

KM 100/120 R G

Versatile KM 100/120 R G ride-on sweeper with convenient, hydraulic high container emptying and effective round-filter system with automatic cleaning for virtually dust-free sweeping.



Order no.

1.280-171.0

- Automatic filter cleaning system
- Ergonomic operating concept
- Fully hydraulic, low maintenance

Technical data

EAN code		4054278596839
Traction drive		Hydraulic
Drive- performance	kW	6.3
Drive type		Petrol
Max. area performance	m ² /h	7000
Max. area performance with 2 side brushes	m ² /h	8890
Working width	mm	730
Working width with 1 side brush	mm	1000
Working width with two side brushes	mm	1270
Waste container	l	120
Climbing ability	%	18
Working speed	km/h	7
Filter areas	m ²	6
Weight (with accessories)	kg	572.9
Weight, ready to use	kg	570
Weight incl. packaging	kg	575
Dimensions (L × W × H)	mm	1700 × 1195 × 1370

Equipment

Polyester round filter	■
Filter cleaning manual	■
Filter cleaning automatic	■
Main sweeper roller, floating	■
Power steering	■
Suction volume regulation	■
Coarse dirt flap	■
Overhead sweeping principle	■
Forwards traction drive	■
Backwards traction drive	■
Suction	■
Hydr. high dump	■
Outdoor use	■
Elapsed time counter	■
Sweeping function, can be switched off	■
Wheels, pneumatic	■
Catalyst	■
Side brush, automatically swings out	■
Side brush, pneumatically	■

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Users must receive training on this device.



High productivity

- Excellent sweeping result thanks to floating roller brush system.
- Large waste container capacity (120 l) for long, uninterrupted use.
- Robust 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.



Large filter area with automatic filter cleaning

- Automatic filter cleaning in five-minute intervals and after switching off.
- Efficient filter cleaning of the 6 m² filter area doubles the service life.
- Virtually dust-free, continuous sweeping regardless of the volume of dirt.

KM 100/120 R G, 1.280-1710, 2025-01-30

ACCESSORIES FOR KM 100/120 R G

1.280-171.0



		Order no.	Description	
FILTERS				
Round filter				
Round filter	1	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	2	6.905-095.0	Robust, extremely long-lasting standard roller brushes with water-resistant universal bristles. For cleaning surfaces with typical amounts of dirt.	■
Main sweeper roller, soft				
Reversing rolling mill soft KM 100/120 R	3	6.905-190.0	With natural bristles, ideal for sweeping fine dust on smooth surfaces in both inside and outside areas.	□
Main sweeper roller, hard				
Reversing rolling mill hard KM 100/120 R	4	6.905-191.0	For removing stubborn dirt outdoors.	□
SIDE BRUSHES				
Standard side brushes				
Standard side brush	5	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	6	6.906-065.0	Removes stubborn dirt outdoors, moisture-proof, mildly abrasive	□
Side brush, soft				
Soft side brush	7	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	8	2.852-497.0	Litter picker including fastener on the machine.	□
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	9	2.644-391.0	The IoT module* 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	10	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				
Street lighting	11	2.852-863.0	Retrofit light set for the KM 100/120 R ride-on sweeper for compliance with StVZO (German Road Traffic Act). Allows the machine to be used on public highways as a work machine without an operating licence.	□
Work illumination	12	2.852-904.0	For increased visibility, e.g. in underground garages or warehouses.	□
Spotlight blue	13	2.852-995.0	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	14	2.852-995.7		□

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

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MOUNTING KITS FOR SWEEPERS AND VACUUM SWEEPERS				
Lighting				
Rear light	15	2.853-029.0	Rear light for Kärcher's KM 100/120 R vacuum sweeper. For increased visibility of the machine in all lighting conditions.	☐
Sweeping/Vacuuming				
Holder for NT 22/1 Ap Bp vacuum cleaner	16	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	17	2.853-030.7		☐
Add-on kit 4 side brushes – ex works	18	2.853-135.7	Attachment kit with four side brushes to double the working width of the KM 100/120 R G ride-on vacuum sweeper from Kärcher. Also facilitates safe sweeping right up to the edge of high drops.	☐
Warning beacon				
Revolving signal light	19	2.852-911.0	Highly visible flashing beacon for the KM 100/120 R ride-on sweeper from Kärcher for increased occupational safety during cleaning applications indoors and outdoors.	☐
Side brushes, left				
Second side brush left	20	2.852-912.0	Complete, including standard side brushes for increased area performance.	☐
Other mounting kits				
Ram protection	21	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	22	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	23	2.852-828.0	Perfect for preventive protection from falling objects for cleaning applications in high-bay warehouses: the robust protective roof for Kärcher KM 100/120 R vacuum sweepers.	☐
TYRES, PUNCTURE-PROOF				
Rear tyre solid rubber	24	6.435-439.0	Recommended for sweeping metal shavings, glass shards, etc.	☐
Rear tyre solid rubber non-chalking	25	6.435-746.0	Recommended for sweeping metal shavings, glass shards, etc. Prevents tyre tracks on light surfaces.	☐
WATER SPRAYING SYSTEM				
Water spraying system for side brushes	26	2.852-992.0	Dust-binding spray system for the KM 100/120 RG petrol-powered vacuum sweeper from Kärcher. Includes 20-litre plastic tank and spray water nozzles on the side brushes.	☐

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