

KÄRCHER

makes a difference



THE ALL-ROUNDER FOR MUNICIPALITIES

Compact. Manoeuvrable. Universal.

PROFESSIONAL | MUNICIPAL COMPACT CLASS



TAILORMADE FOR MUNICIPALITIES

Perfect precision work doesn't just have to suit one particular person. With over 10 years of intensive experience, Kärcher is very familiar with the present and future requirements of outdoor cleaning. These requirements are regularly incorporated in the development stage. High reliability, above-average robustness, maximum efficiency and almost unlimited application possibilities are the guidelines. The objective is optimum solutions for each task and perfect cleaning results.



FROM REAL LIFE TO DEVELOPMENT AND PRODUCTION

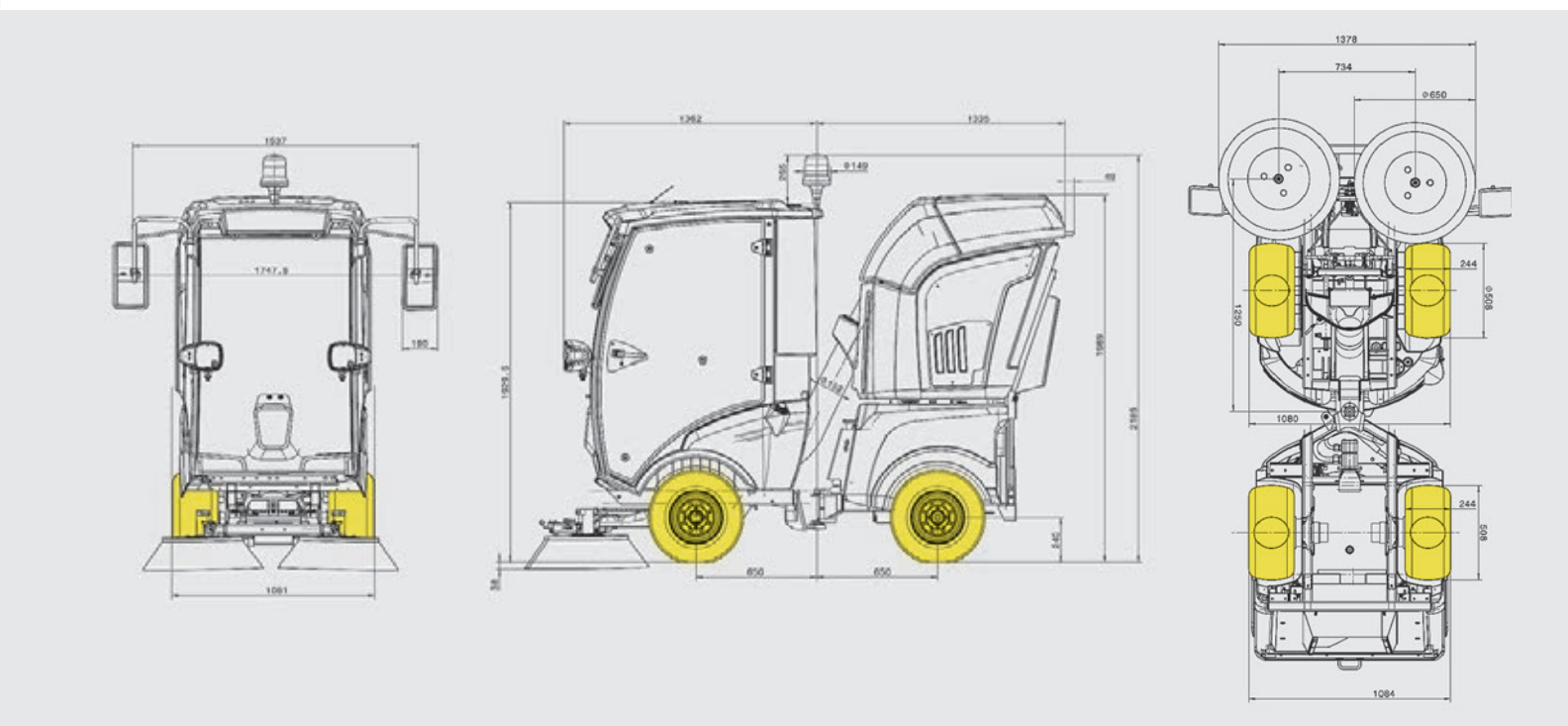
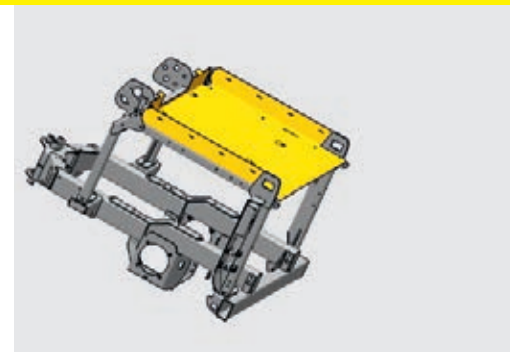


Manoeuvrability is good. High manoeuvrability is better. Extreme manoeuvrability with articulated steering and 100% directional stability is Kärcher. Because, with Kärcher implement carriers with articulated steering, the rear vehicle travels exactly the same path as the front vehicle. Pass every kerb and obstacle without hitting anything. And this is what makes these machines so flexible.

Innovative technologies are developed from the idea through to series production in the Kärcher development centre for municipal equipment and become advanced designs. This is where the reliable and economical implement carriers and implements are developed. Popular with more and more local authorities and companies, they are manufactured in a wide vertical range with uncompromising Kärcher quality. The Kärcher municipal equipment international development team is globally linked and therefore always very close to markets. This is genuine "made in Germany" quality, meeting the requirements of a wide range of users worldwide.

The Kärcher municipal equipment business segment has developed at a remarkable pace into a system provider and partner of municipalities and companies. Many factors have contributed to this success story. The development of practical solutions in close dialogue

with the drivers who use these vehicles every day for various tasks and in ever-changing conditions plays a significant role. These professionals are the benchmark which influences Kärcher municipal equipment.



What makes Kärcher implement carriers and implements ideal working tools for municipalities? Kärcher municipal equipment provides solutions which are customised to requirements. Regional and functional differences are considered in the design process. Decisive factors are always the high payload, manoeuvrability and compact dimensions. A narrow 1090 millimetre machine width and very small turning circles are perfect in city centre locations.

Thanks to the articulated steering with directional stability and up to 25 percent climbing ability, kerbs and slopes do not pose an obstacle. Comfortable driver cabins, ergonomic driver's seats and adjustable steering columns make it possible to work for long periods without fatigue. And, last but not least, high quality standards in development and production, as well as strict testing methods in the lab and trial operations, guarantee that the investment in a local authority machine pays off in the long run.

ECONOMICAL AT ANY TIME OF THE YEAR



Kärcher municipality machines do special things anywhere, at any time: in large areas and in challenging locations. Roads, paths, car parks, grassed surfaces and sports facilities. From spring cleaning to green area maintenance in summer and autumn as well as winter service. Each of these robust machines with diverse implements forms an application-optimised solution in terms of power, operability and efficiency. And thus an investment which retains its value over many years.



Sweeping

Green area
maintenance

Winter service

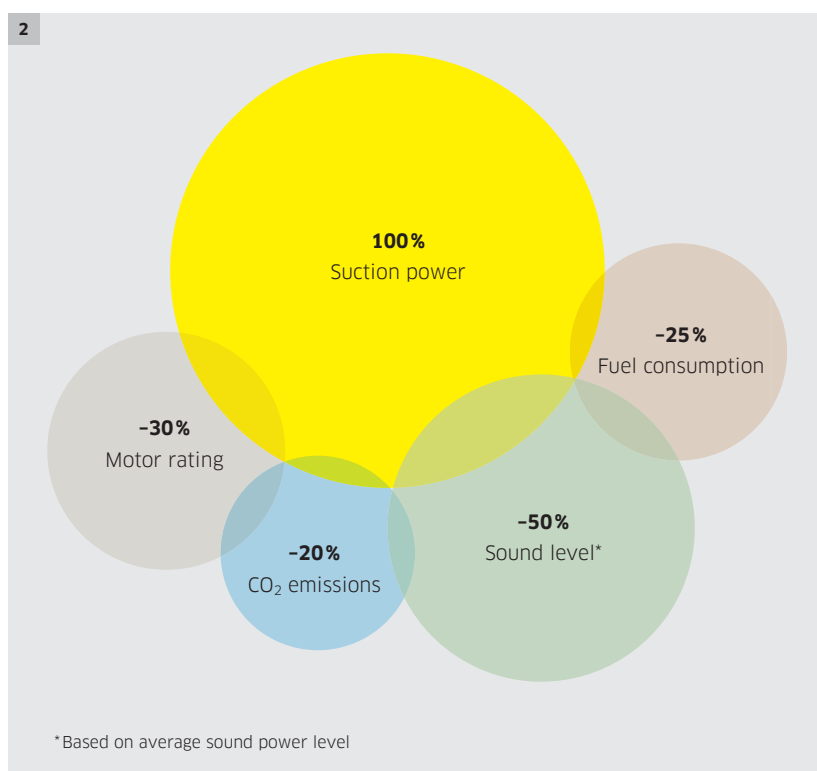
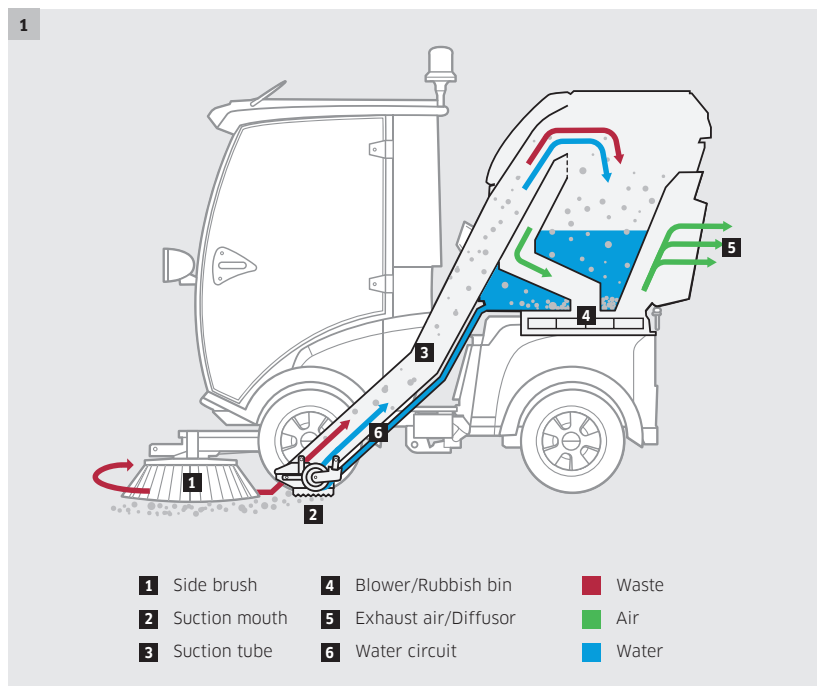
Wet cleaning

Perfect sweeping

A Kärcher municipal machine is always exactly what it should be: from the universal implement carrier to the sweeper. Anything is possible. With sweeping widths from 900 to 2000 millimetres, a waste container volume of 500 litres and a large 165 litre fresh water tank, the Kärcher fleet covers the entire range of sweeping applications.



This QR code takes you to application videos in which the MIC compact class impressively demonstrates its performance and efficiency in diverse cleaning tasks.



1 Highly efficient suction system

A vacuum suction system is used in Kärcher vacuum sweepers with which the side brushes sweep the dirt into the centre. There an optimally positioned suction mouth takes up the dirt. The dirt is transported into the container with the air flow through a flow-optimised straight suction tube. Continuous water spraying in the suction tube and at the brushes prevents the formation of dust so that the discharged air is largely clean. With the water circulation system the dust is bound even more efficiently, with significantly lower water consumption and a longer operating time. At the same time, the environment is protected and costs are saved.

2 The benchmark for efficiency

The MC 50 proves day-to-day that economy and ecology are not mutually exclusive. A compact sweeping machine which cleans up and is clean. The innovative suction system with a large vacuum blower provides maximum suction power – already at 75 percent of the maximum engine speed. The result: less noise, less consumption, fewer emissions and less wear. The MC 50 even complies with the strict exhaust emissions standard STAGE IIIa.



PACKED WITH YOUR IDEAS

Many factors contribute to the success story of our municipal equipment. One very important factor is the close cooperation with you, the users of our products.

Our municipal equipment business segment has developed at a remarkable pace into a leading system provider and partner of municipalities and companies. There is a good reason why our vehicles are so popular: we develop our equipment in close consultation with the drivers who use these vehicles every day for various tasks and in ever-changing conditions.



In our company the users are involved in the development process

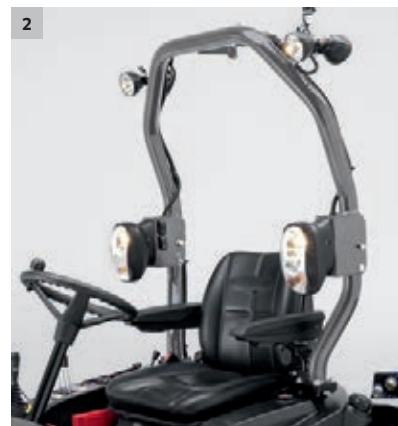
Our engineers and technicians are highly qualified experts who develop innovative ideas and technology. Add your experiences, and ideas and practical solutions by professionals for professionals are developed. Our MC 50 has some highlights which originate from our customers' ideas. This way we are constantly improving existing products together. And turning them into new products which bring you even more added value.

- 1 Night and day**
Light ensures visibility and safety. With 2 LED headlights our MC 50 optimally illuminates the entire front working area. And the good visibility means fatigue-free work and enhanced safety in traffic.
- 2 Joystick operation**
You control the implements of your machine using an ergonomic joystick. As a result, you have fewer switches in the cabin, making operation intuitive and simple. And the movement hydraulics work precisely and gently without any jerks thanks to the semi-proportional valve. You have everything you need at hand.
- 3 Pleasant atmosphere**
You enjoy more comfort with the new airflow system: the uniform temperature throughout the cabin prevents the windscreen and side windows from misting. In all weather conditions.



OPEN FOR EVEN MORE TASKS: THE MIC 26 C

The open version of the MIC 26 C, without cabin, really shows off its merits in green area maintenance. The low vehicle height permits driving and working even in areas which are heavily overgrown/difficult to access. With an optimised all-round view of implements and the surrounding area at the same time. The lower centre of gravity also enables safe working on a slope.



Model

MIC 26 C

- Preparation for year-round use
- Sweeping, mowing, winter service
- Optimum all-round visibility

Technical data

Drive / Engine		4-stroke diesel engine / Yanmar
Power		19.2 kW / 26 hp
Driving speed	km/h	20
Climbing ability	%	25
Turning radius (inside)	m	0.75
Dimensions (L × W × H)	mm	2,281 × 1,069 × 1,984
Total permissible weight	kg	1,750
Unladen weight	kg	750

1 Certified safety

The ROPS-certified roll bar gives the driver reliable protection in the event of a roll-over. For transport on trailers, the ROPS roll bar can simply be folded down.

2 Light and sight

The MIC 26 C can be equipped with driving and working lights as required: 2 headlights at the front and back for illuminating the road or working area and a flashing beacon.

3 Large storage space

The storage compartment under the driver's seat offers enough space for personal belongings and vehicle documentation.

4 Green area maintenance

Mowing in parks, e.g. under trees, possible with ROPS roll bar folded down. The articulated steering allows flexible work right to the wall.



MIC 26 C ADVANCED AND MC 50 ADVANCED

The MIC 26 C Advanced and the MC 50 Advanced offer excellent sweeping properties and are fully designed for year-round use. The fully glazed cabin with optimum all-round visibility protects the driver against extreme weather conditions. The powerful heating is standard. A convenient air-conditioning unit is also available on request.



Model	MIC 26C Advanced	MIC 26C Advanced Comfort
	MC 50 Advanced	MC 50 Advanced Comfort
	<ul style="list-style-type: none"> ■ Cab ■ Heating ■ Faux leather seat 	<ul style="list-style-type: none"> ■ Cab ■ Heating ■ Faux leather seat ■ Air conditioning

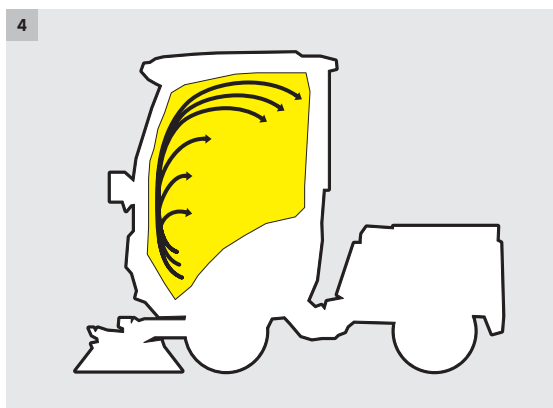
Technical data			
Drive / Engine		4-stroke diesel engine / Yanmar	4-stroke diesel engine / Yanmar
Power		19.2 kW / 26 hp	19.2 kW / 26 hp
Driving speed	km/h	20	20
Climbing ability	%	25	25
Turning radius (inside)	m	0.75	0.75
Dimensions (L × W × H)	mm	2,960 × 1,090 × 1,970	2,960 × 1,090 × 1,970
Total permissible weight	kg	1,750	1,750
Unladen weight	kg	850 (without sweeping system)	850 (without sweeping system)
Container capacity	l	500	500
Fresh water tank	l	165	165
Working width	mm	900 - 1,400	900 - 1,400
Working width of 3rd side brush	mm	2,000	2,000
Emptying height	mm	1,450	1,450

- Parallelogram-led sweeping system**
 The freely suspended sweeping mechanism with unloader and hydraulic float switch ensures consistent contact pressure and thus optimum rear-view mirror also on uneven ground. It also ensures optimum sweeping results at all times. A bumper at the front and side provides added safety.
- Automatic coarse dirt flap**
 The coarse dirt flap automatically opens for larger objects such as bottles or higher volumes of light debris such as leaves or packaging – and closes again as fast as possible. For perfect suction without residues.
- Clever and practical**
 The straight suction channel minimises the risk of blockages. For direct access and quick cleaning, the suction tube between suction mouth and waste container can be removed tool-free with 2 hand movements. Cleaning and removal of blockages have never been so easy and time-saving.
- Innovation with vacuum**
 The innovative suction system of the Kärcher MIC was developed using CFD flow simulations on the computer. The result: less noise, less consumption, lower emissions and less wear. The robust and corrosion-free waste container with 500 litre volume allows a fill level of up to 100 percent and is easy to empty.



PERSISTENT: MIC 34 C

The MIC 34 C is a municipal implement carrier for high-performance applications. With the 34 hp turbo diesel engine, impressive power is available in every situation. And thanks to the powerful heating and air-conditioning unit, this potential can be used permanently in all weather conditions.



A Kärcher municipal machine is always exactly what it should be: from the universal implement carrier to the sweeper. Anything is possible. With sweeping widths from 900 to 2000 millimetres, a waste container volume of 500 litres and a large 165 litre fresh water tank, the Kärcher fleet covers the entire range of sweeping applications.

Model	MIC 34 C
	<ul style="list-style-type: none"> ■ Comfort seat with fabric cover ■ Heating ■ Air conditioning

Technical data		
Drive / Engine		4-stroke diesel engine / Yanmar
Power		24 kW / 34 hp
Driving speed	km/h	20
Climbing ability	%	25
Turning radius (inside)	m	0.75
Dimensions (L x W x H)	mm	2,410 x 1,080 x 1,969
Total permissible weight	kg	1,750
Unladen weight	kg	850

- 1 Robust power transmission**
 Efficient hydraulics adapted to the high motor rating enable mowing with intake, as well as weed eradication and suction, in a single work process.
- 2 Power with endurance**
 The 34 hp turbo diesel engine opens up a variety of possible applications. The 40 litre hydraulic system effortlessly drives even heavy-duty implements, e.g. snow throwers or mowers. And the second hydraulic circuit increases the versatility.
- 3 Preparation is key**
 The quick-change system permits effortless and quick changing of various implements by only one person. In less than 5 minutes the machine can be refitted from a sweeper to a mower or for winter service.
- 4 Hot and cold**
 Heating and air-conditioning unit are standard in the MIC 34 C and offer exceptional working comfort in hot and cold weather.

WHAT THEY CAN DO: MIC 26 C AND MIC 34 C



1 2.851-333.0

Sweeping system,
centre drive



2 2.851-072.0

Wander hose



3 2.851-311.0/312.0/313.0

Weed brush



4 upon request

Mower-Vacuum combination



5 upon request

Mower 135 cm



6 upon request

Mower 155 cm



7 upon request

Mower-Vacuum combination



8 6.991-059.0

Flail mower 100 cm

The versatility of the implement carriers in the MIC compact class is impressive. From sweeping to green area maintenance and winter service through to wet cleaning, all municipal applications are professionally

covered. Kärcher works with well-known manufacturers of implements to increase the range of applications and support integration in existing fleets.



1 2.851-441.0
Front roller brush,
centre drive



2 2.851-125.0
Variable snowplough



3 2.851-532.0
Snow thrower



4 2.851-343.0
Loading bed



5 2.851-737.0
Semi-mounted spreader



6 2.851-532.0
Scrub deck



7 2.851-116.0
High-pressure cleaner

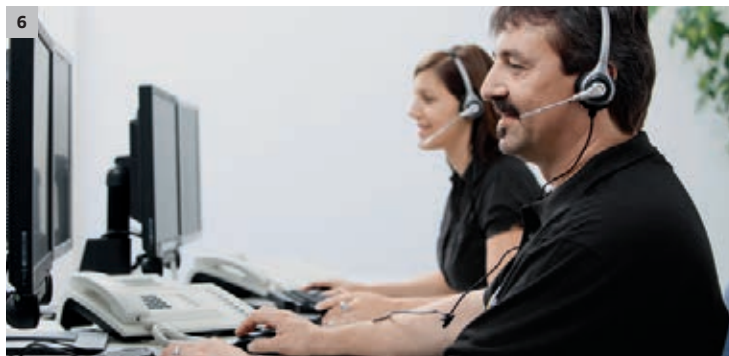


8 upon request
Watering arm



9 2.851-828.0
Washer

VERSATILITY IS THE RESULT OF FUNCTION AND COMFORT.



1 Attractive equipment

From the drinks holder to the document pouch, from the suspended comfort seat to the radio with CD player – practical and clever equipment details make work particularly pleasant for the driver of a MIC.

2 If new, then only original

Only Kärcher original parts have the proverbial Kärcher quality. This applies to the side brushes and the engine oil and hydraulic fluid – and also of course to all other wear parts, spare parts, lubricants and operating materials. Nothing is better and more reliable than the original.

3 Application-based configuration

Individual extras such as wander hose, water circulation system, traction drive and hydraulics expand the application possibilities and increase the usefulness of the MIC system.

4 The right tool for every job

Kärcher offers the appropriate attachment for every task: front roller brush, brush systems with and without side brushes and suction system for outdoor cleaning. Mowers, weed brush and hydraulic watering arm for green area maintenance. Snow throwers, snowploughs and semi-mounted spreaders for winter service. High-pressure cleaners and washer systems for wet cleaning.

5 Service agreements

Always top performance: with our service agreements your Kärcher cleaning machines are always ready for use – thanks to regular inspections, maintenance or the complete full-service package.

6 Hotline*

Friendly. Competent. Solution-oriented. Kärcher hotline employees are very familiar with all devices, accessories and cleaning agents in order to provide you with competent advice on the telephone.

*Your hotline number and more information are available from your local contact partner or online at www.kaercher.com

The workstation on Kärcher municipal machines can be designed with various accessories, both functional and convenient. Options such as rear view camera, radio with CD player, comfort seat and heated rear mirror serve to enhance the driver's safety and also make things easier for the driver. The compatible Kärcher system comprising

implement carriers, implements and accessories offers a high degree of functionality and performance. The guaranteed high spare parts availability with minimal delivery times and long-term stocking ensure operational readiness and long-term economic efficiency.

Implement carrier	MIC 26 C	MIC 26 C Advanced	MIC 34 C Advanced
		MC 50 Advanced	

Technical data – Implement carrier				
Engine		Yanmar diesel engine 3TNV76	Yanmar diesel engine 3TNV76	Kubota diesel engine D1105-T
Cylinder		3	3	3
Displacement	cm ³	1,116	1,116	1,123
Power	hp	26 at 3,000 rpm	26 at 3,000 rpm	34 at 3,000 rpm
Fuel tank	l	37	37	37
Maximum speed	km/h	20	20	20
Unladen weight of implement carrier	kg	750	850	850
Unladen weight of sweeper	kg	1,075	1,180	1,180
Total permissible weight	kg	1,750	1,750	1,750
Trailer load, braked	kg	1,250	1,250	1,250
Trailer load, unbraked	kg	750	750	750
Dimensions (without sweeping system)	mm	2,410 × 1,080 × 1,969	2,410 × 1,080 × 1,969	2,410 × 1,080 × 1,969
Steering lock	°	52	52	52
Turning radius (inside)	m	0.75	0.75	0.75
Climbing ability	%	25	25	25

Technical data – Sweeper				
Area performance	m ² /h	14,000	14,000	14,000
Working width with 2 side brushes	mm	900 – 1,400	900 – 1,400	900 – 1,400
Working width with 3 side brushes	mm	2,000	2,000	2,000
Waste container volume	l	500	500	500
Unloading height	mm	1,450	1,450	1,450
Fresh water tank	l	165	165	165
Water circulation system	l	up to 50	up to 50	up to 50
Suction tube diameter	mm	150	150	150
Lifting capacity of front lift	kg	400	400	400

Product equipment			
Cabin	–	■	■
Roll protection	■	–	–
Heating	–	■	■
Air conditioning	–	■	■
40 l circuit front + back	■	■	■
Driver's seat	Faux leather	Faux leather	Fabric
Comfort seat with air suspension	–	□	□
Joystick operation	–	■	■

■ Included in scope of delivery. □ Possible accessory.

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