

## 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.

1.533-002.0

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

### Technical data

EAN code		4054278512860
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	1200
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
Cleaning performance per tank filling (approx.)	m <sup>2</sup>	approx. 1830
Current type	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. 5.2
Speed, autonomous	km/h	max. 4.3

### Equipment

Battery and charger	■
Includes squeegee	■
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	■
Coloured lights to display the robot's behaviour and operating status	■

Sound pressure level	dB(A)	69
Aisle turn-around width, autonomous	m	1.5
Climbing ability	%	max. 6
Aisle width, autonomous	m	min. 0.9
Weight, empty	kg	228
Weight without accessories	kg	225
Weight (with accessories)	kg	238.4
Weight incl. packaging	kg	249.4
Dimensions (L × W × H)	mm	1100 × 750 × 1200

Kärcher colour and operating concept	■
electrical and mechanical float switch	■
Communication interface	VDA 5050
Detergent dosing	■
■ included in delivery.	

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

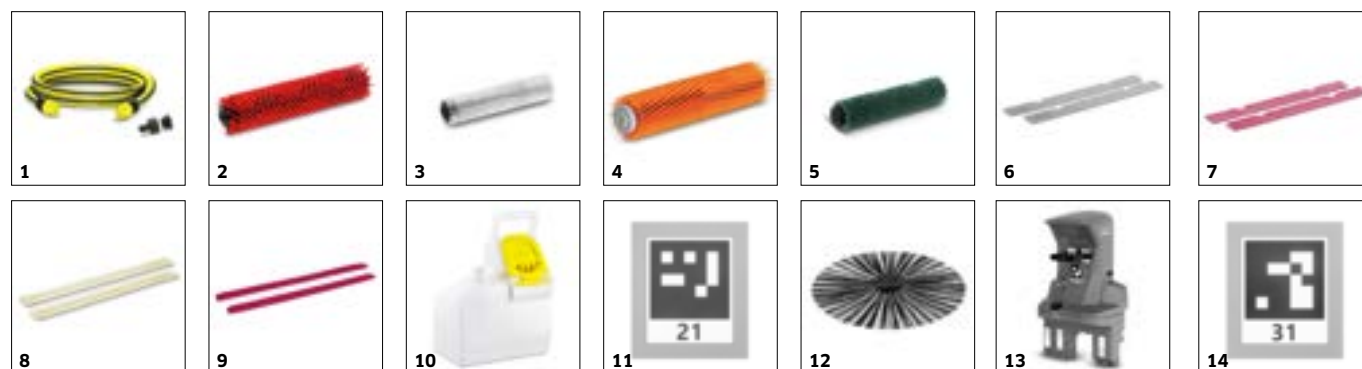
- High-performance sensors with 360° detection of the environment and lateral monitoring.
- Safe avoidance of collisions and obstacle guide.
- Intelligent free travel manoeuvres in the event of blockages.

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.

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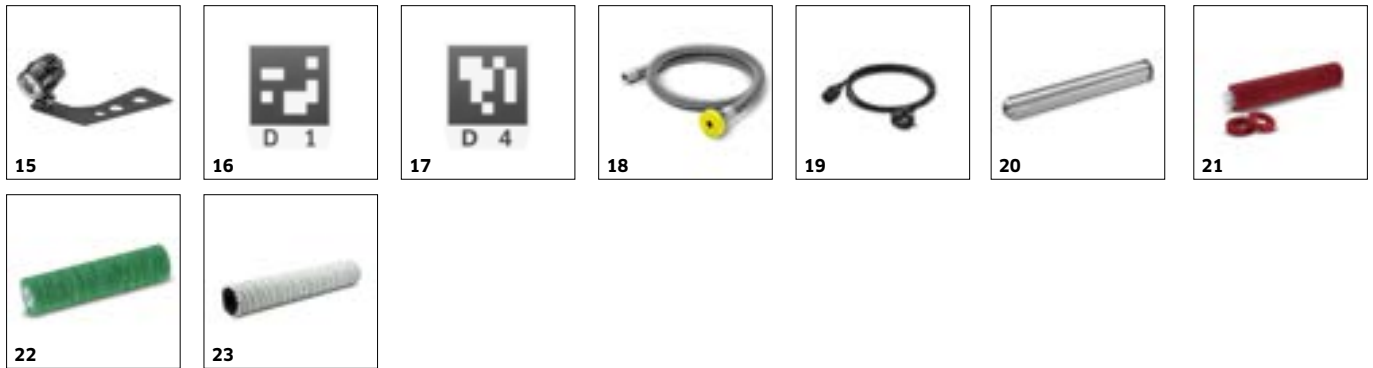


		Order no.	Description	
<b>HOSES</b>				
Hose Connector Set	1	2.645-122.0	This hose connector set from Kärcher includes a tap connector, two universal hose connectors and a garden hose, making it ideal for connecting your hose trolley to outdoor taps.	■
<b>ROLLER BRUSHES FOR BR</b>				
Roller brush complete for replacement BR, medium, red, 550 mm	2	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	3	4.762-409.0	Soft, for cleaning sensitive surfaces and for polishing.	□
Roller brush, high / low, orange, 550 mm	4	4.762-410.0	Medium hard, for cleaning strong structured floors and deeper joints.	□
Roller brush, hard, green, 550 mm	5	4.762-411.0	Hard, for heavy soilings und for deep cleaning; for unsensitive floors only.	□
<b>WIPING LIPS</b>				
Set side strip oil resistant	6	4.037-167.0		■
Set side strip	7	4.037-166.0		□
<b>SUCTION BARS AND SQUEEGEES</b>				
<b>Squeegees for suction bars</b>				
Rubber lip set corrugated oil resistant, oil-resistant, slotted, 850 mm	8	6.273-027.0		■
Suction lips set replacement Linatex, Linatex®, 850 mm	9	4.043-196.0		□
<b>OTHER ACCESSORIES FOR SCRUBBER DRYERS</b>				
<b>Miscellaneous</b>				
Suction lips set replacement Naturkautsc	10	4.042-050.0		■
Base package Landmarke 21-40	11	4.042-130.0		■
Side broom replacement	12	4.042-048.0		■
Docking station complete	13	2.042-000.0		□
Tag set Aruco Code 31-40	14	4.042-128.0		□

■ Included in delivery. □ Available accessories.

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<b>OTHER ACCESSORIES FOR SCRUBBER DRYERS</b>				
<b>Miscellaneous</b>				
Add-on kit blue headlight Spot	15	4.042-129.0		<input type="checkbox"/>
Foil docking station Aruco Code D1- D3	16	4.043-185.0		<input type="checkbox"/>
Foil docking station Aruco Code D4- D20	17	4.043-190.0		<input type="checkbox"/>
Filling hose	18	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.	<input type="checkbox"/>
<b>POWER CABLE</b>				
Power cable with IEC plug EU	19	6.640-202.0		<input checked="" type="checkbox"/>
<b>ROLLER PADS / ROLLER PAD SHAFT</b>				
<b>Roller pad shaft</b>				
Pad roller shaft, 550 mm	20	4.762-415.0	550 mm	<input type="checkbox"/>
<b>Roller pads</b>				
Roller pad on sleeve, medium, red, 530 mm	21	6.369-734.0	For cleaning non-textured floors. In conjunction with pad roller shaft 4.762-415.0	<input type="checkbox"/>
Roller pad on sleeve, hard, green, 530 mm	22	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	<input type="checkbox"/>
<b>Microfibre shaft</b>				
Microfibre roller, 550 mm	23	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.	<input type="checkbox"/>

■ Included in delivery.    □ Available accessories.