

KÄRCHER

makes a difference



INNOVATIONS THAT SET THE STANDARD

The configurable ride-on industrial sweeper.

PROFESSIONAL | KM 105/110 R



Top Performance in a compact, maneuverable unit.

Kärcher's pioneering KM 105 ride-on sweeper features an innovative combination of technology and functionality for an intelligent solution to your cleaning needs. The control panel's ergonomic layout is simple to use, with smartly grouped controls that promote intuitive operation. The KM 105 is compact and extremely maneuverable, with a turning radius that can easily accommodate hallways as narrow as 78" wide. It delivers excellent cleaning performance and is easy to service, making this ride-on sweeper a great addition to your cleaning operation.

Equipped for all tasks.

For improved versatility and maximum cleaning power, the KM 105 is available with a wide range of Kärcher accessories that help you utilize the machine's full potential. A variety of roller brushes and attachments, including a second side brush, expand your cleaning options and improve performance. A canopy, flashing beacon and working lights improve safety and extend the operating range.



1 Safety matters

Every KM 105 can be equipped with an optional flashing beacon, working light and canopy for improved safety.

2 Sit comfortably - relaxed and stress-free

Whether you select the standard or comfort seat, the KM 105 is built for comfort.

3 Intuitive operation

The control panel and operating elements are clearly arranged and easily accessible in the ergonomically designed cockpit.

4 Maximum maneuverability

The front wheel drive and compact dimensions make this machine extremely maneuverable. The KM 105 can even turn in passageways as small as 78" wide.

5 Strong side brushes

A third optional left side brush is available to simplify the cleaning of edges and corners, and increase the working width.

6 Protected sweeping system

The roller brush on the KM 105 is located on the rear axle. The sweeping system follows the rear wheels and is protected from damage when negotiating obstacles.

7 Everything on-board

With the practical Home Base system, items like a broom, litter picker, buckets and cleaning cloths can be secured safely to the machine and carried on board.

8 Large storage area

A generously sized storage area is located at the rear of the KM 105 for transporting large items.

Individual flexibility.

The KM 105 can be custom-tailored to suit your individual requirements. A wide selection of options allows you to configure the machine in virtually any combination needed to get the job done. Choose from a variety of seats, tires, and side brushes, and safety accessories including a canopy, flashing beacon, working lights and much more!



1 Container lift on KM 105/110 R
The hydraulic container lift can reach a height of 61". The waste container tilts backwards to protect the operator from dust dispersion.



2 Emission-free battery power
The environmentally-friendly battery drive can be used both indoors and outdoors.

Intelligent yet simple.



1 The key to more success

The key to advanced operator control is KIK: Kärcher Intelligent Key. This allows customizable machine settings for individual users, supervisors and authorized service technicians. It is programmable in 19 languages, and features a display that includes important operating information, such as the wear of the main roller brush and more.

2 Roller brush at back, performance right at the front

The roller brush is located on the rear axle to allow for a larger cleaning diameter and efficient filling of the hopper. This also provides excellent access for safety checks and roller brush replacement, and allows the machine to safely negotiate obstacles and ramps without causing damage.

3 Easy tool-free service access

Important components are easily accessible via the wide-opening side panel.

4 Sweeping corners made easy

The standard crescent side brush is automatically activated when turning corners, the KM 105/110 R sweeps corners efficiently in just one stroke, without any manual labor.

5 Dust-free operation

The KM 105/110 R features a highly effective, fully automatic filter cleaning system called Tact. A compact, nano-coated polyester filter utilizes pulses of pressurized air for deep cleaning during operation, resulting in optimal cleaning, long life and continuous dust-free operation.

6 Always the right contact pressure

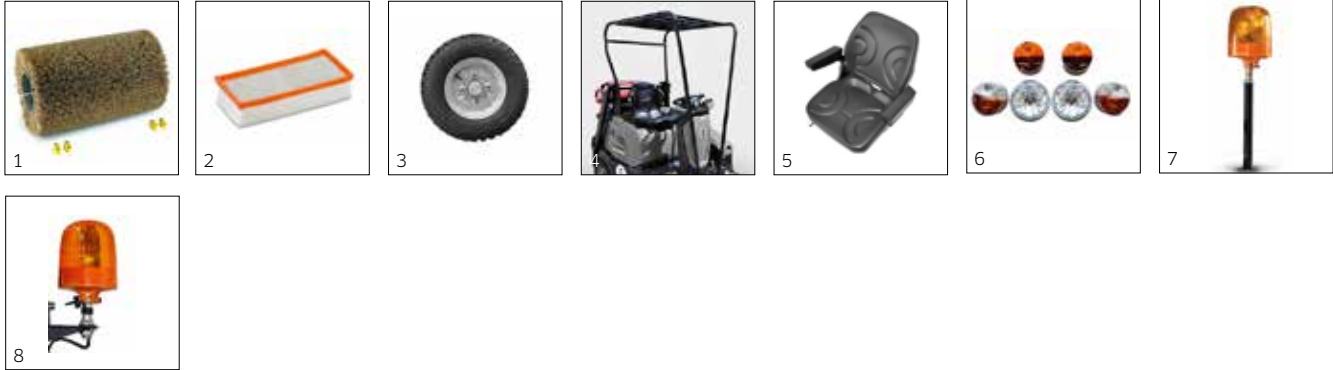
The Teach system automatically adjusts the contact pressure of the roller brush to reduce wear without the need for manual adjustment. Operators can choose between three different settings: eco/efficiency, medium or heavy.

Technical Data and Equipment.

		KM 105/110 R Bp (no batteries)	KM 105/110 R Bp (Wet)	KM 105/110 R Bp (AGM)
Technical data				
Engine performance	hp	2.0 (1.44 kW)	2.0 (1.44 kW)	2.0 (1.44 kW)
Travel speed	mph	3.7 (6 km/h)	3.7 (6 km/h)	3.7 (6 km/h)
Turning radius	feet	< 6.6 (2 m)	< 6.6 (2 m)	< 6.6 (2 m)
Sweeping width	inches	25 (640 mm)	25 (640 mm)	25 (640 mm)
Sweeping width with 1 side brush	inches	41 (1050 mm)	41 (1050 mm)	41 (1050 mm)
Sweeping width with 2 side brushes	inches	55 (1400 mm)	55 (1400 mm)	55 (1400 mm)
Waste container capacity	gallons	29 (110 l)	29 (110 l)	29 (110 l)
Max. unloading height	inches	61 (1.55 m)	61 (1.55 m)	61 (1.55 m)
Climbing ability (max)	%	12	12	12
Area performance 2 side brushes (right + crescent)	ft²/h	67800 (6300 m ² /h)	67800 (6300 m ² /h)	67800 (6300 m ² /h)
Area performance 3 side brushes (right + left + crescent)	ft²/h	90400 (8400 m ² /h)	90400 (8400 m ² /h)	90400 (8400 m ² /h)
Weight	lbs	982 (445 kg)	1389 (630 kg)	1389 (630 kg)
Dimensions	inches	70 x 49 x 57 (1800 x 1250 x 1450 mm)	70 x 49 x 57 (1800 x 1250 x 1450 mm)	70 x 49 x 57 (1800 x 1250 x 1450 mm)
Standard equipment				
Standard seat		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pneumatic tires		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TACT filter cleaning system		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Easy Operation (one-switch operation)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Footprint System (different roller brush contact pressures)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Teach System (automat. adjustment to roller brush wear)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Standard main sweeper roller, soft, natural bristles		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Standard right side brush		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Standard crescent side brush		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
KIK operating keys (2 x yellow, 1 x grey)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Storage at the rear		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery and shelf charger		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery, 295 Ah, low-maintenance		<input type="checkbox"/>	<input checked="" type="checkbox"/>	-
Battery, 285 Ah, AGM low-maintenance		<input type="checkbox"/>	-	<input checked="" type="checkbox"/>
Optional accessories				
Left side brush		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Comfort seat (different price to Standard)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solid rubber tires (different price to Standard)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Full rubber tires, non-marking (different price to Standard)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canopy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flashing beacon on the canopy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flashing beacon		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home Base kit		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Working light		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Litter picker		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Side brush, soft (6.966-065.0)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Side brush, hard (6.906-705.0)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main roller brush, normal hardness (4.762-529.0)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Main roller brush, hard (4.762-524.0)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Order No.		9.841-354.0	9.841-355.0	9.841-350.0
				9.841-352.0
				9.841-351.0
				9.841-353.0

■ Included in delivery. □ Available accessories.

Accessories.



Standard Accessories (included)

Order No.	Description	Image
4.762-523.0	Main Roller Brush, soft, natural bristles, 25" (640mm)	1
6.966-065.0	Side Brush, soft - standard for Bp machine	
6.907-352.0	TACT Filter (2 required)	2
2.851-683.0	Pneumatic Tires, standard for BP machine (set of 2)	3
8.622-842.0	Battery, 295 Ah low maintenance	
8.629-184.0	Battery, 285 Ah, AGM	
8.628-407.0	Battery charger, 24V, 25A, C175 115V. For use with 8.622-842.0 Wet batteries	
8.632-076.0	Battery charger, 24V, 25A, SB175 115V. For use with 8.629-184.0 AGM batteries	

Optional Accessories

Order No.	Description	Image
4.762-524.0	Main Roller Brush, hard, 25" (640mm)	
6.906-705.0	Side Brush, hard	
4.762-529.0	Main Roller Brush, 25" (640 mm)	
6.966-063.0	Side Brush, normal hardness	
2.851-685.0	Wheel, solid rubber, non-marking (set of 2)	
2.851-261.0	Overhead Guard	4
2.851-381.0	Comfort Seat	5
2.852-059.0	Working Lights	6
2.852-057.0	Warning Beacon, on post	7
2.852-058.0	Warning Beacon, on overhead guard	8
2.640-908.0	Litter picker	

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