

KÄRCHER

YOUR MACHINE FOR THE INNER CITY

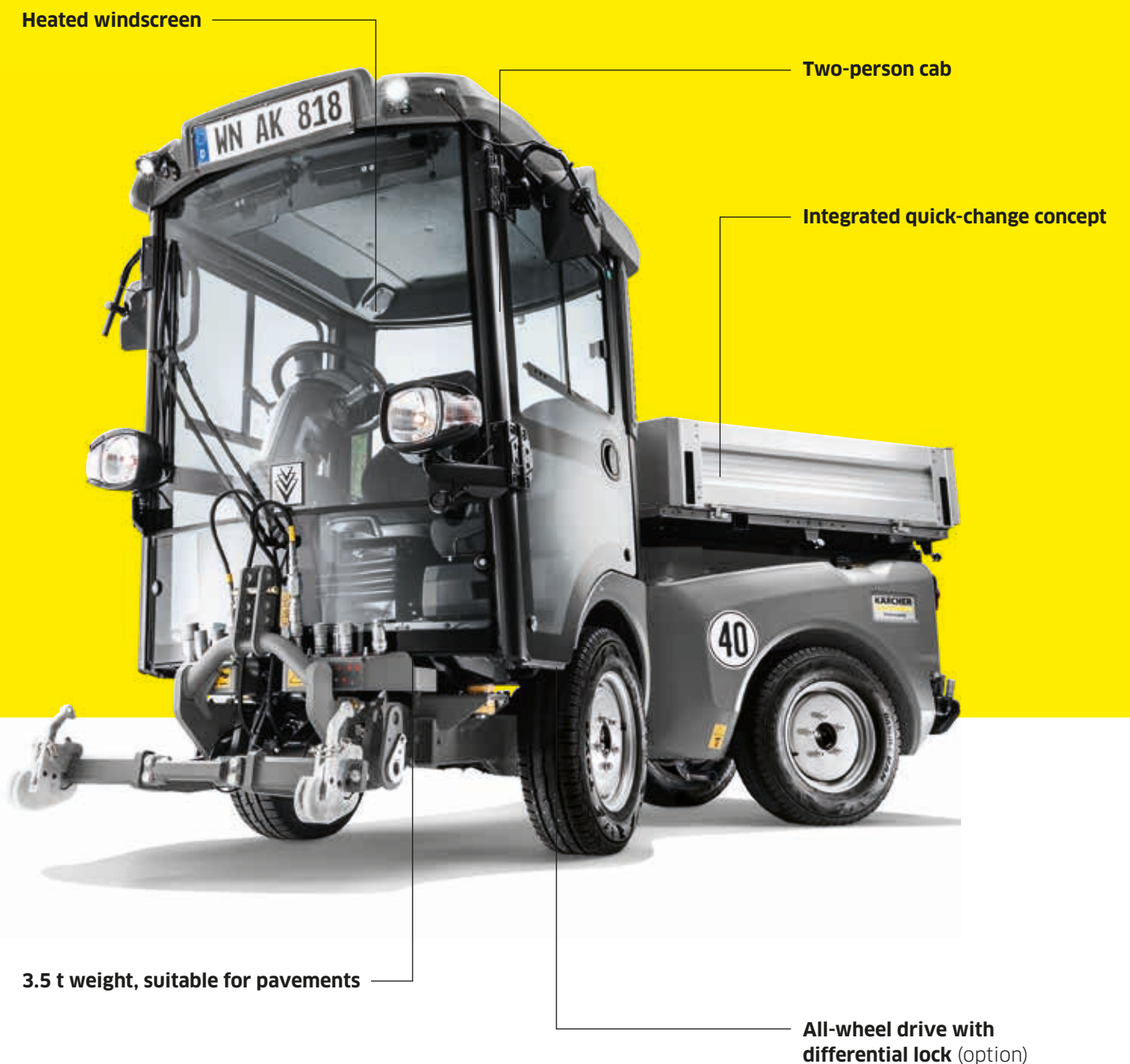
Vacuum sweeper MC 130



PROFESSIONAL | MC 130

COMPACT. MANOEUVRABLE. POWERFUL.

Minimum dimensions, maximum waste capacity: the MC 130 is the powerful vacuum sweeper in the 3.5-ton class, ideal for cleaning paths, public areas and spaces in the inner city. In the guise of the universally usable MC 130 Plus implement carrier, it also supports you in wet cleaning, green area maintenance and winter service.



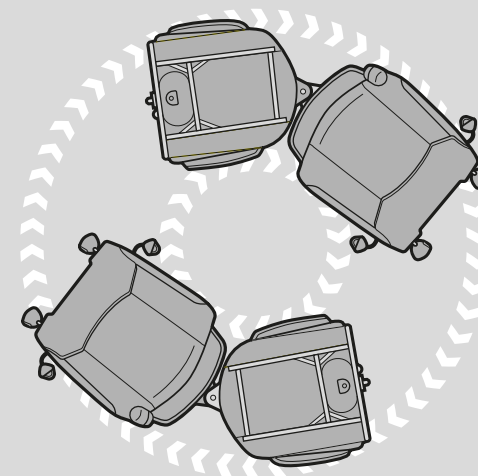


MADE FOR YOUR WORLD

Do you need a machine that is as compact as can be with a low entrance point and centre of gravity? The MC 130 is ready: it's very narrow (width from 1.20 m), very short (length less than 4 m) and very low (height less than 2 m). You'll be amazed!

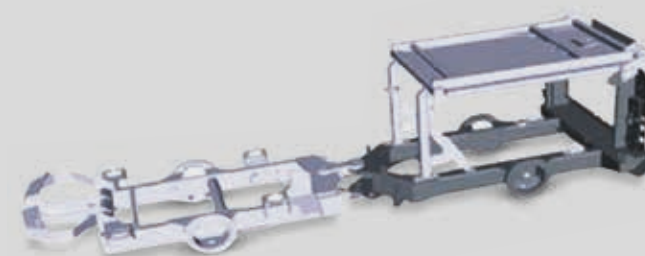
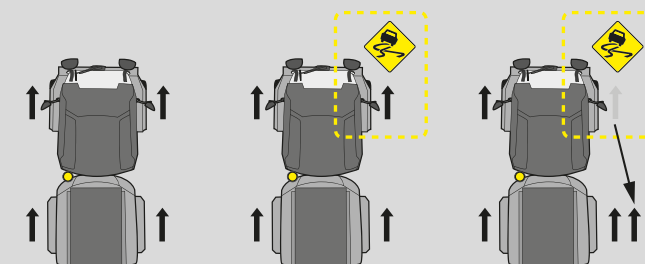
Articulated - to help you round corners more easily

Pass every kerb and obstacle without hitting anything, because on our vehicles with articulated steering, the rear vehicle follows in the tracks of the front vehicle - 100% of the time. That makes for extreme manoeuvrability and maximum flexibility in use.



Brakes as safely as it drives

The MC 130 is optionally available with permanent hydraulic all-wheel drive, traction control and a differential lock. The powerful braking system and an automatic hydraulic spring-mechanism parking brake reliably ensure high performance during operation at all times.



Robust - to protect your investment

The MC 130's robust support frame effortlessly carries all vehicle components and implements and can be used without restrictions in winter service thanks to the high-quality corrosion protection. Its equal front and rear axle load of 2,000 kg enables you to attach heavy implements all year round, even on the front of the vehicle. The low unladen weight allows for a payload of up to 1,720 kg.

3.5-ton class

With a permissible total weight of 3.5 tons, the MC 130 is guaranteed to be suitable for pavements as it has been specially designed for use in city centres.



COMFORTABLE CAB WITH 360° VIEW

The MC 130 isn't just setting standards when it comes to function and working results – it also provides impressive comfort and operability. After all, happy drivers are key to achieving the desired sweeping results.



The comfort cab

Comfort as standard: the spacious, ROPS-tested two-person cab enables another worker to join the driver in the cab, eliminating the need to use additional vehicles for work requiring more than one person. Its low entrance point with cross-cab access makes entering and exiting easier, while the huge internal height creates a generous sense of spaciousness.

Ergonomically arranged controls

With the MC 130, operating technology from the six-ton class finds its way to the 3.5-ton class. The intuitive operating concept with two-joystick control makes it easier to set the individual sweeping parameters and control the brush position. The Eco button enables automatic reactivation of the most recently used setting in seconds when you start the vehicle. That's economic sweeping for you!

Never miss a thing

The cabin, which is positioned to the front, offers the driver an optimum view of the work environment and the outer edge of the implements. The heated windscreen, which comes as standard, guarantees perfect vision at any time, even in extreme conditions.

Optimal driving comfort

The smart, dynamic four-way cabin storage makes for low-vibration ride comfort and a low noise level in the MC 130 cab.

AGR-certified

The independent association "Aktion gesunder Rücken e.V." (AGR – Campaign for Healthier Backs) has awarded the MC 130 for its ergonomics. The jury of doctors and therapists particularly praised the driver cabin and the quick-change concept for changing the implement.



ANYTHING IS POSSIBLE: THE SWEEPING SYSTEM

Whatever you need from your sweeper, the MC 130 sweeping system has you covered. 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.

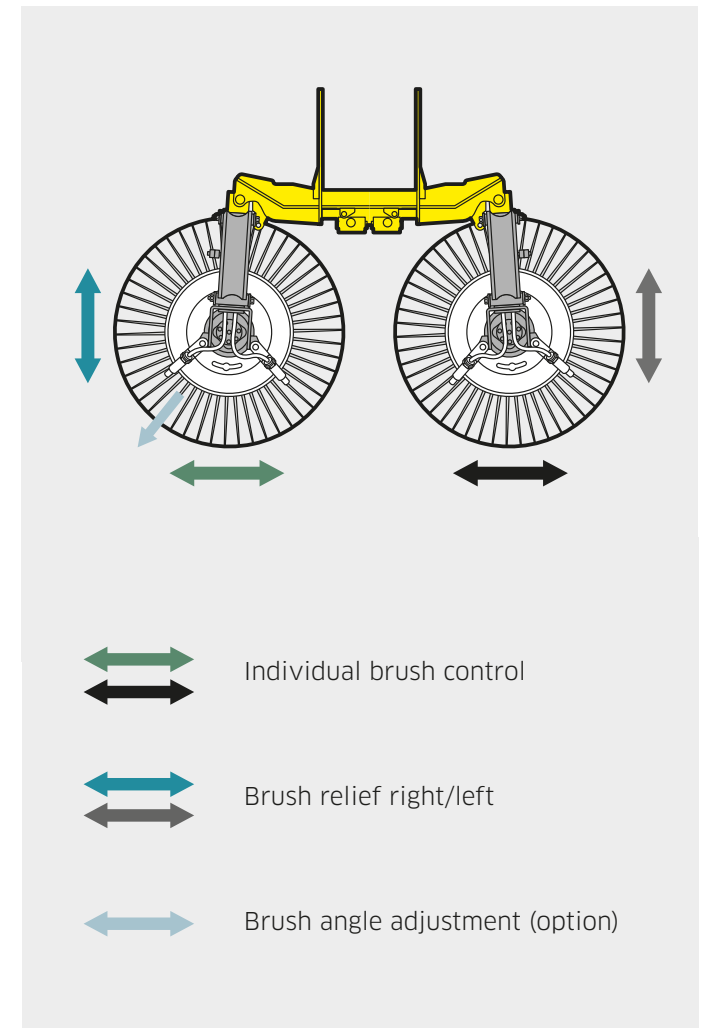
PUSHED TWO-BRUSH SYSTEM WITH INDIVIDUAL BRUSH CONTROL

The pushed two-brush system has individual brush control for independent control of the brush arms. The unique parallelogram guide ensures even wear of the brushes and therefore a longer service life. The brushes can be extended far beyond the vehicle contour. The optional brush angle adjustment enables you to adapt the brush angle to the ground for a perfect sweeping result and low brush wear.

The MC 130's 650 mm-wide suction mouth is in line with the front wheels and therefore boasts ideal lane geometry at all times. Coarse dirt, such as plastic bottles, is reliably removed with the automatic coarse dirt flap. When reversing, the suction mouth is automatically hydraulically lifted. This technology practically eliminates any risk of collision damage. For control purposes, a suction-mouth camera with a display directly on the steering wheel monitor is optionally available.

Your benefits:

- Sweeping width of 1,200 to 2,450 mm, adjustable
- Area performance approx. 24,000 m²/h
- Two fresh water nozzles on each brush arm to protect against dust and dirt
- Individual lifting with independent brush relief and adjustable speeds
- Brush angle adjustment to adapt the right side brush to the ground (option)
- Maximum start-up protection of the plate brush due to the mechanically and hydraulically secured system
- Plate brush in different designs depending on the surface and type of dirt
- New: brush made of environmentally friendly material to reduce microplastics optionally available



THREE-BRUSH SYSTEM

The three-brush system available for the MC 130 enables flexible work with a sweeping width of up to 2,660 mm – that means, for example, that you can clean the full width of a cycle path in one go. Its strengths include the system optimised for the inner city, in particular when sweeping niches and at different levels – this means, for example, that the pavement and the road can be cleaned at the same time.

Your benefits:

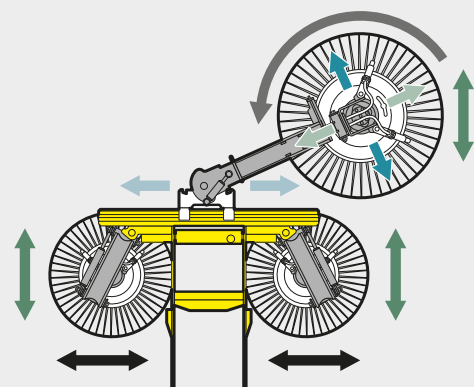
- Sweeping width up to 2,660 mm
- Sweeping at two levels
- Large-scale work thanks to the rail system
- The distance between the brush and the machine is always the same
- Ability to change the sweeping direction from the cab
- The sweeping surface can be adjusted easily



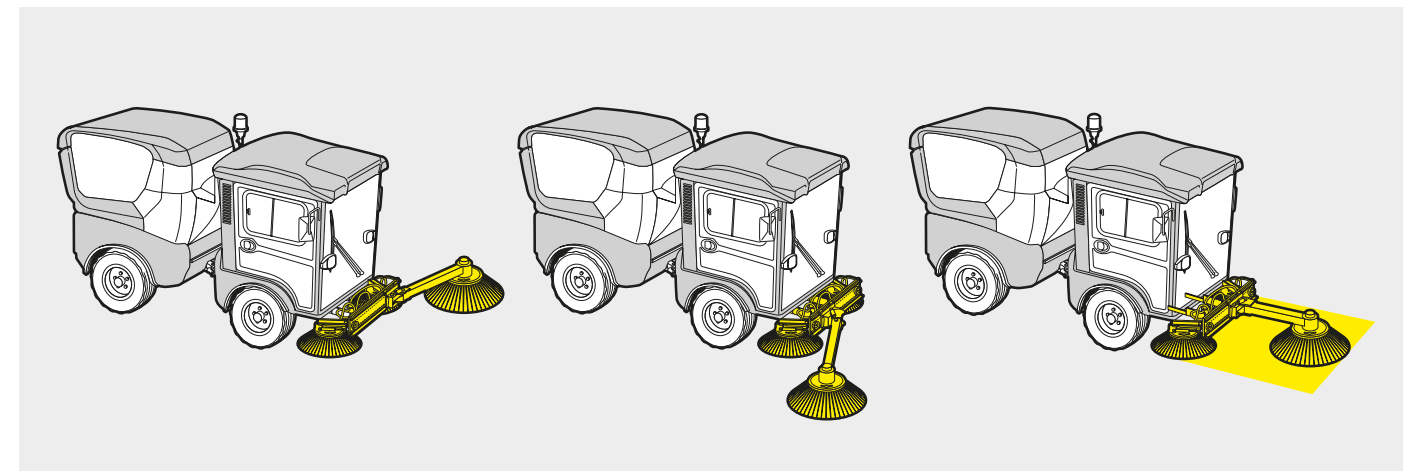
A weed brush installed on the third brush arm can remove weeds effectively, thanks to the running rail across the entire machine width, for example on footpaths or cycle paths or in access areas to residential areas or parks. The three-brush system therefore offers you a number of applications at no extra cost.

Your benefits:

- Large-scale weed removal over a width of 1,600 mm thanks to lateral displacement
- Large-scale weed removal in front of the machine (90°) and waste collection in one operation
- Contact pressure of the third brush is adjustable
- Operation on the left and right side



- ↔ Sweeping width adjustment
- ↔ Individual speed adjustment
- ↕ Brush relief
- ↔ Brush angle adjustment
- ↔ Pitching
- ↔ Side shift





EFFICIENT SUCTION SYSTEM

Like all Kärcher vacuum sweepers, the MC 130 uses a powerful vacuum system, developed using complex CFD flow simulations. With the water circulation system, which comes as standard, the dust is bound even more efficiently, with significantly lower water consumption and a longer service life. This reduces costs and, at the same time, protects the environment.

Smart stainless steel container

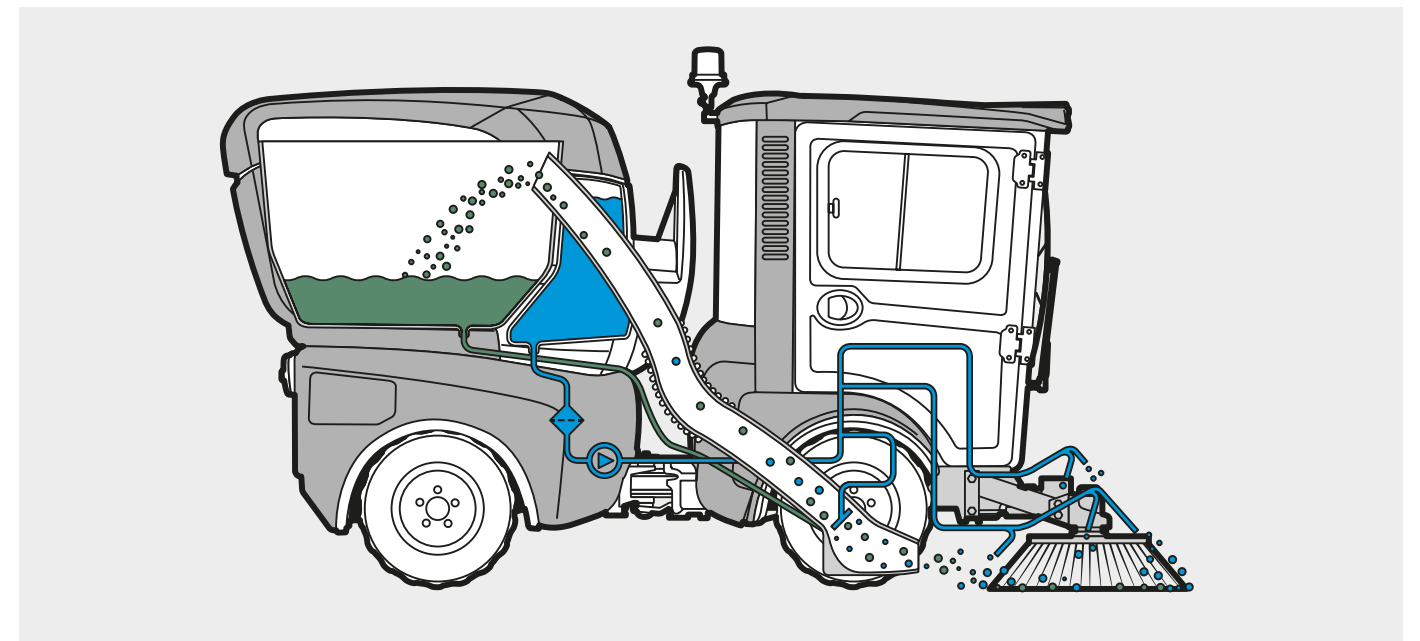
Fewer stops: the large-volume waste container boasts a high capacity. The container is equipped with a water circulation screen covering its entire filling height. The exhaust air screen, which is foldable across its entire length, simplifies cleaning, while the hydraulic cover enables it to be filled with bulky material. Additionally, when using a cutting deck, the waste container becomes a container for the mowed material.

Strong thanks to turbo power

The aerodynamically optimised suction turbine works significantly more efficiently, thus contributing to greater fuel efficiency. Dynamic effects, such as the considerably easier start-up of the turbine, also reduce fuel consumption, protect the drive and reduce operating noise.

Quieter together

The placement of the suction turbine below the waste container allows for particularly effective sound damping of both the engine and suction turbine.



Aim high with the waste container

Thanks to the emptying height of 1,550 mm, you can empty the waste container directly into containers, trailers and flatbeds, thus saving time - without requiring any extra manual work. The hydraulic cover opening guarantees that the dirt is not tipped over the machine in the process.



Blockage? Simply let it all out

Because a suction hose blockage can never be completely ruled out, the hose can be disassembled without tools and reassembled just as quickly after a brief clean.

IF MORE THAN JUST SWEEPING IS ALLOWED

You can get the MC 130 purely as a sweeper. Or as a universally usable machine which can be used all year round for sweeping, watering, washing, scrubbing, winter service and mowing work. It's in the name: MC 130 Plus.



Model	MC 130	MC 130 Plus
	<ul style="list-style-type: none">Single-purpose sweeperIncluding sweeping systemTwo-wheel driveAll-wheel drive optionalHydraulic articulated steeringParking brake on rear wheels	<ul style="list-style-type: none">Multifunctional sweeperCan be used as a vacuum sweeper with an optional sweeper attachmentTwo-stage traction driveAll-wheel driveHydraulic articulated steeringIntegrated hydraulic tilting frameParking brake on all four wheel

Technical data	MC 130	MC 130 Plus
Drive/engine	Common rail diesel engine/Yanmar	4-cylinder common rail engine with DPF/Kubota
Power	32 kW at 3,000 rpm (44 hp)	48 kW at 2,700 rpm (66 hp)
Driving speed	km/h 30	40
Climbing ability	% 25	30
Turning circle (inner)	m 1,210	1,210
Dimensions (L x W x H)	mm 3,950 x 1,200 x 1,999	3,528 x 1,200 x 1,999
Total permissible weight	kg 3,500	3,500
Trailer load (braked)	kg 3,000	3,000
Unladen weight	kg 2,380	1,780
Container capacity	l 1,300	1,300
Fresh water tank	l 195	195
Working width	mm 2,450/2,660	2,450/2,660
Emptying height	mm 1,565	1,565
Area performance (two-brush system)	m²/h 24,000	24,000



Powerful hydraulics
With a lifting force of up to 525 kilograms on the front linkage and a payload of up to 1,750 kilograms, the MC 130 Plus can carry even the heaviest implements without problems. The high-performance hydraulic system transfers the engine power extremely effectively. An 80-litre working hydraulic system with 220 bar is available at the front.

- Your benefits:**
- Heavy-duty hydraulics enable the operation of implements with large amounts of oil
 - A number of separate hydraulic circuits for operating powerful implement combinations
 - Efficient year-round use

Three attachment areas
Three attachment areas at the front, rear and over the engine enable a number of work steps to be combined, such as mowing and picking up the green waste at the same time.

MULTIFUNCTIONAL, STATE-OF-THE-ART

Your MC 130 Plus is ready – at any time, all year round – as a professional vacuum sweeper and implement carrier. With a lifting force of up to 590 kilograms on the front linkage, the MC 130 Plus can carry heavy implements without problems. Even winter service using snow throwers and spreaders becomes child's play.



Quick-change system

The better solution is always the one which makes life easier for you. We have developed a quick-change system for the MC 130 Plus which hydraulically raises

and lowers the implements. No more hand spindles which have to be adjusted by hand on a rotational basis. Implements which are set down are secured solely with supporting legs.



Easy service access

Hinged engine covers enable direct service access. In conjunction with the central lubrication points on the brush system and on the suction mouth, this saves time during daily maintenance.



Universal and easy to maintain

The front lift system can accommodate attachments of the categories 0, 1N and 2 from a wide variety of manufacturers. One person can easily swap the attached implements for a brush system using the changing trolley.

One container, many uses

The MC 130 Plus's container has a capacity of 1,300 litres and remains on the machine for a wide variety of applications: from sweeping to floor cleaning using the scrubbing deck and to maintaining green areas. A plus for efficiency: this eliminates the need to dismantle the machine, thereby saving you both time and money.

High pressure on board

Cleaning park benches, road signs or machines? No problem: as an alternative to the waste container's fresh water tank, the MC 130 Plus can carry a large water tank to supply a high-pressure cleaner.





SPECIALIST IN WORKING WITH FLUIDS

Kärcher is a specialist in wet cleaning. The MC 130 Plus is the ultimate proof of that, because it offers an impressive range of implements for use with water: for cleaning areas such as sports fields and roads, for high-pressure spot cleaning and for watering trees and green spaces.

Using hot water against weeds, dirt and chewing gum

With the WRS 200, Kärcher offers an implement for the MC 130 Plus that enables high-pressure applications with cold and hot water. The all-rounder tackles weeds without chemicals and removes stubborn dirt or chewing gum in seconds. The narrow design with a short overhang simplifies manoeuvring. Tried and tested Kärcher components such as the 105 kW burner and the 200-bar high-pressure pump in combination with the appropriate accessories ensure high flexibility and quality. The WRS 200 does not require an external power or water supply and can therefore also be used in remote areas.

- Pressure: up to 200 bar
- Water working temperature: up to 98°C
- Flow rate: 28 l/min
- Fuel consumption (weed removal): 8 l of diesel/h
- Fresh water tank: 800 l



Deep clean surfaces with the scrubbing deck

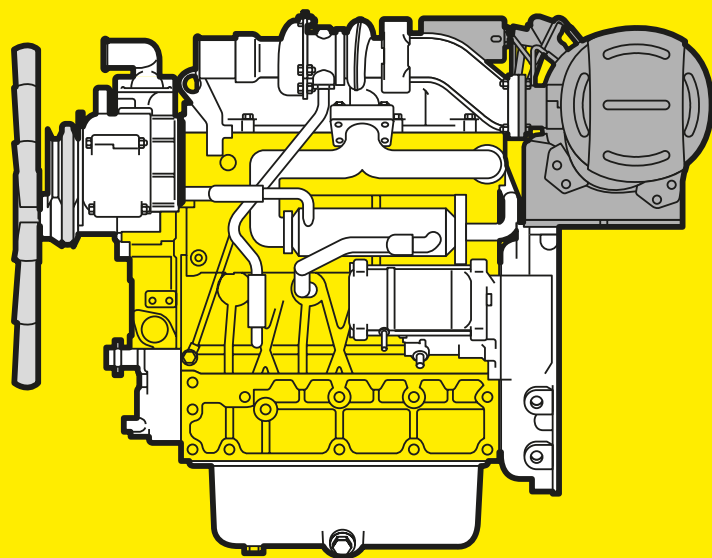
With its three hydraulic plate brushes, the scrubbing deck offers you optimal possibilities for thorough wet cleaning. It can be used to remove heavy dirt from underground car parks, parking levels or public spaces effectively. A separate canister can be used to add cleaning agent as required during use. A dirty water circulation system ensures that the water collected in the waste container is reused.

- Three 460 mm polypropylene plate brushes in different degrees of hardness
- Quick lock for quick brush replacements
- Working width: approx. 1,240 mm
- Cleaning agent tank: 5 l



YOUR DRIVE FOR THE ENVIRONMENT

Our municipal machines not only clean the roads, but also make an active contribution to a better environment. With clean, economical and quiet engines and low water consumption.



Two engines to choose from

The MC 130 has a common rail turbo diesel engine rated at 32 kW (44 hp), while the MC 130 Plus has a powerful four-cylinder turbo diesel engine rated at 48.5 kW (66 hp). Both units boast low fuel consumption and low emissions (exhaust emissions standard STAGE V). The efficiency is particularly good when sweeping thanks to the low engine speed.

Powerful – so that you always have enough power

The high-performance hydraulic system transfers the engine power to the various implements extremely effectively. This means that you can work at a lower engine speed for light-duty applications. The hydraulic system is also particularly easy to maintain, thus making life easier for you when working and changing implements.



Latest generation of engines

Our powerful engines with diesel particulate filter (DPF) meet STAGE V emissions certification. Our municipal machines therefore meet all the requirements for operation in environmental zones.



Save lots of water and time, too

The water circulation system reduces the fresh water requirement considerably, whereby you not only save water and costs, but at the same time reduce the environmental impact and work more productively thanks to longer work intervals.



Top marks in particulate matter

In the PM2.5 particulate matter test of the EUnited (European Engineering Industries Association) our machines achieved the highest rating of 4 stars.



Power can also be quiet

The operating noise level of our municipal machines is pleasantly quiet not only in the cab for the driver, but for pedestrians in the immediate vicinity. In Eco mode with only 99 dB(A) exterior noise and 66 dB(A) in the cab, you can also easily sweep at night and in the early morning.





KÄRCHER MUNICIPAL IS THE ANSWER

Kärcher Municipal offers you a complete vehicle portfolio with a wide variety of models. From the pure sweeper through to the extremely versatile implement carrier. In performance classes for every requirement.

Discover your all-rounder at www.kaercher-municipal.com

KÄRCHER

makes a difference

We would be happy to advise you:

Germany

Kärcher Municipal GmbH
Mahdenstraße 8
72768 Reutlingen
Phone +49 7121 930729-0
Fax +49 7121 930729-213
info@municipal.kaercher.com
www.kaercher-municipal.com

USA

Kärcher North America
6398 N. Karcher Way
Aurora, CO 80019
Phone +1 800-444-7654
Fax +1 866-271-0520
www.karcherna.com

Canada

Kärcher Canada Inc.
275 Pendant Drive
Mississauga, Ontario L5T 2W9
Phone +1 905-364-5006
Fax +1 905-672-3155
www.karcher.ca

United Kingdom

Kärcher (UK) Ltd
Kärcher House
Brookhill Way
Banbury
Oxon OX16 3ED
Phone +44 1295-752-000
Fax +44 1295-752-103
www.karcher.co.uk

Ireland

Kärcher Ltd (Ireland)
Unit 3, Redcow Retail Centre
Robinhood Road
Ballymount, Dublin 22
D22 PY03
Phone +353 1-409-7777
Fax +353 1-409-7775
www.karcher.ie

South East Asia

Regional Head Office
South East Asia
Karcher South East Asia Pte Ltd
3 Depot Close #05-01
Singapore 109840
Phone +65 6897-1811
Fax +65 6897-1611
www.karcher.com.sg

Hong Kong

Kärcher Limited
Unit 01, 22/F, Westley Square
48 Hoi Yuen Road
Kwun Tong, Kowloon
Phone +852 2-357-5863
Fax +852 2-357-5632
www.karcher.com.hk

Australia

Karcher Pty Ltd
385 Ferntree Gully Road
Mount Waverley
Victoria, AU 3149
Phone 1800 675-714
(Free Call)
www.karcher.com.au

New Zealand

Karcher Ltd
66 Allens Road
East Tamaki
Auckland 2013
Phone +64 9-274-4603
Fax +64 9-274-6932
www.karcher.co.nz

North Africa

Kärcher SARL
Immeuble Yasmine Tower
Bloc A 6ème étage, bureau A 6.6
Centre Urbain Nord
1082 Tunis
Tunisia
Phone +216 36339020
info@tn.kaercher.com
www.kaercher.tn

East Africa

Karcher Limited
Regus Fortis Office Park
P. O. Box 66488-00800
Block C, Ground floor
Muthangari Drive
Westlands, Nairobi
Kenya
Phone +254 205148145
info@ke.kaercher.com
www.kaercher.com/ke

South Africa

Kärcher (Pty) Ltd
Cnr Mount Joy &
George Allen Rd
Wilbart Ext. 2
PO Box 11818
Vorna Valley, 1686
Phone +27 11-657-7300
Fax +27 11-657-7440
www.karcher.co.za

Middle East

Karcher FZE
Quality Cleaning Systems
Jebel Ali Free Zone
Plot No. S-10104 South Zone
RA 08, XB 1, Jebel Ali
Dubai
Phone +971 4-886-1177
Fax +971 4-886-1575
customercare@ae.kaercher.com
www.karcher.ae

Qatar

Karcher LLC
Office No 133, Regus Building
D Ring Road
PO Box 35176
Phone +974 4-423-1319
customercare@ae.kaercher.com
www.kaercher.ae

Caribbean

Karcher S.R.L.
Calle 5ta, esq. Calle 18, Nave 1
Villa Aura
Santo Domingo Oeste
Dominican Republic
Phone +1 809-379-3700
Fax +1 809-379-3777
info@do.kaercher.com
www.kaercher.com/do

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