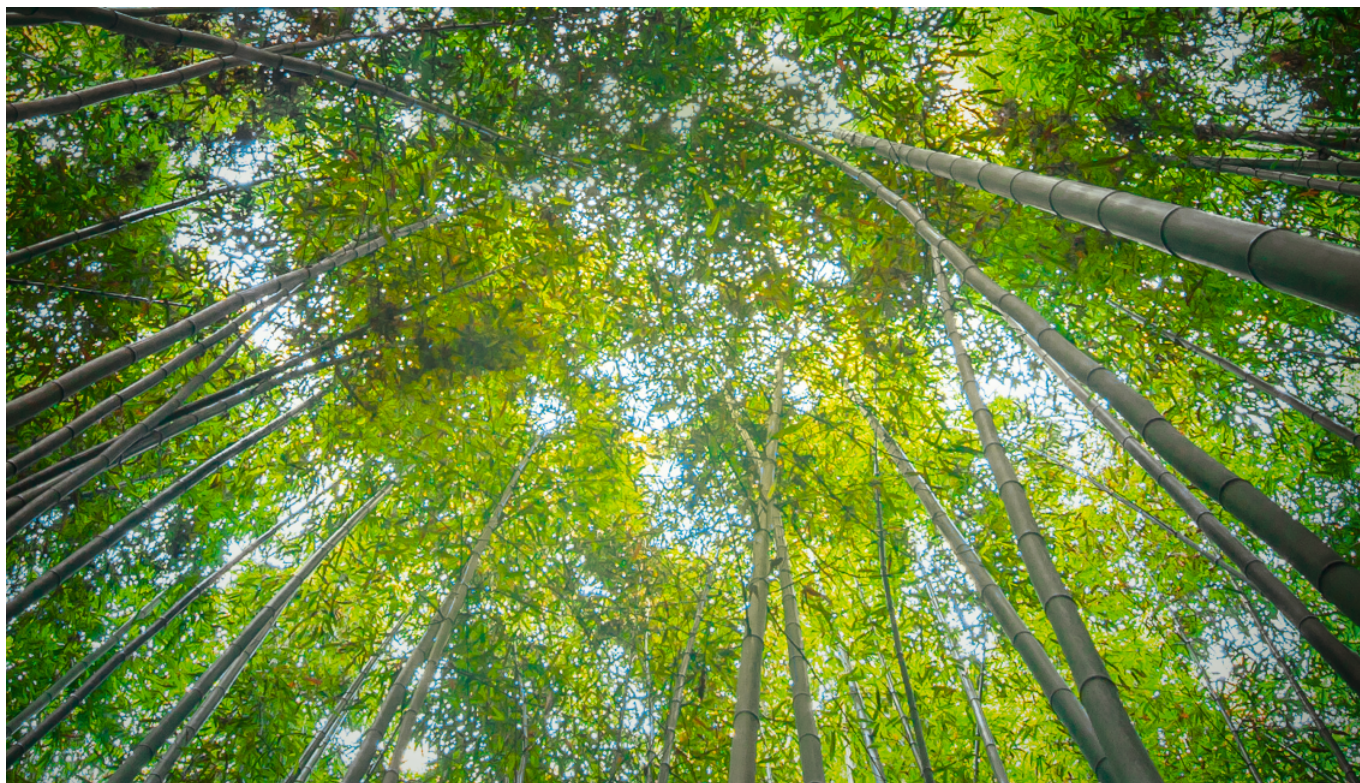


Infrastructure connection

- 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

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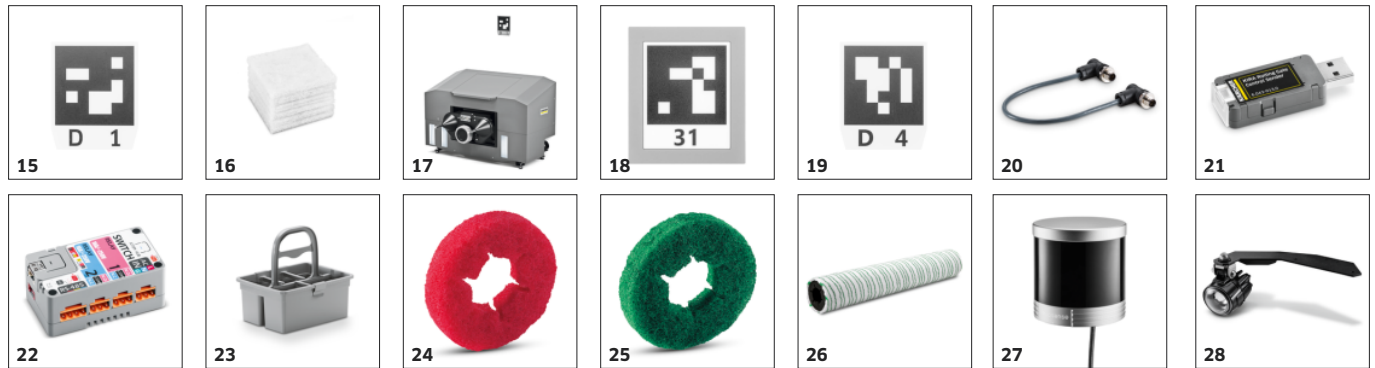


		Order no.	Description	
ROLLER BRUSHES FOR BR				
Roller brush red for replacement R85, medium, red, 800 mm	1	4.035-606.0	Red standard roller brush for maintenance cleaning.	■
Roller brush orange - R85, high / low, orange, 800 mm	2	6.907-734.0	Orange roller brush with high-low structure for particularly effective cleaning of textured floor coverings.	□
Roller brush green - R85, hard, green, 800 mm	3	6.907-735.0	Green, abrasive roller brush for deep cleaning and removal of sticky dirt.	□
Roller brush black - R85, very hard, black, 800 mm	4	6.907-736.0	Black, very abrasive roller brush for the deep cleaning of hard-wearing floor coverings with very sticky dirt.	□
Roller brush white - R85, Soft, white, 800 mm	5	6.907-772.0	White roller brush for cleaning sensitive floor coverings.	□
WIPING LIPS				
Side strips with additional weight Zubeh	6	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	7	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	8	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	9	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.	□
SUCTION BARS AND SQUEEGEES				
Suction bar, complete				
Suction bar parabolic worked, 1100 mm, parabolic	10	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.	■
Squeegees for suction bars				
Suction lip set Linatex 1100mm, Linatex®, 1100 mm	11	4.046-116.0		■
Suction lip set PU 1100mm, oil-proof, 1100 mm	12	4.046-117.0		□
OTHER ACCESSORIES FOR SCRUBBER DRYERS				
Miscellaneous				
Base package Landmarke 21-40	13	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	14	4.042-169.3	Optional accessory for the KIRA BR 200: replacement side brush with black bristles for cleaning close to edges.	■

■ Included in delivery. □ Available accessories.

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OTHER ACCESSORIES FOR SCRUBBER DRYERS				
Miscellaneous				
Foil docking station Aruco Code D1- D3	15	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	16	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.	17	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	18	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.	□
Foil docking station Aruco Code D4- D20	19	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.	□
Cable Battery_5_CAN KIRA B200	20	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.	□
Transmitter roller shutter complete incl	21	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.	□
Receiver roller shutter cpl.	22	6.043-058.0		□
Cleaning tool kit accessories				
Home Base Box Kit	23	4.035-406.0	The Box kit provides enough space for three cleaning agent bottles along with cloths, scrapers, spare rubbish bags, gloves, etc.	□
ROLLER PADS / ROLLER PAD SHAFT				
Roller pads				
Roller pad, medium, red	24	6.369-456.0	Red standard roller pad for the maintenance cleaning of non-textured floor coverings.	□
Roller pad, hard, green	25	6.369-455.0	Green, abrasive roller pad for deep cleaning, as well as the removal of sticky dirt on non-textured floor coverings.	□
Microfibre shaft				
Microfibre roller, 800 mm	26	4.114-008.0	Ideal for fine stoneware tiles. Microfibre roller for the reliable and gentle removal of grey haze.	□
KITS				
Lighting/RKL mounting kit				
Accessory kit Lidar Robosense	27	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.	□
Accessory kit front BlueSpot	28	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.	□

■ Included in delivery. □ Available accessories.

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		Order no.	Description	
KITS				
Lighting/RKL mounting kit				
Accessory kit BlueSpot Rear	29	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.	☐

☐ Available accessories.