

**KÄRCHER**

# YOUR MACHINE FOR THE INNER CITY

Vacuum sweeper MC 130



**PROFESSIONAL** | MC 130

# COMPACT. MANEUVERABLE. POWERFUL.

43 gal (195 l) fresh water tank

1.7 cu. yd. (1,300 l)  
hopper volume

Steering column with integrated  
multifunction display

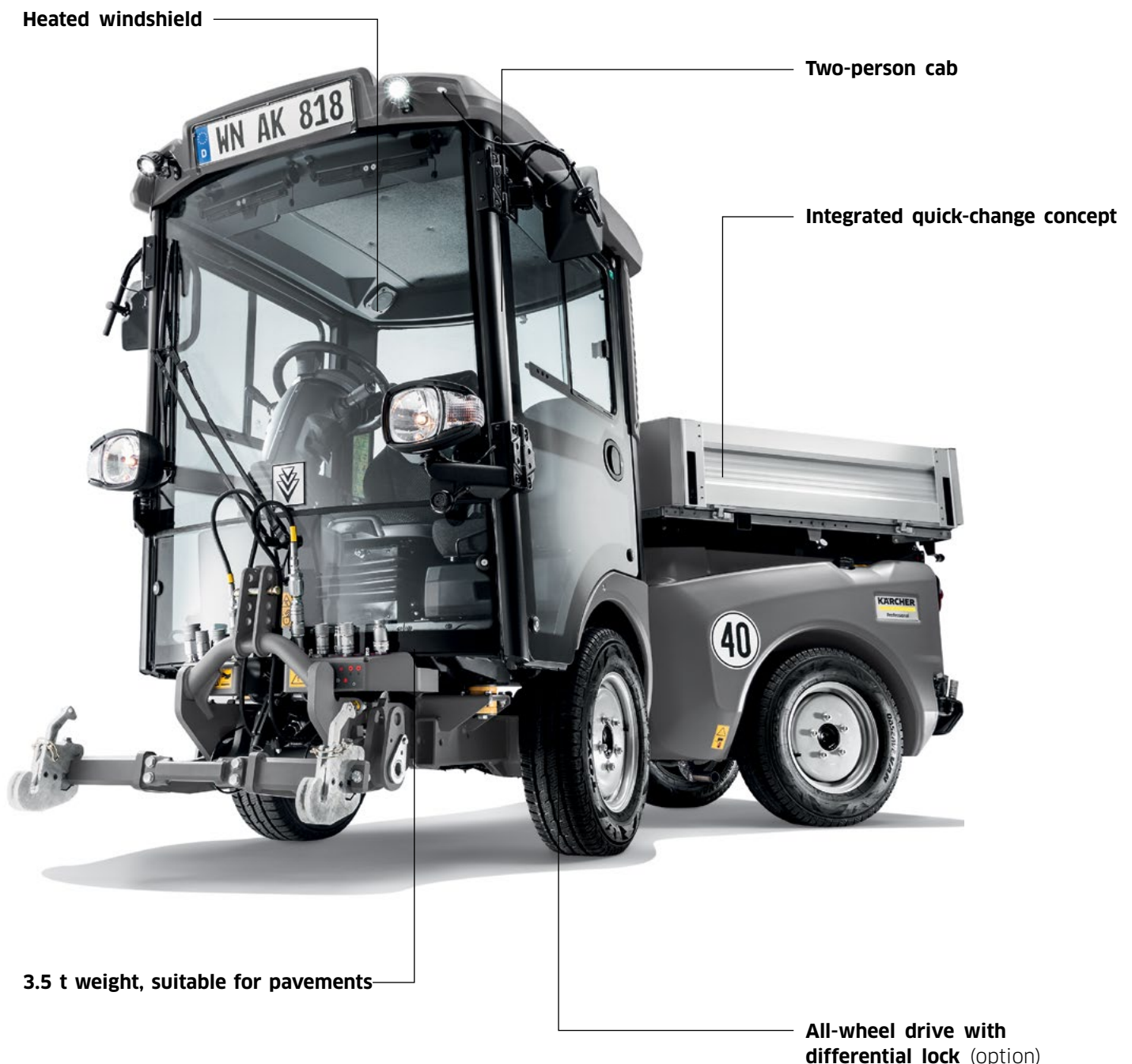
Impact-protected suction mouth

Directionally  
stable chassis

Up to 25 mph (40 km/h)  
driving speed



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.



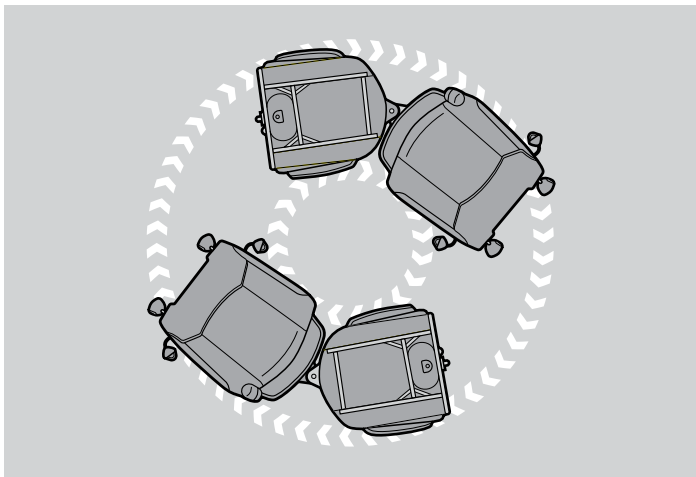
# MADE FOR YOUR WORLD

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 4'), very short (length less than 13') and very low (height less than 7'). You'll be amazed!



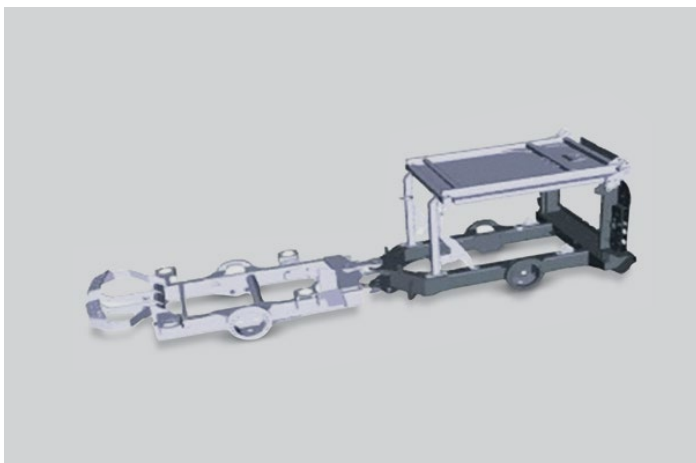
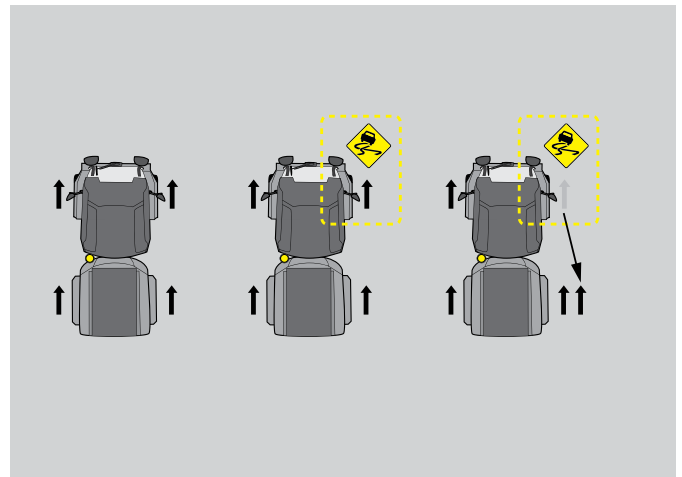
## Articulated - to help you round corners more easily

Pass every curb 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 4,409 lb (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 3,792 lb (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 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!



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.

## 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 wind-screen, 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.



# 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

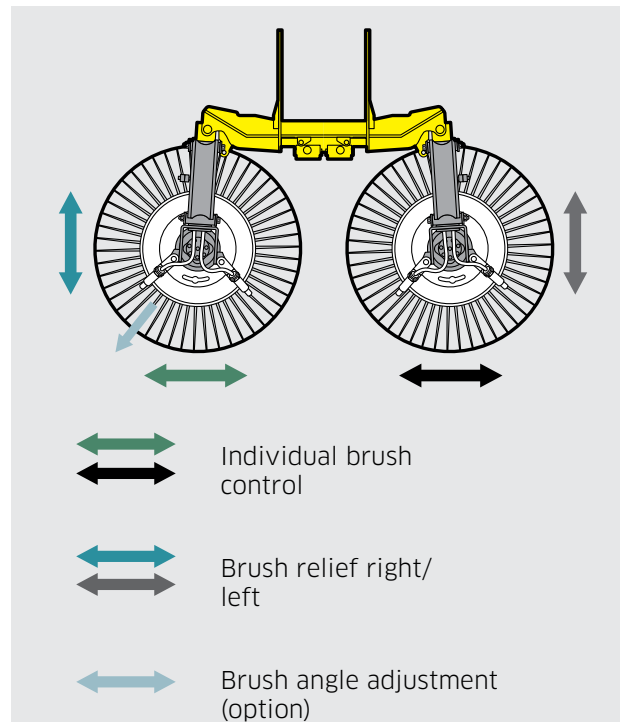
## CONTROL

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 26" (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 42" (1,200 mm) to 97" (2,450 mm), adjustable
- Area performance approx. 24,000 m<sup>2</sup>/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)



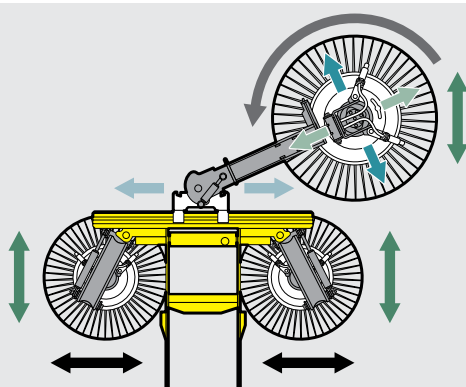
- Maximum start-up protection of the plate brush due to the mechanically and hydraulically secured system
- Plate brush in different designs depending on the surface and type of dirt
- New: brush made of environmentally friendly material to reduce microplastics optionally available

## THREE-BRUSH SYSTEM

The three-brush system available for the MC 130 enables flexible work with a sweeping width of up to 105" (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 105" (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



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

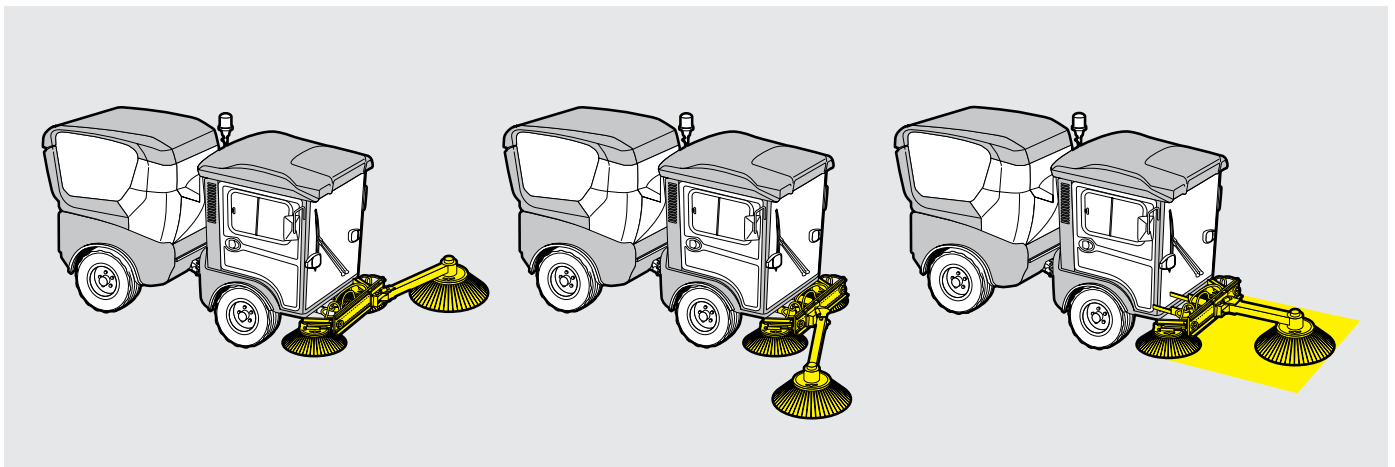
# WEED BRUSH



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 63" (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



# 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

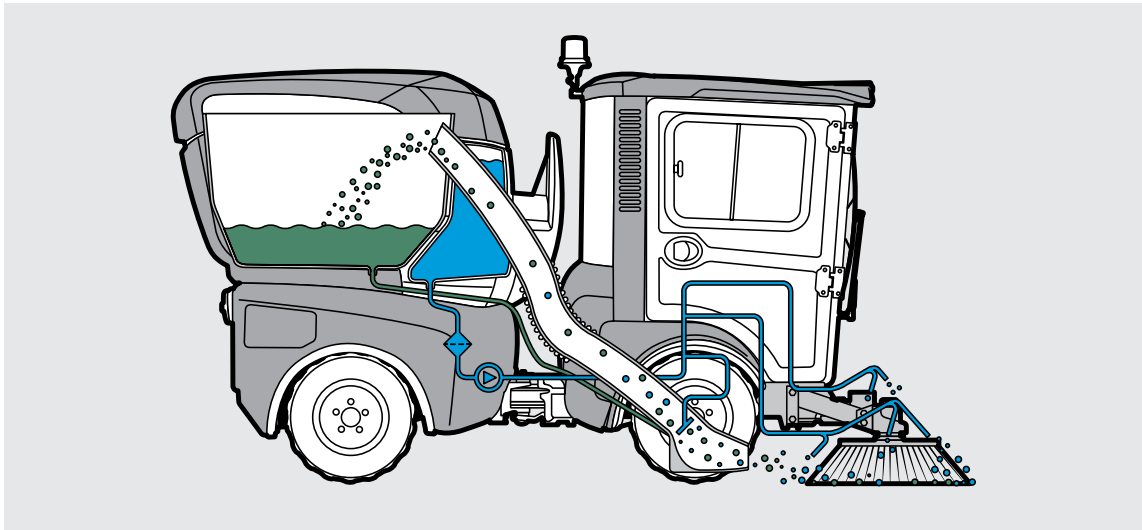
Fewer stops: the large-volume waste container boasts a high capacity. The container is equipped with a water circulation screen covering its entire filling height. The exhaust air screen, which is foldable across its entire length, simplifies cleaning, while the hydraulic cover enables it to be filled 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 61", 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.

# KÄRCHER MC 130

## Engine

	Kubota four-cylinder engine with DPF
Drive type	Diesel
Power	66 HP (48 kW)
Emission standard	Tier 4 Final
Diesel particulate filter	Yes
Fuel tank	15.8 gal (60 l)

## Drive & Brakes

Steering	Articulating
Speed	25 mph (40 km/h)
Climbing ability	30 %
Brakes	Hydraulic braking system - Hydrostatic operating brake influences two wheels. Additional mechanical brake (drum brake) working on front axle. Parking brake via hydraulic controlled spring-loaded-mechanism acting on all wheels.

## Hydraulics & Electrical

Hydraulic reservoir	11.4 gal (43 l)
Voltage	12 volt system

## Weight & Dimensions

Unladen/tare weight (empty)	5,247 lb (2,380 kg)
Total permissible weight	7,716 lb (3,500 kg)
Axle load	2,469 lb (1,120 kg)
(L x W x H)	155" x 47" x 78" (3,937 mm x 1,194 mm x 1,981 mm)
Turning radius inside   outside	3.97' (1.21 m)   7.91' (2.41 m)

## Hopper & Water System

Container capacity	1.7 cu. yd. (1.3 m <sup>3</sup> )
Standard emptying height	61" (1,565 mm)
Hopper liner	Stainless steel
Fresh water tank	51.5 gal (195 l)
Recycling water	Yes

## Tires

Tires	195/75 R14
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## Brushes

Material	Polypropylene - steel wire
Working width (2-brush-system)	96" (2,450 mm)
Area performance (2-brush-system)	24,500 m <sup>2</sup> /h @ working speed of 6 mph (10 km/h)
Working width (3-brush-system)	105" (2,660 mm)
Area performance (3-brush-system)	26,600 m <sup>2</sup> /h @ working speed of 6 mph (10 km/h)

# MULTIFUNCTIONAL, STATE-OF-THE-ART



## 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 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.

Your MC 130 is ready – at any time, all year round – as a professional vacuum sweeper and implement carrier. With a lifting force of up to 1,300 pounds (590 kilograms) on the front linkage, the MC 130 can carry heavy implements without problems. Even winter service using snow throwers and spreaders becomes child's play.

**One container, many uses**

The MC 130's container has a capacity of 1.7 cu. yd. (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 can carry a large water tank to supply a high-pressure cleaner.





### Using hot water against weeds, dirt and chewing gum

With the WRS 200, Kärcher offers an implement for the MC 130 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 maneuvering. Tried and tested Kärcher components such as the 141 HP (105 kW) burner and the 2,900 psi (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 2,900 psi (200 bar)
- Water working temperature: up to 98°C
- Flow rate: 7 gpm (28 l/min)
- Fuel consumption (weed removal): 2.1 gal (8 l) of diesel/h
- Fresh water tank: 211 gal (800 l)



# SPECIALIST IN WORKING WITH FLUIDS

Kärcher is a specialist in wet cleaning. The MC 130 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.

## **Deep clean surfaces with the scrubbing deck**

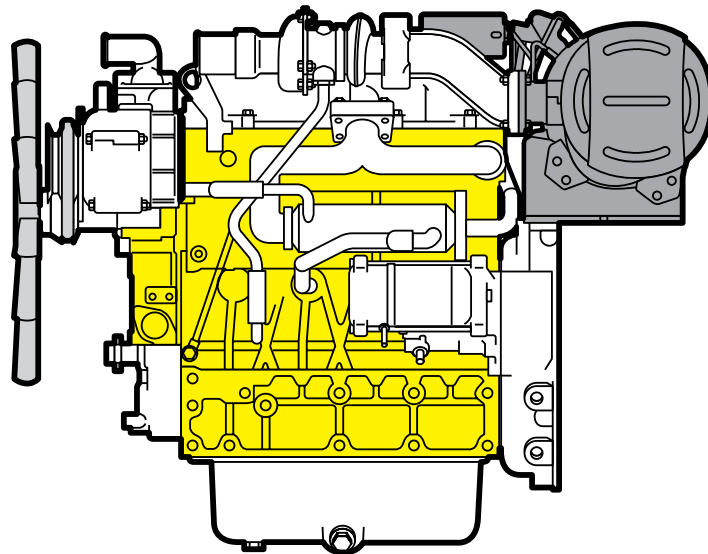
With its three hydraulic plate brushes, the scrubbing deck offers you optimal possibilities for thorough wet cleaning. It can be used to remove heavy dirt from underground car parks, parking levels or public spaces effectively. A separate canister can be used to add cleaning agent as required during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

- Three 18" (460 mm) polypropylene plate brushes in different degrees of hardness
- Quick lock for quick brush replacements
- Working width: approx. 49" (1,240 mm)
- Cleaning agent tank: 1.3 gal (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.



## **The engine**

The MC 130 has a powerful four-cylinder turbo diesel engine rated at 66 HP (48 kW). It boasts low fuel consumption and low emissions (exhaust emissions standard Tier 4 Final). 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.

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