

## 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               |
| Power supply for battery charger                    | V / Hz   | 100 - 240 / 50 - 60   |
| Software updates available until                    |          | 2031-01-01            |
| Weight without accessories                          | kg       | 15.4                  |
| Weight (with accessories)                           | kg       | 15.4                  |
| Weight incl. packaging                              | kg       | 25.1                  |

### 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

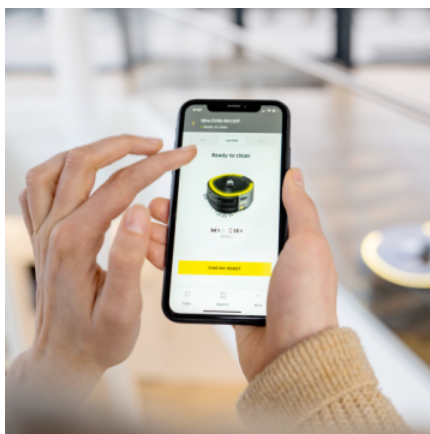
operation using app

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.



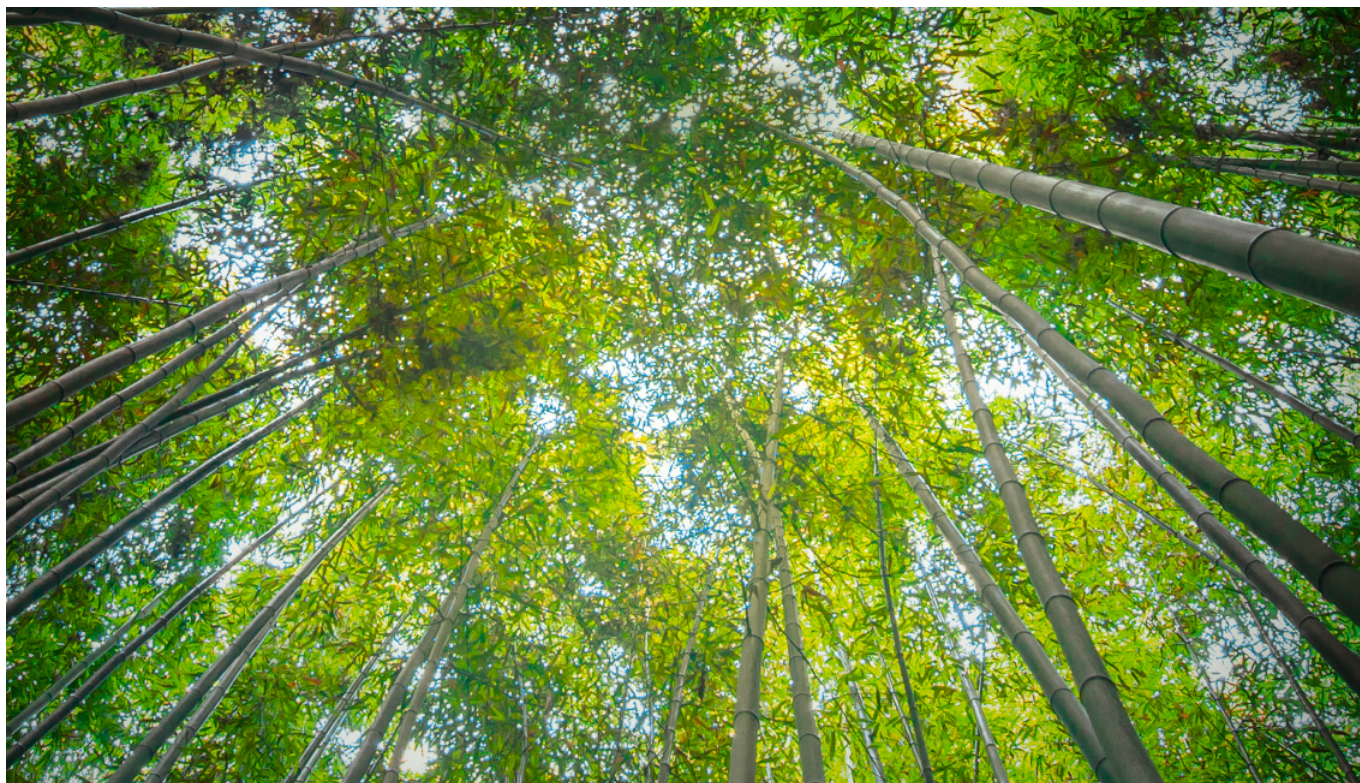
## 36 V Kärcher Battery Power+ battery platform

- 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 INFORMATION FROM KIRA CV 50**

### **1.454-500.0**



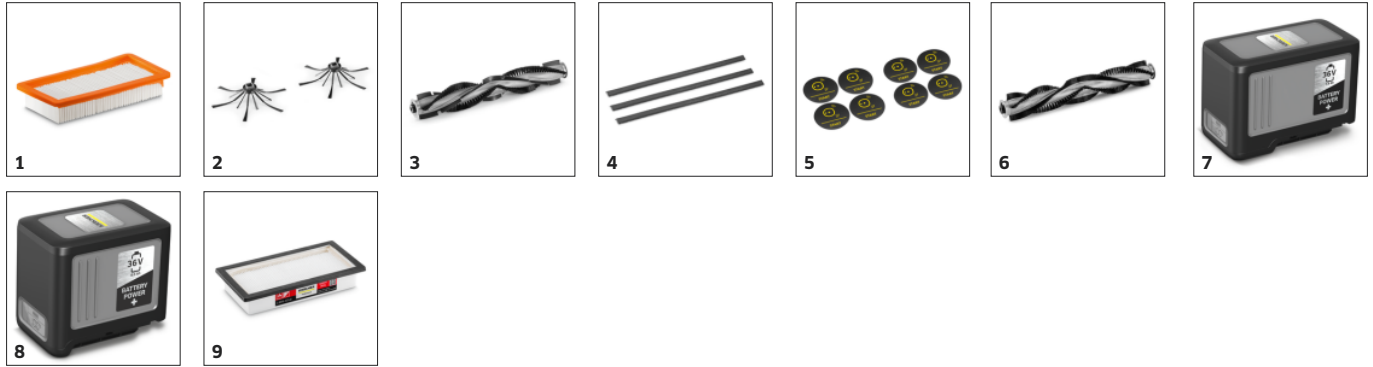
#### **Sustainability features**

Standby Mode

eco!Mode (energy saving mode)

## EQUIPMENT FOR KIRA CV 50

### 1.454-500.0



|                                                    |   | Order no.   | Description                                                                                                                                                                                 |   |
|----------------------------------------------------|---|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>VACUUMS</b>                                     |   |             |                                                                                                                                                                                             |   |
| <b>Filters</b>                                     |   |             |                                                                                                                                                                                             |   |
| 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.                                                                   | ■ |
| <b>UPRIGHT BRUSH-TYPE VACUUM CLEANER ACCESSORY</b> |   |             |                                                                                                                                                                                             |   |
| 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.                                               | □ |
| <b>BATTERIES</b>                                   |   |             |                                                                                                                                                                                             |   |
| 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.       | □ |
| <b>FILTER T/ NT</b>                                |   |             |                                                                                                                                                                                             |   |
| <b>HEPA filter for dust class H</b>                |   |             |                                                                                                                                                                                             |   |
| Accessories filter HEPA H13                        | 9 | 2.889-425.0 |                                                                                                                                                                                             | □ |

■ Included in delivery. □ Available accessories.