KM 105/180 R BP CLASSIC

Our battery-powered industrial sweeper, the KM 105/180 R Bp Classic, features fully hydraulic drives and a steel frame. Its compact design allows for flexible use both indoors and outdoors.

Made in Europe

Order no.	1.186-050.0

- Electric sweeper, high container emptying
- 1050 mm working width, 6300 m²/h area performance, 180 l container volume
- Pocket filter, side brush on the right, flashing beacon

Technical data		
EAN code		4054278630649
Drive type		Electric
Traction drive		DC motor
Drive – Power	V / kW	36 / 2.5
Max. area performance	m²/h	6300
Working width	mm	780
Working width with 1 side brush	mm	1050
Working width with 2 side brushes	mm	1300
Battery capacity	Ah	240
Battery voltage	V	36
Battery run time	h	max. 2.5
Waste container	l	180
Climbing ability	%	14
Working speed	km/h	6
Filter area	m²	5.2
Weight (with accessories)	kg	530
Weight, ready for operation	kg	850
Weight incl. packaging	kg	530
Dimensions (L × W × H)	mm	1847 × 1065 × 1388

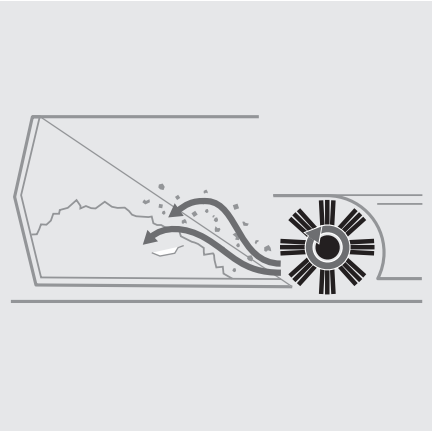
Scope of supply
Pocket filter
Wheels, solid rubber

Equipment
Manual filter cleaning
Automatic filter cleaning
Adjustable main sweeper roller
Main sweeper roller, floating
Suction volume regulation
Dustpan principle
Traction drive, forwards
Traction drive, reverse
Suction
Hydr. high dump
Outdoor use
Indoor use
Battery indicator
Elapsed time counter
Sweeping function, can be switched off
Side brush, automatically swings out

This machine requires instruction.

Robust design of the machine for safe work

- Fully hydraulic traction drive, main sweeper roller and side brush drive.
- Leads to longer service life of components and machine.
- Standard flashing beacon increases safety for user and environment.



Dustpan principle

- Guarantees good cleaning results also with fine waste.
- Effortless pick-up of coarse waste.
- Low dust production.

Simple operation, maintenance and servicing

- Intuitive operation using levers.
- Main sweeper roller and filter can be replaced easily without tools.
- Easy access to all key components.

KM 105/180 R Bp Classic, 1.186-050.0, 2026-10-02

ACCESSORIES FOR KM 105/180 R BP CLASSIC
1.186-050.0

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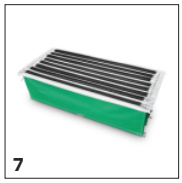
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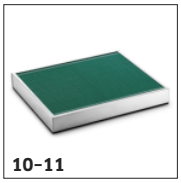
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		Order no.	Description	
TYRES, PUNCTURE-PROOF				
Tyres set solid rubber	1	4.515-116.0	Puncture-proof and recommended for sweeping metal shavings, glass shards, etc.	■
Tyres set solid rubber non-chalking	2	4.515-117.0	Recommended for sweeping metal shavings, glass shards, etc. Avoids tyre marks on light surfaces.	☐
TRACTION BATTERIES				
Battery	3	6.981-067.0	With central filling system. Up to three hours runtime without charging.	☐
CHARGERS				
Battery charger	4	6.981-066.0	For charging battery 6.981-067.0.	☐
WATER SPRAYING SYSTEM				
Water spraying system for side brushes	5	2.852-811.0	Spraying system for binding dust. Consisting of a 40 litre stainless steel water tank and spray water nozzles on the side brushes.	☐
FILTERS				
Pocket filter				
Pocket filter white	6	6.981-063.0	Pocket filter for KM 150/500 R D Classic vacuum sweeper with the dimensions 1100 × 500 × 320 mm. Ideal for very fine dusts and large quantities of dirt thanks to 10.5 m² filter area.	■
Pocket filter colour green	7	6.981-062.0	Developed for very dusty applications: Pocket filter, water-resistant, large filter area (10.5 m²) for large quantities of fine dust. Dimensions: 1100 × 500 × 320 mm; for KM 150/500 R D Classic.	☐
Filter conversion kit				
Add-on kit pocket filter	8	2.852-817.0	For professional, industrial applications: pocket filter made from sturdy fleece material. Ideal for use with our vacuum sweeper KM 105/180 R and with an impressively long lifespan.	■
Add-on kit round filter	9	2.852-815.0	Powerful round filter with long lifetime for our vacuum sweeper KM 105/180 R. Suitable for industrial applications. The easy access facilitates maintenance and changeover.	☐
Add-on kit flat pleated filter	10	2.852-816.0	Flat pleated filter for demanding, industrial applications. Suitable for our vacuum sweeper KM 105/180 R. The easy access to the filter facilitates the changeover and maintenance.	☐
Flat pleated filter				
Flat pleated filter green	11	6.981-061.0	Provides high separation degree, saves on maintenance costs, ensures optimum waste air cleaning.	☐
MAIN SWEEPER ROLLER				
Main sweeper roller, soft				
Main sweeper roller, soft	12	6.981-054.0	Main roller roller with soft polypropylene bristles, specifically designed for sweeping fine dust from smooth indoor and outdoor surfaces	■
Standard roller brush				
Standard roller brush	13	6.981-053.0	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, hard				
Main sweeper roller, hard	14	6.981-055.0	For removing stubborn dirt outdoors.	☐

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

ACCESSORIES FOR KM 105/180 R BP CLASSIC
1.186-050.0

15, 17

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		Order no.	Description	
SIDE BRUSHES				
Standard side brushes				
Side broom standard	15	6.981-049.0	Water-resistant universal bristles, durable, suitable for all surfaces.	■
Side brush, hard				
Side brush, soft	16	6.981-051.0	Removes stubborn dirt outdoors, moisture-proof, mildly abrasive	☐
Side brush, soft				
Side broom soft	17	6.981-050.0	Sweeps fine dust on all surfaces, moisture-proof, for indoors and outdoors	☐
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	18	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.	☐
MOUNTING KITS FOR SWEEPERS AND VACUUM SWEEPERS				
Lighting				
Spotlight blue	19	2.852-802.0	Blue spotlight for the KM Industrial vacuum sweeper from Kärcher. The optical route warning device ensures maximum visibility and safety for people and the machine itself.	☐
Spotlight blue – ex works	20	2.852-802.7		☐
Work illumination	21	2.852-801.0	For increased visibility, e.g. in underground garages or warehouses.	☐
Street lighting	22	2.852-809.0	For increased work safety on the factory site: road lights consisting of indicators and working lights.	☐
Sweeping/Vacuuming				
Side brush cover	23	2.852-812.0	Side brush cover reduces dust dispersion.	☐
Side brush cover – ex works	24	2.852-812.7		☐
Holder for NT 22/1 Ap Bp vacuum cleaner	25	2.852-814.0	Holder for industrial sweepers for carrying the NT 22/1 wet and dry vacuum cleaner from Kärcher. Makes it easier to clean corners and gaps in one work step.	☐
Side brushes, left				
Second side brush left	26	2.852-808.0	Complete, including standard side brushes for excellent cleaning results.	☐
Other mounting kits				
Ram protection	27	2.852-620.0		☐
Rear-view mirror	28	2.852-810.0	Rear mirror at the side for our vacuum sweeper KM 105/180 R. For enhanced vision and safety.	☐

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

ACCESSORIES FOR KM 105/180 R BP CLASSIC
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		Order no.	Description	
MOUNTING KITS FOR SWEEPERS AND VACUUM SWEEPERS				
Other mounting kits				
Add-on kit stainless steel container – ex works	29	2.853-028.7	Stainless steel waste container for waste and areas of application with increased risk of corrosion.	☐
CABS AND PROTECTIVE ROOFS				
Protective roof				
Protective cabin without glazing	30	2.852-807.0	The protection cabin with a steel frame complies IEC 60335-2-72.	☐

☐ Available accessories.