

## 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.



### Order no.

1.533-001.0

- Lithium-ion battery
- Integrated side brush
- Docking-compatible

### Technical data

EAN code		4054278512846
Drive type		Battery
Rated input power	W	1600
Power traction motor	W	560
Turbine capacity	W	630
Motor rating of brush motor	W	600
Working width of brushes	mm	550
Brush contact pressure	g/cm <sup>2</sup>	80
Brush rotational speed	rpm	1350
Working width, vacuuming	mm	750
Tank of fresh/dirty water	l	55 / 55
Detergent tank	l	5
Dirt hopper	l	2
Theoretical area performance, autonomous	m <sup>2</sup> /h	max. 2365
Area performance per tank filling	m <sup>2</sup>	approx. 1830
Supply voltage	V	24
Number of batteries		2
Battery type		Li-Ion
Battery voltage/capacity	V / Ah	24 / 160
Battery runtime	h	approx. 3.5
Battery charging time	h	max. 8
Speed, autonomous	km/h	max. 4.3
Climbing ability	%	max. 6

### Equipment

Battery and charger	■
Includes squeegee	■
Type of suction lips	oil-proof
Roller brush	■
Side brush	■
Flashing 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	■

Aisle width, autonomous	m	min. 1
Weight, empty	kg	228
Weight without accessories	kg	225
Weight (with accessories)	kg	235.2
Weight incl. packaging	kg	247
Dimensions (L × W × H)	mm	1100 × 750 × 1200

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

Kärcher colour and operating concept electrical and mechanical float switch

Detergent dosing

■ Included in the scope of supply.

Users must receive training on this device.



## Easy 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

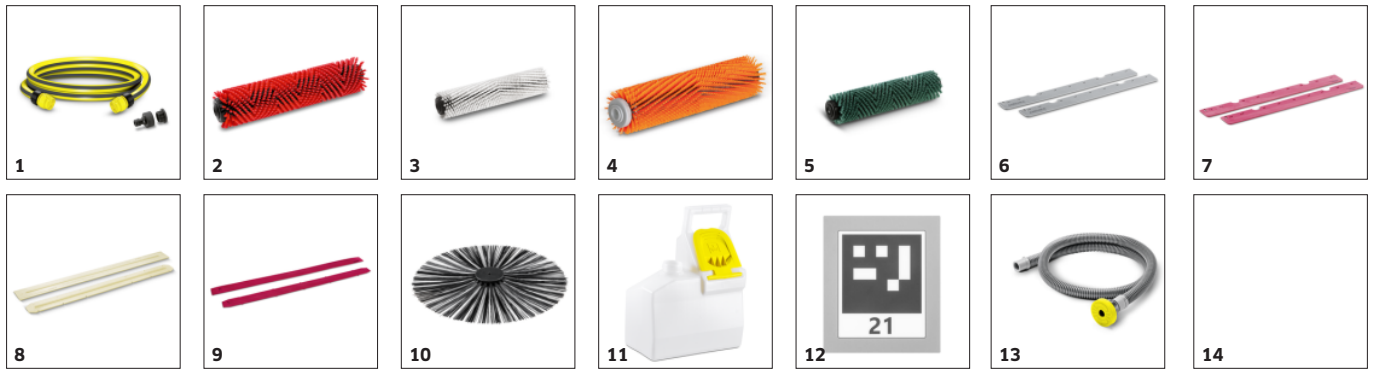
- High-performance sensors with 360° detection of the environment and lateral monitoring.
- Safe avoidance of collisions and obstacle guide.
- Intelligent free travel manoeuvres in the event of blockages.

## Optional docking station

- Allows fully autonomous operation through independent exchange of resources.
- For water exchange, charging batteries and rinsing tank.
- Operation of the cleaning robot also possible without optional docking station.

## ACCESSORIES FOR KIRA B 50

### 1.533-001.0

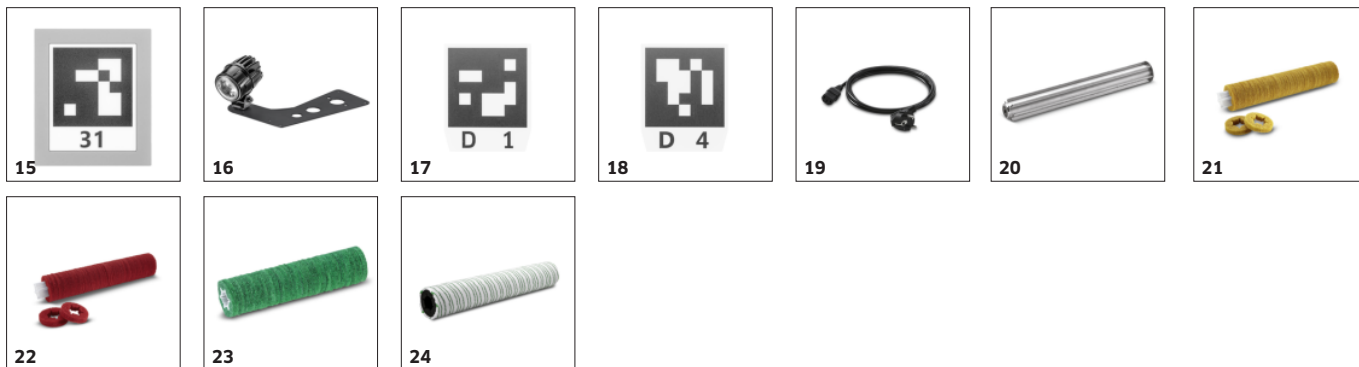


		Order no.	Description	
<b>HOSES</b>				
Connector set	1	2.645-122.0	Connection set: G3/4 brass tap adaptor with G1/2 reducer, 2 x universal hose connector and 1.5 m PrimoFlex® hose (5/8"). For connecting hose trolleys and hose reels to taps.	■
<b>ROLLER BRUSHES</b>				
Roller brush, medium, red, 550 mm	2	4.035-184.0	Red standard roller brush for maintenance cleaning.	■
Roller brush, soft, White, 550 mm	3	4.762-409.0	White roller brush for cleaning sensitive floor coverings.	□
Roller brush, high / low, orange, 550 mm	4	4.762-410.0	Orange roller brush with high-low structure for particularly effective cleaning of textured floor coverings.	□
Roller brush, hard, green, 550 mm	5	4.762-411.0	Green, abrasive roller brush for deep cleaning and removal of sticky dirt.	□
<b>WIPING FLAPS</b>				
Lateral squeegee blades, oil-resistant	6	4.037-167.0	Set of low-wear, oil-proof squeegee blades made of Polyurethane. For optimum cleaning results with curve movements and reliable keeping of the cleaning water in the working area of the brush head.	■
Lateral squeegee blades, Linatex®	7	4.037-166.0	Set of tear-proof squeegee blades made of Linatex®. They ensure the cleaning water stays in the working area of the brush head and optimum cleaning results with curve movements.	□
<b>SQUEEGEES AND SQUEEGEE BLADES</b>				
<b>Squeegee blades</b>				
Squeegee blades for V-squeegee, oil-resistant, slotted, 850 mm	8	6.273-027.0	Squeegee blade kit includes front and rear squeegee blades, 850 mm. Slotted squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For sensitive floors.	■
Squeegee blades, Linatex®, 850 mm	9	4.043-196.0	Linatex® suction lip set, 850 mm in width. The tear-proof material adapts perfectly to profiled floor coverings, thus ensuring very good wiping and suction results.	□
<b>OTHER ACCESSORIES SCRUBBER DRIERS</b>				
<b>Miscellaneous</b>				
Side broom	10	4.042-048.0	Spare side brush with black bristles for cleaning right to the edge.	■
Detergent tank	11	4.042-050.0	Detergent tank with large filling opening from Kärcher. The accessory part acts an extra tank for pre-filling - speeds up set-up times thanks to quick canister changes.	■
Standard set position codes	12	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.	■
Filling hose	13	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.	□
Docking station	14	2.042-000.0	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.	□

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Description	
<b>OTHER ACCESSORIES SCRUBBER DRIERS</b>				
<b>Miscellaneous</b>				
Expansion set position codes	15	4.042-128.0		<input type="checkbox"/>
Spotlight Blue attachment kit	16	4.042-129.0	The Spotlight Blue attachment kit increases the visibility and therefore the safety for applications in the immediate vicinity of people, other machines and vehicles.	<input type="checkbox"/>
Standard set position codes docking station	17	4.043-185.0		<input type="checkbox"/>
Expansion set position codes docking station	18	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"/>
<b>POWER CABLE</b>				
Power cable with IEC plug EU	19	6.640-202.0	EU power cable with cold-device plug for all models of our water dispenser in the WPD range.	<input checked="" type="checkbox"/>
<b>ROLLER PADS / ROLLER PAD SHAFTS</b>				
<b>Pad roller shafts</b>				
Pad roller shaft, 550 mm	20	4.762-415.0	Pad roller shaft suitable for holding roller pads or microfibre rollers.	<input type="checkbox"/>
<b>Roller pads</b>				
Roller pad on sleeve, soft, yellow, 530 mm	21	6.369-732.0	Yellow roller pad for cleaning and polishing non-textured floor coverings.	<input type="checkbox"/>
Roller pad on sleeve, medium, red, 530 mm	22	6.369-734.0	Red standard roller pad for the maintenance cleaning of non-textured floor coverings.	<input type="checkbox"/>
Roller pad on sleeve, hard, green, 530 mm	23	6.369-733.0	Green, abrasive roller pad for deep cleaning, as well as the removal of sticky dirt on non-textured floor coverings.	<input type="checkbox"/>
<b>Microfibre shaft</b>				
Microfibre roller, 550 mm	24	4.114-010.0	Ideal for fine stoneware tiles. Microfibre roller for the reliable and gentle removal of grey haze.	<input type="checkbox"/>

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