

## KIRA B 50

Efficient, time-saving, easy, safe, flexible – and fully automated as desired: The KIRA B 50 scrubber drier robot for economical floor cleaning over medium to large areas.



Made in Germany



### Order No.

1.533-001.0

- Lithium iron phosphate battery
- Integrated side brush
- Docking-compatible

### Technical data

EAN code		4054278512846
Drive type		Battery
Rated input power	Watt	1600
Power traction motor	Watt	560
Turbine power rating	Watt	630
Brush motor power rating	Watt	600
Brush working width	Millimetre	550
Brush contact pressure	Grams per square centimetre	80
Brush speed	Revolutions per minute	1350
Vacuum working width	Millimetre	750
Fresh/dirty water tank	Litre	55 / 55
Cleaning agent tank	Litre	5
Dirt hopper	Litre	2
Theoretical area performance, autonomous	Square metres per hour	Maximum 2365
Cleaning performance per tank filling (approx.)	Square metre	Approx. 1830
Type of current	Volt	24
Number of batteries		2
Battery type		Li-Ion

### Equipment

Battery and charger	■
Includes squeegee	■
Type of suction lips	oil-proof
Roller brush	■
Side brushes	■
Warning beacon	■
DOSE	■
with speed-dependent water dosing	■
Large, high-definition touch display	■
Docking-compatible autonomous cleaning	■
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	■
Auto-Fill	■

Battery voltage/capacity	Volt / Ampere-hour	24 / 160
Battery runtime	Hour	Approx. 3.5
Battery charging time	Hour	Maximum 8
Speed, autonomous	Kilometres per hour	Maximum 4.3
Climbing capacity	Percent	Maximum 6
Aisle width, autonomous	Metre	Minimum 1
Weight, empty	Kilogram	228
Weight without accessories	Kilogram	225
Weight (with accessories)	Kilogram	235.186
Weight incl. packaging	Kilogram	247
Dimensions (L x W x H)	Millimetre	1100 x 750 x 1200

Coloured lights to display the robot's behaviour and operating status	■
Kärcher colour and operating concept electrical and mechanical float switch	■
Communication interface	VDA 5050
Detergent dosing	■

■ included in delivery.

This device requires instruction.



## Simple operation

- Clearly organised, safe control of all device functions via the touch display.
- Step-by-step user guidance for easy, intuitive operation.
- Simple to set up and easy to use the robot without expert knowledge.

## Robust and reliable navigation

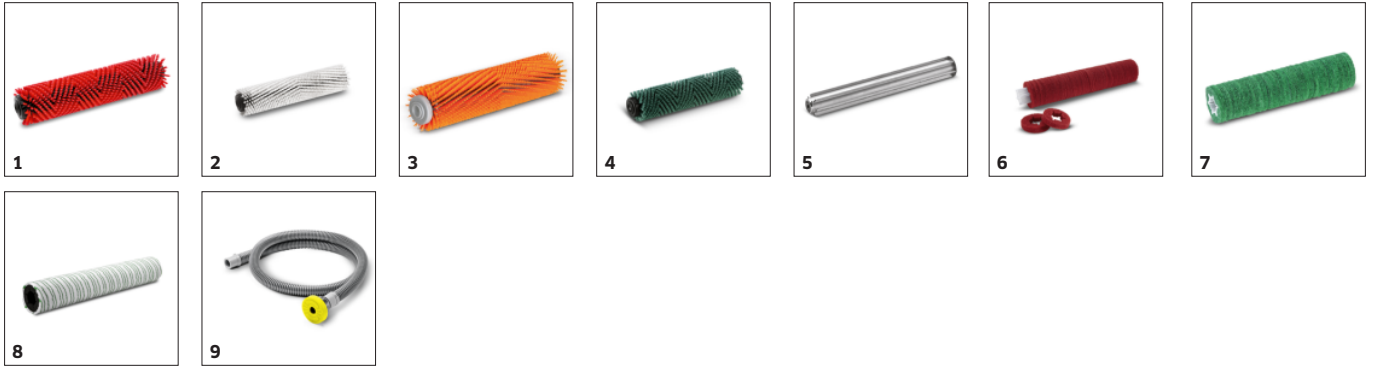
- High-performance sensors with 360° detection of the environment and lateral monitoring.
- Safe avoidance of collisions and obstacle guide.
- Intelligent free travel manoeuvres in the event of blockages.

## Integrated side brush

- Enables thorough cleaning right up to the edge.
- Transports dirt directly into the cleaning channel.
- Reduces extra manual work to a minimum.

## EQUIPMENT FOR KIRA B 50

### 1.533-001.0



		Order No.	Description	
<b>ROLLER BRUSHES FOR BR</b>				
Roller brush complete for replacement BR, medium, red, 550 mm	1	4.035-184.0	Roller brush, medium-hard, red. Length: 550 mm. For all common cleaning tasks. Also suitable for sensitive floors. Bristles made from polypropylene; 0.4 mm thick, 20 mm long.	■
Roller brush, soft, white, 550 mm	2	4.762-409.0	Roller brush, very soft, white. Length: 550 mm. With wear-resistant star-wheel mechanism. For cleaning sensitive floors and polishing. Bristles: Polyamide, 0.3 mm thick, 20 mm long.	□
Roller brush, high / low, orange, 550 mm	3	4.762-410.0	Roller brush, high/low, medium-hard, orange. Length: 550 mm. With wear-resistant star-wheel mechanism. For cleaning heavily structured floors and deep crevices. Bristles: Polyamide, 0.6 mm thick, 15-20 mm long.	□
Roller brush, hard, green, 550 mm	4	4.762-411.0	Roller brush, hard, green. Length: 400 mm. Wear-resistant star-wheel mechanism. For heavily soiled floors and basic cleaning. Bristles: Polyamide with silicon carbide, 0.6 mm thick, 20 mm long.	□
<b>ROLLER PADS / ROLLER PAD SHAFT</b>				
<b>Roller pad shaft</b>				
Pad roller shaft, 550 mm	5	4.762-415.0	Pad roller shaft suitable for holding roller pads or microfibre rollers.	□
<b>Roller pads</b>				
Roller pad on sleeve, medium, red, 530 mm	6	6.369-734.0	For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-415.0	□
Roller pad on sleeve, hard, green, 530 mm	7	6.369-733.0	For removing stubborn dirt and deep cleaning of non-textured floors. In conjunction with pad roller shaft 4.762-415.0	□
<b>Microfibre shaft</b>				
Microfibre roller, 550 mm	8	4.114-010.0	World innovation: application of microfibre rollers combines the excellent cleaning properties of microfibres with the benefits of the roller brush technology. Combined with roller pad shaft 4.762-415.0.	□
<b>OTHER ACCESSORIES FOR BR / BD</b>				
<b>Miscellaneous</b>				
Filling hose	9	6.680-124.0	1,500-mm filling hose for easy device filling from a water tap. With universal tapered fitting for all standard taps.	□

■ Included in delivery. □ Available accessories.