

KM 120/150 R Bp 2SB

The KM 120/150 R Bp 2SB is a compact, modern and functional vacuum sweeper for the professional use on medium-sized to big areas with a working width of 1200 mm respectively 1450 mm. Like all Kärcher sweepers also the KM 120/150 R Bp 2SB fulfils the strict german standards for safety and is awarded with the TÜV/GS-sign for certificated safety and ergonomics.

Standard accessories:

- Round polyester filter
- Manual filter cleaning system
- Automatic filter cleaning
- Traction drive electric
- Adjustable roller brush
- Floating main roller brush
- Adjustable suction power
- Bulk waste flap
- Overthrow sweeping principle
- Travel drive - forward
- Travel drive
- reverse
- Vacuum
- Hydraulic container lift
- Outdoor applications
- Indoor applications
- State-of-charge indicator
- Operating hour meter
- Sweep function (can be switched off)
- Wheels
- solid rubber
- Side brush
- left
- Bumper bar



Order no.: 1.511-204.0

Technical data

Drive	DC motor
Drive – power	24 V / 2.3 kW
Max. area performance (m ² /h)	8700
Working width (mm)	850
Working width with 1 side brush (mm)	1200
Working width with 2 side brushes (mm)	1450
Battery Capacity (Ah)	240
Battery Voltage (V)	24
Container (l)	150

Vacuum sweepers ride-on

KM 120/150 R Bp 2SB



Technical data

Hill climbing ability (%)	12
Operating speed (km/h)	6
Filter area (m ²)	9
Weight (kg)	490
Weight, ready to operate (kg)	-
Dimensions (L x W x H) (mm)	1900x1223x1390

Details

Description

The machine works with the overthrow-principle. That means the waste will be transported over the main brush backwards to the container (filling of the container up to 100 %). By using the "power button" on the control panel the main brush can be switched from fixed to floating mounted main brush. After switching off the machine or deactivating the main brush it switches back automatically to the wear optimized fixed position. This increases the life time of the main brush and reduces the sweeping costs noticeable. The control of all drive and sweep functions is possible via one selection button. When getting off the KM 120/150 R Bp 2SB the machine will be switched off and the two brushes will be lifted automatically because of the sensor meadow which is installed into the seat. The main brush can be changed without tool. The bulk waste flap is activated by a pedal. The effective round filter system with 9 sqm filter area and filter shaker guarantees almost dust free sweeping. Additionally equipped with the new continuous filter cleaning device it is possible to sweep even in fine dust areas without stop. The washable Polyesterfilter is equivalent to the BIA-Cat. M with a separation efficiency of 99,9%. The hydraulically operated sweeping container with 150 l capacity can be evacuated in different heights (from 0,5 to 1,5 m). This allows an almost dust-free emptying due to the small distance to garbage containers. The new operation concept ensures a simple handling of the machine. Comfortable access from both sides by smaller entrance height. The adjustable steering wheel and the also adjustable seat with armrest enables a long and save working time.

Application

According to the main target groups - Industry, - Logistics, - Contract cleaners we attached importance on a robust shape and design, as well as motorizing (2,3 kW) and mounting kits meets demands, (e.g. the protection roof).

Features & Benefits

Button to change between fixed and floating mounted main brush. After switching off the machine or deactivating main brush it switches back to the wear optimized fixed position automatically. - USP - increased main brush life time - reduced sweeping costs Extremely long working times without stop is possible by the continuous filter cleaning device. 2 of the 3 filter elements will be cut off from suction and can be then easily cleaned with the filter shaker. - perfect performance in fine dust applications - efficient working time (no extra stop for filter cleaning necessary) - continuous excellent cleaning result Hydraulic container lift with infinitely variable emptying height between 0,5 and 1,5 m. Container is tilting backwards. Large 150 l container with integrated round filters (9 sqm). Easy access to filters. - emptying of container in all standard garbage bins possible - very low dust formation expected as the container can be emptied very close into garbage bins - container can be stopped in each position, therefore easy to clean New user concept (1 selection button) which will be used on all ride-on sweepers and bigger scrubbers in future. - easiest to use - learn to drive one, be able to drive them all The KM 120/150 R Bp 2SB is striking because of the high user comfort like adjustable steering wheel and adjustable seat, the inimitable Eco-Function of the main brush and the continuous filter cleaning device. Traction drive, main brush and both side brushes are fully electrically driven. Hydraulic lifting/lowering of main brush and side brushes. - designed for industrial use - low maintenance - no bowden cables - robust - long life time

Accessories

Lighting

ABS StVZO lighting

Prescribed lighting for operation on public roads

Order no. 2.641-228.7



Main roller brush, hard

Roller brush, hard

For the removal of stubborn dirt outdoors

Order no. 6.906-723.0



Main roller brush, soft/natural

Main roller brush, soft/natural

Specially designed with natural bristles for sweeping fine dust on smooth floors indoors

Order no. 6.906-722.0



Other mounting kits

Continuous, automatic filter cleaning

Continuous motor-powered shaker automatically cleans round filter

Order no. 2.641-220.7



Other mounting kits

Waste flap

For larger collected objects

Order no. 2.640-909.0



Reverse travel signal

Sounds warning signal when reversing

Order no. 2.640-983.0



Protective roof for operator

Protective roof for operator

Necessary for operating sweeper in high-bay warehouses. Complies with IEC 60335-2-72

Order no. 2.640-981.7



Round filter

Round filter

Synthetic filter, moisture-proof, washable, saves maintenance costs

Order no. 6.414-554.0



Side brush, hard

Side brush, hard

Removes stubborn dirt outdoors, moisture-proof, mildly abrasive

Order no. 6.906-721.0



Side brush, soft

Side brush, soft

Sweeps fine dust on all surfaces, moisture-proof, for indoors and outdoors

Order no. 6.906-720.0



Standard main roller brushes

Standard main roller brush

Moisture-proof universal bristles, longlife, suitable for all surfaces

Order no. 6.906-624.0



Standard side brushes

Standard side brush

Moisture-proof universal bristles, longlife, suitable for all surfaces

Order no. 6.906-705.0



Sweeping/Vacuuming

Suction hose

For cleaning corners

Order no. 2.641-074.7



Traction batteries and chargers for vacuum sweepers - 24 V

Battery and charger set (in tray)

With built-in charger

Order no. 2.640-996.0



Battery and charger set (in tray)

With built-in charger

Order no. 2.641-044.0



Battery (in tray)

with central filling system

Order no. 6.654-112.0



Charger

For battery 6.654-112

Order no. 6.654-143.0



Battery (in tray)

Up to four hours of running time without charging

Order no. 6.654-156.0



Charger

For battery 6.654-156.0

Order no. 6.654-188.0



Tyres, puncture-proof

Puncture-proof tyres (set), solid rubber, non-marking

Avoid tyre marks on light surfaces

Order no. 2.641-046.7



Puncture-proof tyres (rear), solid rubber, non-marking

Avoid tyre marks on light surfaces. Two required

Order no. 6.435-698.0



Warning beacon

360° warning beacon

For increased safety

Order no. 2.641-078.7



360° warning beacon

For increased safety. Mounts to protective roof on KM 120/150 R Bp / Bp Pack

Order no. 2.641-111.7

