

**KÄRCHER**



# GET THE WORKS

Efficient municipal equipment for all seasons

**PROFESSIONAL** | SWEEPERS AND IMPLEMENT CARRIERS

# A SOLUTION FOR EVERY-THING

The right machine in the right place at the right time: with municipal machines from Kärcher Municipal, you're well equipped to perform your day-to-day operations comfortably and efficiently. Climb aboard!



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# CONCENTRATED POWER FOR YOUR MUNICIPALITY

A sweeper with an implement or a multifunctional implement carrier? Kärcher Municipal gives you the choice, and you can always be certain that you've chosen the best solution for your application in terms of technology and reliability.

## **Your municipal equipment specialist**

Kärcher Municipal is your professional system partner for high-quality municipal equipment. As a specialised division of the Kärcher Group, we offer an all-inclusive package for a wide range of applications, from winter service, sweeping and cleaning, mowing and care to weed removal and numerous special applications. Reap the benefits of a broad range of municipal equipment.

## **Competence centre for municipal equipment**

We have set up the specialised competence centre Kärcher Municipal GmbH to provide customers in the municipal equipment sector with even more targeted service. Benefiting from the pooled expertise and innovative strength of Kärcher, combined with the tradition of Holder under one roof, Kärcher Municipal offers the right solution for every sector, whether municipalities, gardening and landscaping, service providers or industry. Our customised solutions for your field of application will be sure to impress.

## **A global approach**

Worldwide presence, worldwide representation: the international Kärcher Municipal sales team offers you unlimited support. An extensive network of service points guarantees a comprehensive supply service to our customers around the world.



# THE HIGHEST STANDARD OF SWEEPING

## **Machines for every requirement**

As a full-service provider in the sweeping technology sector, we offer solutions for every application: from small articulated sweepers with unrivalled compactness and manoeuvrability in inner-city applications to 3.5-tonne-class powerhouses with all-wheel steering for reliable heavy-duty operations all year round. Whether it's for narrow town streets or for cleaning main roads and city squares, we have the right machine for you.

## **Inspiring technology**

Highly professional brush systems, low wear and tear, large fresh water tanks and a water circulation system for long working cycles: our vacuum sweepers offer a vast array of technical innovations. Combined with intuitive operating concepts, powerful drives and exemplary environmental performance, they guarantee a superior all-round package.

## **Unbeatable comfort**

Spacious cabs offer not only greater operator comfort, but also 360° visibility for a better view of the essentials and enhanced safety. Our ROPS-certified cabs offer optimal working conditions thanks to their efficient ventilation systems and optional or standard air conditioning systems for all seasons.

# MC 80. NO SPACE TOO NARROW.

It may be in the compact class, but what this little powerhouse delivers is top class in terms of cleaning performance, manoeuvrability and comfort.



**Take everything as it comes: the MC 80 delivers the performance, flexibility and eco-friendliness you're looking for.**

Despite its compact dimensions, the MC 80 is perfectly suited to your municipal operations. The large 1,000-litre waste container with water circulation system allows for longer work intervals in the comfort of the largest cab in its class.

- Spacious 1.45 m<sup>3</sup> cab
- Two-/three-brush system
- Individual brush control and lifting
- Environmentally-friendly diesel engine with particulate filter
- Suitable for use in inner-city environmental zones
- Easy service access

# MC 150. COMPACT, POWERFUL AND MORE COMFORTABLE THAN EVER.

The MC 150 makes city centre cleaning particularly comfortable thanks to its active suspension.



**Thanks to its active hydropneumatic suspension, the MC 150 is the only machine in its class to offer a high level of suspension comfort – in any load condition.**

With its articulated steering and compact dimensions, the MC 150 is therefore particularly suitable for use on footpaths and cycle paths, and for precise manoeuvring in reduced spaces in city centres.

Whether it has two brushes or three – functions such as the individual brush control, brush relief, automatic coarse dirt flap and hydraulic angle adjustment guarantee an optimal result, even for challenging cleaning tasks. The proven two-brush system, which is guided in a parallelogram, ensures improved even wear of the brushes.

The MC 150 can also be used as a multifunctional implement carrier – for applications such as wet cleaning, green area maintenance or winter services. The three implement interfaces and powerful hydraulic drives make the machine suitable for universal use. The robust front lift can move and carry heavy implements.

- Multifunctional vacuum sweeper
- Efficient year-round use
- Two-step traction drive
- Quick-change system
- Two-person cab with heated windscreen
- Permanent all-wheel drive
- Integrated hydraulic tilting frame

# MC 250. TAKES EVERYTHING IN ITS STRIDE.

If you're looking for high sweeping performance, generous hopper volume and comfortable driving, the MC 250 vacuum sweeper is for you.



**Superior sweeping performance and the kind of driving dynamics you usually only get in a car.**

Like all Kärcher municipal sweepers, the MC 250 combines compact dimensions with high quality and a powerful drive with maximum eco-friendliness. The hot-dip galvanised frame is corrosion-resistant. With a high driving speed, hydropneumatic suspension and quick access to all service components, you will always be ready faster and finished faster with your MC 250.

- Two-/three-brush system
- Two-person cab
- 60 km/h maximum speed
- Computer-optimised suction system
- Switchable all-wheel steering
- Hydropneumatic suspension

**Largest waste container in its class.**

With its huge 2.5 m<sup>3</sup> container, the MC 250 offers long operating times and optimal utilisation. The MC 250 is only 1.30 metres wide and less than 2 metres high. An added bonus: the fully stainless steel waste container guarantees optimal stability and durability.

# MC 250 E!LECTRIC. NOTHING BUT CLEAN.

No local CO<sub>2</sub> emissions. Low noise pollution.



**Proven technology remains. Additional benefits are introduced. The new MC 250 electric impresses on all levels.**

The MC 250 electric prioritizes cleanliness in every aspect. Thanks to its fully electric drive, it generates no local CO<sub>2</sub> emissions during operation. The peace and quiet of residents is also ensured, as it cleans the streets quietly.

Our fully electric sweeper MC 250 electric impresses with superior sweeping performance and the highest operating and driving comfort. It also comes with a large battery. In combination with its efficient electric drive, it can therefore fully exploit its performance, even during extended use.

- Generous battery
- Efficient electric drive
- Significantly lower noise levels than with combustion engines
- Spacious two-person comfort cab with exit on both sides
- Large 2.5 m<sup>3</sup> stainless steel waste container
- Water reclamation system as standard
- Hydro-pneumatic suspension on both axles, with front wheel suspension
- All-wheel steering as standard

# MCM 600. GREAT PERFORMANCE.

The specialist for dusty environments.



**The MCM 600 is the ideal choice for applications requiring superior sweeping performance.**

Whether you are working in urban or suburban areas, or in industrial plants such as foundries, cement works or mining installations, you'll be impressed at how cost-effective our 6 m<sup>3</sup> MCM 600 high-performance sweeping machine is. Its combined system with mechanical pick-up/suction/filtration guarantees optimal performance without emitting dust particles

into the environment. The sweeping system does not use water, which saves on resources, and the weight of the swept waste is very low, resulting in low disposal costs.

- Mechanical pick-up
- Two-/three-brush system
- Dry sweeping and PM1-certified green filter
- Three-person cab
- Eco mode

# TECHNICAL DATA



| Technical data                      |       | MC 80                                 | MC 150                                                                                                                      | MC 250                         | MC 250 electric                             | MCM 600                                                                   |
|-------------------------------------|-------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------------------------------------------|
| Drive/engine                        |       | Three-cylinder diesel engine / Yanmar | Four-cylinder common rail engine with DPF/Kubota                                                                            | Four-cylinder diesel engine/VM | Electric motor / Bosch                      | Four-cylinder diesel engine / Mercedes<br>Six-cylinder diesel engine / VM |
| Exhaust emissions standard          |       | STAGE V                               | STAGE V                                                                                                                     | STAGE V, Euro 6                |                                             | STAGE IIIA, Euro 6                                                        |
| Power                               | kW/hp | 26/35                                 | 48/66                                                                                                                       | 54.5/74, 75/102                | 65 kW/88 hp (standard), 90 kW/122 hp (peak) | 129/175, 115/156                                                          |
| Driving speed                       | km/h  | 25                                    | 40                                                                                                                          | 60                             | 60                                          | 40                                                                        |
| Climbing ability                    | %     | 25                                    | 30                                                                                                                          | 25                             | 25                                          | 25                                                                        |
| Turning radius (inside)             | m     | 0.91                                  | 1221                                                                                                                        | 2.06                           | 2.06                                        | 2.74                                                                      |
| Dimensions (L × W × H)              | mm    | 3,750 × 1,075 × 1,980                 | 3,412 × 1,220 × 1,979<br>(implement carrier without front lift)<br>3,774 × 1,220 × 1,979<br>(sweeper with two-brush system) | 4,750 × 1,300 × 1,999          | 4,491 × 1,300 × 1,995                       | 5,924 × 2,115 × 2,940                                                     |
| Total permissible weight            | kg    | 2,500                                 | 3,500                                                                                                                       | 6,000                          | 6,000                                       | 13,000                                                                    |
| Unladen weight                      | kg    | 1,875                                 | 2,050                                                                                                                       | 3,800                          |                                             | 8,300                                                                     |
| Container capacity                  | l     | 1,000                                 | 1,500                                                                                                                       | 2,500                          | 2,500                                       | 6,000                                                                     |
| Fresh water tank                    | l     | 190                                   | 195                                                                                                                         | 200                            | 265                                         | none (optional 500)                                                       |
| Working width                       | mm    | 1,850                                 | 2,450                                                                                                                       | 2,625                          | 2,625                                       | 2,600                                                                     |
| Working width of third side brush   | mm    | 2,240                                 | 2,660                                                                                                                       | 2,710                          | 2,710                                       | 3,600                                                                     |
| Emptying height                     | mm    | 1,565                                 | 1,565                                                                                                                       | 1,600                          | 1,600                                       | 1,340 (optional 2,400)                                                    |
| Area performance (two-brush system) | m²/h  | 18,500                                | 24,500                                                                                                                      | 26,250                         | 26,250                                      | 65,000                                                                    |



# READY FOR ANYTHING

## **Tailored solutions for every application**

Optimum solutions for a wide range of applications: our multifunctional Kärcher and Holder implement carriers are designed for year-round use in the toughest conditions and, with up to 129 hp (up to 95 kW), offer superior performance for every location and every application.

## **Kärcher implement carriers**

You have a wide variety of tasks: from green area maintenance to road maintenance, snow removal to irrigation. The MIC range offers the ideal solution for your diverse requirements. These compact, manoeuvrable implement carriers are particularly well suited to pavements, parks and narrow inner-city streets.

## **Holder implement carriers**

Holder municipal vehicles are primarily used in applications that place particularly high demands on both humans and machines. What is the reason for this? Because the multifunctional implement carriers are designed for year-round use under the toughest conditions. With implements perfectly matched to the vehicle, they offer a complete package which is both technically and economically superior to standard solutions.

# MIC 35 / 42. COMPACT ALL-ROUNDERS.

A great many clever concepts in a compact space – this is what makes our smallest implement carriers so effective against dust, dirt, ice and snow.



**Our MIC 35 and MIC 42 implement carriers are impressive universal solutions delivering 35 and 42 hp with maximum flexibility for all seasons.**

The MIC 35 and MIC 42 are extremely narrow, allowing them to access areas that larger machines can't reach. The powerful motors provide enough power for high-energy applications such as mowing with simultaneous grass collection or weed removal.

- Spacious 1.45 m³ cab
- 35 and 42 hp diesel engines
- Simple operating concept with quick-start functions
- Quick-change concept for front- and rear-mounted implements
- Easy service access

# HOLDER C SERIES. STRONG. NARROW. INGENIOUS.

The combination of high power transmission and pavement-compatible vehicle width is perfect for any application in municipalities, services and facilities management.



**The articulated implement carriers of the C series offer all of the expected Holder advantages: outstanding manoeuvrability, directional stability and work and operating comfort.**

The machines in the Holder C series offer impressive versatility and cost-effectiveness all year round in a variety of demanding cleaning, maintenance and winter service applications. The vehicle is also ideal for mowing embankments with flail mowers, mowing with a mounted grass collector or with wide multi-part large-area mowers.

- Three attachment points
- Mechanical front power take-off
- Mechanical differential lock
- Hydraulic wheel load balancing
- Three-dimensional front lift with 1,100 kg lifting force
- Optional rear power lift
- Electronic load limit control

## **Maximum working comfort**

The hydraulic wheel load compensation guarantees maximum ground contour following and driving stability simultaneously at all times. The patented system for the active stabilisation of pendular movements keeps the vehicle stable when driving over obstacles or on uneven terrain. Furthermore, when driving off-road or on slippery surfaces, you can switch on the mechanical differential locks as required, with 100% locking effect on both axles.

The cab offers optimal 360° all-round visibility for added safety. A two-person cab with a full-size passenger seat is available as an option, with an external width of just 1.36 metres. The ergonomic operation terminal affixed to the seat allows intuitive operation, reducing fatigue and guaranteeing comfortable work.

# HOLDER S 75. SUPERIOR PERFORMANCE.

Superior performance meets inner-city compactness: the Holder S 75 offers top-quality performance in a wide variety of operations.



## **The Holder S 75 does it all. No compromises.**

The Holder S 75 is your ideal partner for cleared paths, ice-free pedestrian areas and well-kept green spaces. Its articulated steering lets you work in an agile, precise and targeted way. The permanent all-wheel drive distributes the power optimally to all four wheels. What's more, its width of just 1.31 metres (depending on the tyres) allows you to reach every corner of your space.

- Three attachment points
- Mechanical front power take-off
- Mechanical differential lock
- Mechanical wheel load balancing
- Three-dimensional front lift with 2,700 kg lifting force

## **Patented DUAL DRIVE**

With the DUAL DRIVE, the Holder S 75 offers a patented infinitely variable drive concept that combines the advantages of a hydrostatic and a mechanical drive. Your benefits:

- Sensitive, infinitely variable operation
- Increased tractive force via gear reduction
- Reduced fuel consumption during transport
- Protection of hydrostatic components

# HOLDER S 100 / 130. ROBUST POWERHOUSES.

Super-strong off-roaders: the Holder S series is designed for year-round use under the toughest conditions.



## **Power, safety and comfort when driving and working**

The motor rating of up to 129 hp combined with a mechanical front power take-off and up to 120 litres of hydraulic power make the Holder S series some of the strongest articulated vehicles on the market. Get maximum implement performance and flexibility thanks to highly effective working hydraulics with three independent hydraulic unit drives and two simultaneously operable proportional functions.

- Three attachment points
- DUAL DRIVE
- Mechanical front power take-off
- Mechanical differential lock
- Hydraulic wheel load balancing
- Three-dimensional front lift with 2,700 kg lifting force

## **Perfect control centre**

The spacious comfort cab with air conditioning, 360° visibility and air-cushioned driver's seat is available in three versions. A one-person cab, a two-person cab with fully-functional passenger seat and a one-person cab with an adjustable rotating seat which can be moved to the optimal position during work, for example. All of the hydraulic functions can be operated from a touch display.

# TECHNICAL DATA



| Technical data                 |       | MIC 35 / 42                           |  | Holder C series                      | Holder S 75                         | Holder S 100 / 130                  |
|--------------------------------|-------|---------------------------------------|--|--------------------------------------|-------------------------------------|-------------------------------------|
| Drive / engine                 |       | Three-cylinder diesel engine / Yanmar |  | Four-cylinder diesel engine / Kubota | Four-cylinder diesel engine / Deutz | Four-cylinder diesel engine / Deutz |
| Exhaust emissions standard     |       | STAGE V                               |  | STAGE V                              | STAGE V                             | STAGE V                             |
| Power                          | kW/hp | from 26 / 35 to 32 / 44               |  | 48 / 65                              | 55,4 / 75                           | 74,4 / 101, 95 / 129                |
| Driving speed                  | km/h  | 25                                    |  | 40                                   | 40                                  | 40                                  |
| Differential locks             |       | none                                  |  | front + rear mechanical              | front + rear mechanical             | front + rear mechanical             |
| PTO shafts                     |       | none                                  |  | front mechanical, rear hydraulic     | front mechanical                    | front mechanical                    |
| Working hydraulics volume flow | l/min | up to 60                              |  | up to 70                             | up to 100                           | up to 120                           |
| Lifting force                  | kg    | front 590                             |  | front 1,100 / rear 1,100             | front 2,700                         | front 2,700 / rear 600              |
| Turning radius (inside)        | m     | 0.91                                  |  | from 1.49                            | 2.19                                | 2.13                                |
| Dimensions (L × W × H)         | mm    | from 3,200 × 1,075 × 1,980            |  | from 2,928 × 1,170 × 2,050           | 3,750 × 1,310 × 2,270               | from 3,920 × 1,360 × 2,233          |
| Total permissible weight       | kg    | 2,500                                 |  | 3,500 (optional 3,800 or 4,000)      | 5,500                               | 5,500 (optional 6,000)              |
| Unladen weight                 | kg    | from 1,374                            |  | from 1,928                           | 3,100                               | from 3,100                          |



# THE RIGHT MACHINE AT THE RIGHT TIME

Kärcher Municipal offers you a complete vehicle portfolio with a wide variety of models. From the standalone sweeper through to the ultra-versatile implement carrier.

With performance classes to meet every requirement. **Kärcher Municipal offers you solutions for every task.**

Discover our all-rounders at  
[karcher.com](https://www.karcher.com)

# WHAT IF THE FUTURE CHANGES TOMORROW?

No matter how radically your tasks change, we can help you to keep up with the challenges ahead. Just reach out to us to reach for the stars.

**Nothing can stop you.  
With Kärcher Services.**



rental



used



financial solutions



service packages



all brands service



cleaning consulting



service app



original spare parts



visual remote support

## SERVICES THAT WE CAN BE PROUD OF

### Maintenance and repair

Our experienced and qualified personnel carry out maintenance and repairs quickly and professionally – regardless of whether mechanical, electrical or hydraulic work is required. Service staff attend regular training events and pursue qualifications, ensuring that every task carried out on your Kärcher or Holder vehicle is done correctly. In this way, we guarantee you fast and smooth maintenance and repair.

### Complete overhaul

Do you already have a Kärcher or Holder vehicle and would like to have it reconditioned, or have you had an accident? We will not let you down! In our own Kärcher Municipal service centres, we carry out even the most extensive complete overhauls.

### Air conditioning service

We offer professional cleaning of your air conditioning system as well as regular maintenance and repair. In this way, you ensure flawless operation, increase the service life of your air conditioning and keep a cool head at all times, even in hot temperatures!

### Official inspections

We are happy to take care of the official inspections of your Holder or Kärcher vehicle and the corresponding implements, such as the main inspection\* and the safety inspection, in accordance with the accident prevention regulation (UVV Inspection). Make an individual appointment at our service workshops.

### On-site service

The workshop comes to you with our qualified and trained service technicians who possess the necessary know-how and expertise. The service vehicles are well equipped with diagnostic devices and tools, so nothing stands in the way of customer service or repair on your premises. What's more, in the winter season, we offer a 24/7 on-call service.

### Collection and delivery service

Whether you have broken down or maintenance or repair work is required – we will collect your Kärcher or Holder vehicle for you and bring it back to you after the repair. Alternatively, we can commission a forwarding agency and organise the transport for you, so you don't have to worry about it yourself.

### Warranty

You have the option to extend your warranty up to 36 months. We would be happy to advise you.

\* We carry out the main inspection in cooperation with an officially recognised inspection organisation.



More information about our top services  
can be found at [karcher.com](https://www.karcher.com)



makes a difference

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