

# KÄRCHER

makes a difference



## PERFECT SWEEPING – NOT ONLY IN THE CITY CENTRE

The MC 80 vacuum sweeper: comfortable, maneuverable, environmentally friendly



# TAKES EVERYTHING AS IT COMES.

For the professional performance of your municipal tasks you need the right machine at the right time in the right place. You are ideally prepared with Kärcher municipal machines. Our MC 80 vacuum sweeper has precisely the power, flexibility and environmental friendliness that you need.





# ROBUST. COMPACT. EFFICIENT.

Comfortable large cab  
with 360° panoramic view

Compact dimensions

State-of-the-art diesel technology\*

Individual brush control and lift

Prepared for different attachment kits  
(e.g. weed brush)

\* MC 80, MIC 35 and 42 comply with the exhaust emissions values of STAGE V acc. to 97/68 EC.



Clever service concept

Innovative articulated steering

Large-volume container  
with high load capacity

Robust frame concept based  
on construction machines

True track for 100% directional  
stability

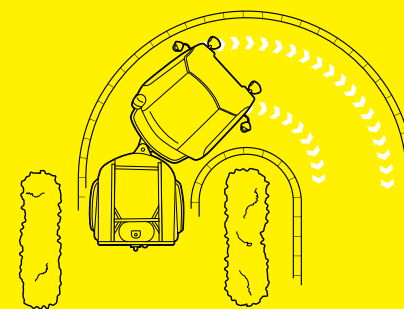
Automatic coarse dirt flap,  
protected between the wheels

We don't want to impress every-  
one, just those who are important:  
heads of operations, operators,  
workshop employees and every-  
one who works with our municipal  
machines. With innovative equip-  
ment details, excellent comfort

and a clever service concept, you  
can use your Kärcher municipal  
machine at any time of year and  
in all weather conditions, even  
in urban green zones. You will be  
amazed over and over again.

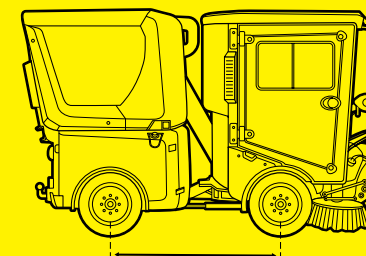


# EXACTLY WHAT YOU NEED.



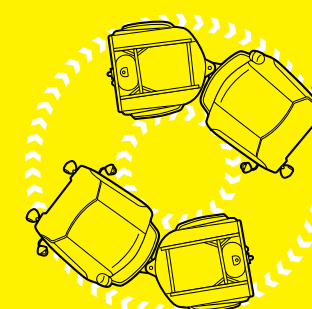
## Incredibly compact

For applications in urban areas the compactness of the vehicle is a decisive factor and advantage. We designed our municipal machines as narrow, short and low as is technically possible. We also kept the centre of gravity and the access point very low.



## Comfort and safety

The long wheelbase of our municipal machines is the basis for comfortable and safe work. Here we found an optimal compromise for unrestricted manoeuvrability.



## More than manoeuvrable\* flexible

With our innovative articulated steering we have made the seemingly impossible possible. The trailer always runs exactly in the track of the front vehicle. Thanks to this extreme manoeuvrability and the 100% directional stability, our municipal machines easily drive around every obstacle and every kerb. Guaranteed without hitting anything.

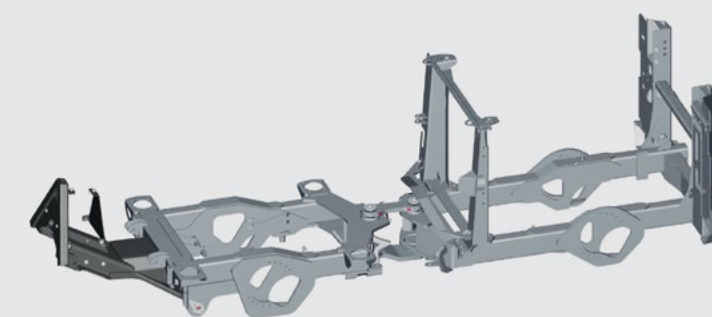
**Our municipal sweepers combine compact dimensions with robust quality and a powerful drive with superb environmental friendliness. The logical operating concept is intuitive. The neat and comfortable large cab provides lots of comfort all year round. Thanks to the various attachment kits and the quick access to all service components, you complete all work quickly and efficiently.**

## Robust design for day-to-day heavy-duty work

The support frame of our municipal sweepers is taken from the world of construction machines. This thick-walled special structure confidently carries all vehicle components, attachment kits and payloads. The high axle loads allow the pick-up of large volumes of waste and thus very long work intervals.

## Your comfort cab

The spacious cab provides exceptional comfort and enhanced safety. Thanks to the 360° panoramic view you can keep your eye on the entire surroundings. Like all Kärcher cabs, the cab is ROPS-certified. The efficient ventilation system or the optional air-conditioning system ensures optimal working conditions in hot and cold weather.





# POWERFUL. CLEAN. VERSATILE.



**Motor rating, sweeping result, emissions legislation: the demands placed on a municipal machine are diverse and high. Our MC 80 passes the test with flying colours!**

Emissions legislation is tightening up worldwide. This places stricter demands on current drive systems. The MC 80 is ideally equipped with its 42 HP (31 kW) Yanmar three-cylinder diesel engine with particulate filter. Despite the extremely powerful motor rating, the emission values comply with Tier 4 Final. This means you can also use the MC 80 in green zones. In addition, you take the pressure off your budget with the low fuel consumption.

## **Sweeping at the highest level**

We developed the MC 80 as a pure vacuum sweeper entirely in accordance with the requirements of our customers. The focus was on sweeping in narrow, winding areas, as well as large squares and car parks. Thanks to a variety of attachment kits, you have the option to make daily sweeping even more efficient and flexible.

## **Towed brush system**

The towed brush system offers a host of advantages. Even more flexibility thanks to more compact dimensions (length). The dirt pick-up is even more efficient due to the short distance between the brush and the suction mouth. At the same time, the brushes are protected against frontal collisions and damage thanks to the coupling triangle.

## **More than meets the eye behind the large flap**

With our MC 80 the suction mouth with the automatic coarse dirt flap is protected within the wheel contour of the front wheels. Large items and dirt, such as plastic bottles, are automatically collected. When reversing, the suction mouth is automatically hydraulically lifted. This technology practically eliminates any risk of collision damage.

## **Spacious waste container**

The large-volume waste container with 211 gallons (800 litres) and a fresh water volume of 49 gallons (185 litres) makes possible long work intervals without interruption.

## **More than just sweeping**

You can extend the spectrum of use of your MC 80 with various attachment kits: 3rd side brush, weed brush, wander hose or high-pressure cleaner. Thanks to the clever hydraulics system, weed removal and pick-up are possible in one step, for example.



# MAKE YOURSELF COMFORT- ABLE.



## A comfortable workstation

To be honest, we are very proud of the cabs in our municipal machines. The low access point on both sides ensures you get the working day off to a good start. In the cab you enjoy a pleasant atmosphere with lots of space, neatly arranged controls and practical equipment details: windows that open on both sides, bottle holder, USB charging points and an optional lockable storage compartment or air suspension seat with integrated document compartment.

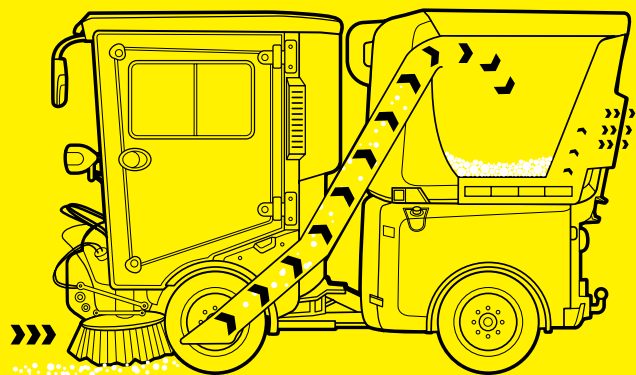
From the cab you have a 360° panoramic view for enhanced safety. Thanks to the innovative all-round ventilation system you enjoy a pleasant inner climate in all weather conditions. You can adjust and monitor all machine data and functions on the intuitive multi-functional display. If you opt for the suction mouth rear view camera, you see its image on a separate 5" display. Our MC 80 was awarded the AGR quality label (Aktion gesunder Rücken e.V.) for its exceptional ergonomics.

## Service and maintenance: made easy

The high-quality components of the MC 80 allow long maintenance intervals of around 500 hours. This increases productivity and lowers workshop use considerably. You also have it very easy when service, maintenance or cleaning work is due. You reach all relevant components quickly and with minimum effort. The hinged side panel can be removed if required without the need for any tools. Cleaning work on the fuel filter or air-conditioning cooler is also easily completed.



# SWEEPING. VACUUMING. DONE.



## **Intuitive operation. In every detail**

Our MC 80 vacuum sweeper has a towed parallelogram-guided two-brush system with individual brush control. You can set and adjust many sweeping parameters, e.g. the speed of the brushes. The brushes themselves can be controlled separately using 2 joysticks. This means you can move the brush to the side or lift it. Using the ECO button you can restore the last used settings upon restart at the push of a button. This way you save lots of time again and again.

## **Innovative suction mouth control incl. complete protection**

The suction mouth with automatic coarse dirt flap is located between the front wheels. Any risk of collision damage is practically eliminated.

## **Vacuuming. Reinterpreted.**

The suction turbine of our MC 80 is made from an innovative composite material, is optimised for aerodynamic efficiency and works very quietly, saving fuel and protecting the drive. The waste is collected in a 211 gallon (800 litre) waste container and conveniently emptied in typical standard containers by means of high dump. You control the process itself directly from the cab, without having to exit the cab. In conjunction with our water reclamation system the container size allows long working periods.

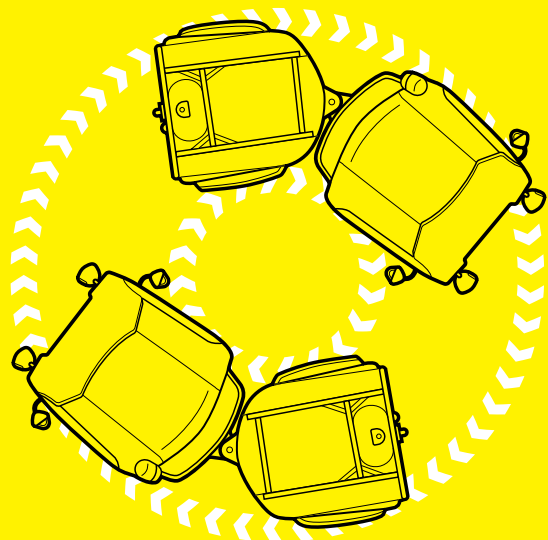
## **Cleaning made easy**

We want to make cleaning your machine simple for you. For this, the suction hose can be easily removed without any tools and cleaned in an instant. The waste container is designed so that the dirt cannot be deposited anywhere. Simple cleaning with a high-pressure cleaner is sufficient. You can also easily and quickly remove and clean the screen of the water reclamation system.





# ONE FOR ALL.



## Even more flexibility

We aim to satisfy your individual needs. This is why we offer numerous optional attachment kits and accessories for the MC 80 to help you perform all daily sweeping tasks.

## Wander hose – a simple, clever solution

With the almost 16.4 feet (5 metre) long wander hose you are optimally equipped for the manual pick-up of waste in all other areas that you cannot reach with a sweeper. Bulky or coarse objects in chutes, bins, etc., are no longer a problem. The wander hose is fitted centrally on the waste container so that you can work comfortably on both sides of the vehicle. The telescopic dirt scraper of the waste container serves as a handle.

## Unlimited versatility

Via the coupling triangle you can fit the 3<sup>rd</sup> side brush or a weed brush directly on the mounting of the two-brush system. The 3<sup>rd</sup> side brush extends the maximum sweeping width to over 7.2 feet (2.2 metres). Or use the 3<sup>rd</sup> brush for cleaning at different heights, e.g. street and kerb. Weeds on roads and pavements stand no chance with the weed brush. Unique to this vehicle class is the simultaneous removal of weeds, sweeping and vacuuming in a single step. As a result, you work extremely neatly and efficiently.

## High-pressure cleaner on board

The high-pressure cleaner on the waste container is versatile. You can use it to clean façades or park benches or the machine itself.





# AS DIVERSE AS YOUR REQUIREMENTS.

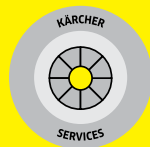
Our municipal machines and attachments are sophisticated, reliable, comfortable tools with which you can complete all municipal cleaning tasks effectively and efficiently. The choice is yours. No matter which one of our municipal machines you choose, you benefit from effectiveness, efficiency and durability. And the quality of the global leader in cleaning technology. Kärcher makes the difference.





# YOU MANAGE YOUR SUCCESS. WE GIVE YOU THE SUPPORT.

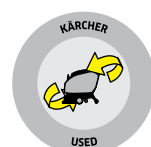
Almost everything can be so much easier when talents are combined. Because it is more successful to pursue objectives together, complement each other and learn from each other. You could call it the principle of progress. We call it Kärcher Services. A promise of partnership. By professionals for professionals.



**Kärcher Services:**  
The complete service package from the global leader. And the perfect continuation of the progressive Kärcher system with innovative tools, customised service offers and high-performance software solutions.



**Kärcher Lease - Leasing**  
Customised. Flexible. Safe. We give you the flexibility you need: with leasing and financing models for every requirement.



**Kärcher Used - Used machines**  
When used or second-hand is what you need. Starting up? Or simply want to save costs? We have the right used machine for you. Used, generally reconditioned, good and affordable. Offers are constantly changing. Ask us.



**Kärcher Service - Customer Service**  
Service means trust. At all times. Services you actually need. Fast response for maximum availability. Maximum value retention and compliance with all statutory requirements.



**Kärcher Rent - Renting**  
Just the machine you need. Rent instead of buying. And get more: expertise and Kärcher Full Service in one package.



**Kärcher Service Packages**  
Every service package is tailored precisely to a defined requirement. The range of services includes inspections as part of prescribed safety tests, timely maintenance and flat-rate full service.



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