

KM 100/120 R BP PACK LI+FC

Designed for dusty interiors: the zero-emissions KM 100/120 R Bp Pack ride-on sweeper with a powerful 180 Ah lithium-ion battery, quick charger and hydraulic high container emptying.



Made in Germany



Order no.

1.280-174.0

- Electric sweeper, 180 Ah lithium-ion battery, battery charger, high container emptying
- 1000 mm working width, 6000 m²/h area performance, 120 l container volume
- 3 h battery run time, round filter, side brush on the right, flashing beacon

Technical data

EAN code		4066529080776
Traction drive		DC motor
Drive - Power	V	24
Drive type		Electric
Max. area performance	m ² /h	6000
Max. area performance with 2 side brushes	m ² /h	7620
Working width	mm	730
Working width with 1 side brush	mm	1000
Working width with 2 side brushes	mm	1270
Battery capacity	Ah	180
Battery voltage	V	25.6
Battery run time	h	max. 3
Waste container	l	120
Filter area	m ²	6
Weight (with accessories)	kg	548
Weight incl. packaging	kg	550.1
Dimensions (L × W × H)	mm	1807 × 1224 × 1500

Scope of supply

- Polyester round filter
- Wheels, pneumatic

Equipment

- Manual filter cleaning
- Automatic filter cleaning
- Main sweeper roller, floating
- Power steering
- Suction volume regulation
- Coarse dirt flap
- Overhead sweeping principle
- Traction drive, forwards
- Traction drive, reverse
- Suction
- Hydr. high dump
- Outdoor use
- Indoor use
- Elapsed time counter
- Sweeping function, can be switched off
- Side brush, automatically swings out

This machine requires instruction.



High productivity

- Excellent sweeping result thanks to floating roller brush system.
- Large waste container capacity (120 l) for long, uninterrupted use.
- Industrial design and proven components for few machine downtimes.



Convenient and safe operation

- High level of driving comfort and hydraulic high container emptying up to a height of 152 cm.
- Simple operation and clear and ergonomic arrangement of control elements.
- Logical connection of functions to prevent operating errors.



Lithium-ion batteries

- Quick charger to fully charge the battery in just 2 hours.
- Maintenance-free battery system without refilling with water.
- Long operating times and high productivity thanks to fast and interim charging.

ACCESSORIES FOR KM 100/120 R BP PACK LI+FC

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		Order no.	Description	
TRACTION BATTERIES AND CHARGERS				
Battery Chargers				
Li-Ion quick charger, 24 V	1	6.654-484.0	External quick charger (24 V/50 A) for charging the Li-Ion batteries of the scrubber dryers listed below.	■
Li-Ion battery charger, 24 V	2	6.654-483.0	External battery charger (24 V/12 A) for charging the Li-Ion batteries of the Kärcher scrubber dryers listed below.	□
Batteries				
Drive battery LIB 25,6V / 80Ah, 25,6 V, 80 Ah, Li-ion	3	6.654-454.0	Lithium-ion battery (25.6 V/80 Ah) for scrubber dryers from Kärcher. The traction battery offers up to 4-fold cycle stability compared to lead-acid batteries.	□
FILTERS				
Round filter				
Round filter	4	6.414-532.0	Moisture-proof, washable single round filter for Kärcher sweepers. Filter noticeably reduces maintenance costs.	■
MAIN SWEEPER ROLLER				
Standard roller brush				
Standard roller brush	5	6.905-095.0	Main roller brush with moisture-proof synthetic bristles for common hard surfaces in indoor and outdoor areas. Suitable for use on normal soiling and tested for high wear resistance.	■
Main sweeper roller, soft				
Reversing rolling mill soft KM 100/120 R	6	6.905-190.0	Main roller brush with soft natural bristles made of arenga fiber, specially designed for sweeping fine dust from smooth indoor and outdoor surfaces	□
Main sweeper roller, hard				
Reversing rolling mill hard KM 100/120 R	7	6.905-191.0	For removing stubborn dirt outdoors.	□
SIDE BRUSHES				
Standard side brushes				
Standard side brush	8	6.905-986.0	Standard side brush with moisture-proof universal bristles for normal soiling on all surfaces. Extremely durable.	■
Side brush, hard				
Side brush, hard	9	6.906-065.0	Removes stubborn dirt outdoors, moisture-proof, mildly abrasive	□
Side brush, soft				
Soft side brush	10	6.906-133.0	Sweeps fine dust on all surfaces, moisture-proof, for indoors and outdoors	□
OTHER ACCESSORIES SCRUBBER DRIERS				
Home Base accessories				
Home Base Kit litter picker	11	2.852-497.0	Litter picker including fastener on the machine.	□
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	12	2.644-391.0	The IoT module ⁹ is used to transmit information on the location and operating hours of battery-powered Kärcher cleaning machines and third-party devices to the equipment management system.	□
SPRAY EXTRACTION MACHINES				
Other				
Cleaning agent container, complete	13	4.070-006.0	Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base rail.	□
MOUNTING KITS FOR SWEEPERS AND VACUUM SWEEPERS				
Lighting				
Rear light	14	2.853-042.0	Rear light for Kärcher's KM 100/120 R vacuum sweeper. For increased visibility of the machine in all lighting conditions.	□

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

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MOUNTING KITS FOR SWEEPERS AND VACUUM SWEEPERS				
Lighting				
Spotlight blue	15	2.853-092.0	Blue spotlight for the KM 100/120 vacuum sweeper from Kärcher. The optical route warning device ensures maximum visibility and safety for people and the machine itself.	☐
Spotlight blue – ex works	16	2.853-092.7		☐
Work illumination	17	2.853-094.0	Working light attachment kit for the KM 100/120 R ride-on sweeper to illuminate the working area. Ideal for poorly lit areas of underground car parks or warehouses, for instance.	☐
Light attachment kit for compliance with StVZO (German Road Traffic Act)	18	2.853-185.0		☐
Light attachment kit for compliance with StVZO (German Road Traffic Act) – ex works	19	2.853-185.7		☐
Sweeping/Vacuuming				
Holder for NT 22/1 Ap Bp vacuum cleaner	20	2.853-030.0	Special holder for the 100/120 R vacuum sweeper. Allows the Kärcher NT 22/1 wet and dry vacuum cleaner to be transported, thereby facilitating cleaning in hard-to-access areas.	☐
Holder for NT 22/1 Ap Bp vacuum cleaner – ex works	21	2.853-030.7		☐
Add-on kit 4 side brushes	22	2.853-034.0	Attachment kit with four side brushes to double the working width of the KM 100/120 R Bp ride-on vacuum sweeper from Kärcher. Also facilitates safe sweeping right up to the edge of high drops.	☐
Add-on kit 4 side brushes – ex works	23	2.853-034.7		☐
Side brushes, left				
Second side brush left	24	2.852-913.0	Complete, including standard side brushes for increased area performance.	☐
Other mounting kits				
Ram protection	25	2.852-491.0	Stable impact protection for Kärcher KM 100/120 R vacuum sweeper. The robust construction effectively protects the front part of the machine from damage.	☐
Comfort seat	26	2.853-095.0	More comfort for fatigue-free work: the comfort seat with its folding armrests and 35° tiltable backrest enhances the ergonomics of the Kärcher KM 100/120 R sweeper.	☐
CABS AND PROTECTIVE ROOFS				
Protective roof				
Protective roof	27	2.852-828.0	Perfect for preventive protection from falling objects for cleaning applications in high-bay warehouses: the protection roof for Kärcher KM 100/120 R vacuum sweepers.	☐
TYRES, PUNCTURE-PROOF				
Rear tyre solid rubber non-chalking	28	6.435-698.0	Recommended for sweeping metal shavings, glass shards, etc. Prevents tyre tracks on light surfaces.	☐

☐ Available accessories.

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		Order no.	Description	
WATER SPRAYING SYSTEM				
Water spraying system for side brushes	29	2.852-835.0	Dust-binding spray system for the KM 100/120 R battery-powered vacuum sweeper from Kärcher. Set includes 20 l plastic tank and spray water nozzles on the side brushes.	☐

☐ Available accessories.