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.

Made in Germany

EASY-Operation

Order no.	1.280-171.0

- Sweeper with internal combustion engine, high container emptying
- 1000 mm working width, 6000 m²/h area performance, 120 l container volume
- Round filter, side brush on the right, flashing beacon, accessory storage

Technical data		
EAN code		4054278596839
Traction drive		Hydraulic
Drive – Power	kW	6.3
Drive type		Petrol
Max. area performance	m²/h	7000
Max. area performance with 2 side brushes	m²/h	8890
Working width	mm	730
Working width with 1 side brush	mm	1000
Working width with 2 side brushes	mm	1270
Waste container	l	120
Climbing ability	%	18
Working speed	km/h	7
Filter area	m²	6
Weight (with accessories)	kg	572.9
Weight, ready for operation	kg	570
Weight incl. packaging	kg	575
Dimensions (L × W × H)	mm	1700 × 1195 × 1370

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
Elapsed time counter
Sweeping function, can be switched off
Catalytic converter
Side brush, automatically swings out
Side brush, pneumatically controlled
Home Base fastening possibility

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.

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, 1.280-171.0, 2026-09-18

ACCESSORIES FOR KM 100/120 R G
1.280-171.0

1

2

3

4

5

6–7

8

9

10

12

13–14

		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	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	3	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	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[1] 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	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.	☐
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.

ACCESSORIES FOR KM 100/120 R G
1.280-171.0

15–16

17–18

19

20

21

22

23

24, 26

25

27

		Order no.	Description	
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.	☐
Rear light – ex works	16	2.853-029.7		☐
Sweeping/Vacuuming				
Holder for NT 22/1 Ap Bp vacuum cleaner	17	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	18	2.853-030.7		☐
Add-on kit 4 side brushes – ex works	19	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.	☐
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 protection roof for Kärcher KM 100/120 R vacuum sweepers.	☐
TYRES, PUNCTURE-PROOF				
Front tyre solid rubber non-chalking	24	6.435-452.0		☐
Rear tyre solid rubber	25	6.435-439.0	Recommended for sweeping metal shavings, glass shards, etc.	☐
Rear tyre solid rubber non-chalking	26	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	27	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.	☐

☐ Available accessories.