

KIRA CV 50

The KIRA CV 50 robotic vacuum cleaner takes the pressure off cleaning teams by taking over the time-consuming vacuuming, leaving the skilled workers to take care of more complex tasks at the same time.



Order no. 1.454-500.0

Technical data

EAN code		4054278988542
Battery platform		36 V battery platform
Voltage	V	36
Vacuum	kPa	19.3
Air flow	l/s	16
Sound pressure level	dB(A)	57
Theoretical area performance, autonomous	m²/h	525
Area performance	m²/h	525
Operating time in normal operation (two batteries)	min	140
Operating time in ECO! mode (two batteries)	min	210
Working width, vacuuming	mm	350
Rated input power	W	230
Climbing ability	%	6
Container capacity	l	4.5
Autonomous speed	km/h	1.5
Drive through width	mm	650
Clearance height	mm	320
Number of batteries required	Piece(s)	2
Battery charging time with quick charger 80% / 100%	min	58 / 81
Voltage (power supply for battery charger)	V	100 - 240
Frequency (power supply for battery charger)	Hz	50 - 60
Software updates available until		2031-01-01
Weight without accessories	kg	15.4

Scope of supply

Versions: Batteries and charger not included
Side brush: 4 Piece(s)
Roller brush quantity: 1 Piece(s)
Start markings
EPA filter

Equipment

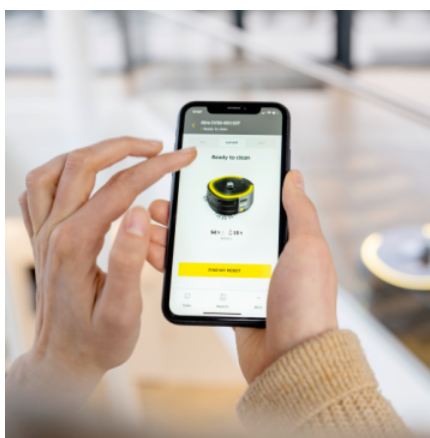
autonomous cleaning
 Easy and intuitive set-up without the need for expert knowledge
 obstacle and crash detection
 High-performance sensors
 autonomous swerving upon meeting obstacles
 Safety certified for public areas
 creation of cleaning reports
 Schedule function
 Notifications on mobile devices
 Kärcher colour and operating concept
 Authorisation management
 operation using app

Weight (with accessories)	kg	15.4
Weight incl. packaging	kg	25.1
Dimensions (L × W × H)	mm	578 × 578 × 300



Compact design with very low ground clearance

- Low clearance height (32 cm) allows vacuum cleaning under furniture and tables.
- Also suitable for use in confined spaces thanks to its compact design.
- The robot also overcomes tight spaces with ease, allowing it to turn on the spot.



KIRA Robots app

- Full transparency with the KIRA Robots app with fleet management, live status, detailed cleaning reports and much more.
- Cleaning maps and schedules are easy to create and edit.
- Perfectly networked thanks to the integrated 4G/LTE mobile or wireless network connection.



36 V Kärcher Battery Power+ battery platform

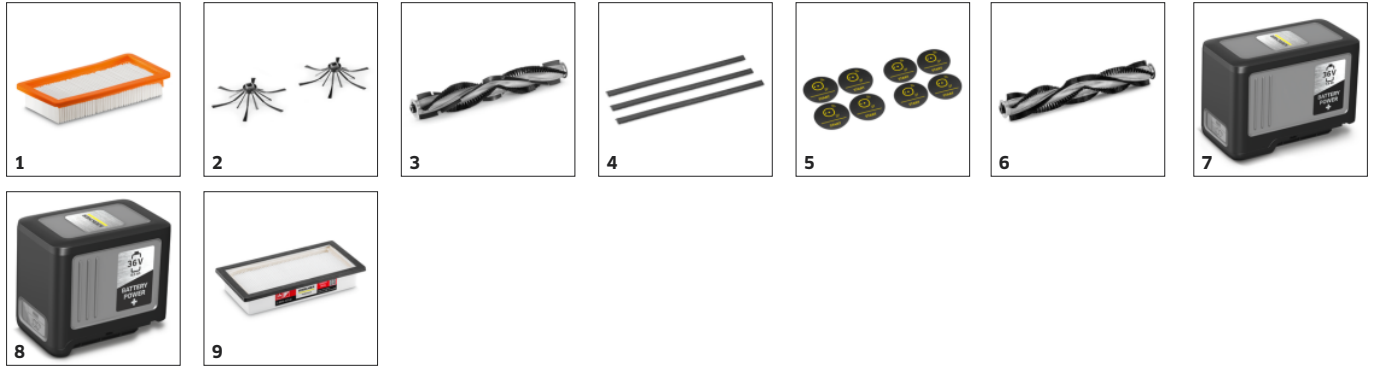
- Exchangeable batteries enable uninterrupted cleaning with no need to wait during charging.
- Use not restricted by location, for example can be used on several floors.
- Kärcher recommends the use of two exchangeable batteries for a longer runtime. Operation is also possible with just one battery.

SUSTAINABILITY ASPECTS OF KIRA CV 50
1.454-500.0

Sustainability aspects of Beyond Cleaning		
Standby Mode		
eco!Mode (energy saving mode)		

EQUIPMENT FOR KIRA CV 50

1.454-500.0



		Order no.	Description	
VACUUMS				
Filters				
Motor protective filter	1	6.414-631.0	Washable intermediate filter retains tiny airborne particles such as dust particles and allergens contained in humid air.	■
UPRIGHT BRUSH-TYPE VACUUM CLEANER ACCESSORY				
Accessories side broom KIRA CV50	2	2.889-428.0	Set of 2 side brushes for KIRA CV 50 robot vacuum cleaner.	■
Accessories roller brush KIRA CV50	3	2.889-429.0	Roller brush, universal, for KIRA CV 50 (350 mm).	■
Accessories rubber lip KIRA CV50	4	2.889-430.0	Rubber sweeping edge for the brush cover of KIRA CV 50.	■
Accessories Label KIRA CV50	5	2.889-431.0	Start markers for sticking to the wall for the KIRA CV 50 robot vacuum cleaner.	■
Roller brush full bristles KIRA CV 50	6	2.889-436.0	Specially developed for use on carpets: the roller brush has a working width of 350 mm and is tailored to the requirements of the KIRA CV 50.	□
BATTERIES				
Battery Power+ 36/75	7	2.445-043.0	A capacity of 7.5 Ah guarantees long runtimes for the Battery Power+ 36 V lithium-ion battery. Very powerful, with Real Time Technology via LCD display and protection against overcurrent.	□
Battery Power+ 36/60	8	2.042-022.0	Extremely powerful Battery Power+ 36 V lithium-ion battery with a capacity of 6.0 Ah for a long runtime. With innovative Real Time Technology via LCD display and voltage monitoring.	□
FILTER T/ NT				
HEPA filter for dust class H				
Accessories filter HEPA H13	9	2.889-425.0		□

■ Included in delivery. □ Available accessories.