

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 ²	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 ² /h	max. 2365
Area performance per tank filling	m ²	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. 5.2
Speed, autonomous	km/h	max. 4.3
Sound pressure level	dB(A)	69

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 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

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 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.

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.