



Our commitment to

# innovative

technologies

Since our first piece of equipment saw the light of day, we have been driven to keep improving. Driven to make our cities, infrastructure and environments cleaner and greener. Driven to innovate and engineer new and better cleaning and clearing technologies and solutions. To cover your operations whether you are working within urban or residential environments, highways, roads, airports, construction zones or industrial sites.

For you, that means having a partner that will always be there to support you and your business. Not only when it comes to providing industry leading innovation, technology and sustainability, also when it comes to delivering support to your team, enabling you to drive a profitable business and stay ahead of future changes.



---

Driven by better

# Discover how **innovative technologies** can boost performance and sustainability

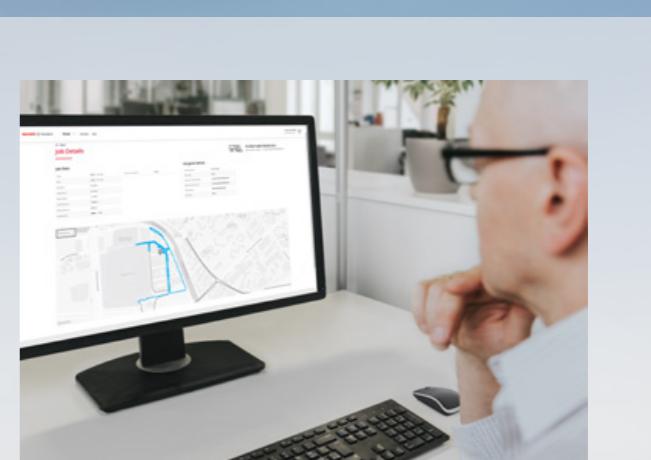
Infrastructures in cities are under an increasing pressure due to urbanisation and extreme weather events. In response to these challenges, the requirements for cleaning and clearing equipment quality, technology and efficiency are on the rise. From pioneering the first fully electric heavy-duty compact sweeper to offering a fully electric fleet, our cutting-edge technology has redefined industry standards, setting new benchmarks for performance, reliability, and sustainability.

In order to best support you and your operations, we work with you to transform your needs and obstacles into opportunities to create better, more efficient solutions. This is why we constantly challenge industry standards: To develop innovative technologies and find more efficient ways to help our communities run smoothly.

Today, you can choose from the most technologically advanced equipment for cleaning and clearance work in public and private traffic areas. From engineering powerhouses with unrivaled power and precision, introducing Advanced Driver Assist Systems with revolutionary advancements in comfort, safety and efficiency to utilizing alternative power trains across the entire fleet, we help our customers ensure a clean and safe environment.

Supporting customers throughout the entire product life cycle is our philosophy. And it is for this reason we released *Bucher Connect*. The platform for digital products and services solutions comprises of planning and analysis options and also serves as a centralised platform for repair and service planning. Service technicians receive detailed information and can better plan any needed repair work, while operation monitoring provides customers with information about vehicle use and efficiency. This helps you reduce material and energy consumption of your fleet.

**Connecting tomorrow, today**



Bucher Connect digital solution is ideal for managing your cleaning and clearing operations. The fully automated real-time data analytics and reports help you optimise operations and lower energy consumption across your fleet.

Every city, municipality or private contractor want to use their fleet in the most energy-efficient and cost-effective way. But how? Bucher Connect might be the solution you are looking for.

With Bucher Connect, you can monitor the fleet's efficiency and health status in real time, enabling you to plan the use and maintenance of vehicles in a resource saving manner. With vehicles in operation, Bucher Connect helps to optimise route guidance and continuously monitors the central operating parameters, ultimately helping you to reduce fuel and energy consumption.

Based on recent experience, Bucher Connect can increase fleet productivity by 5% and reduce energy consumption by 3%.

**BUCHER**  Connect

# Charging **EVolution**

Elevate and empower your fleet to achieve more with innovative electric equipment from Bucher Municipal. Designed to exceed expectations, work round-the-clock under the most challenging conditions and to minimize your downtime, they keep operations on track and communities clean.

Add reduced noise pollution, increased operator comfort, safety and a user-friendly interface, and you are ready to optimise your operations. From the arctic chill to the southern sizzle, we have tried and tested our equipment under the most extreme conditions. Today, we take pride in offering Electric Drive with industry leading options and high-speed charging across the portfolio.

**Join us in Charging Evolution. Powering change. One charge at a time.**



Scan to explore  
Charging Evolution

## Product categories with Electric Drive



Compact  
Sweepers



Truck-mounted  
Sweepers



Sewer and  
Drainage



Winter  
Equipment

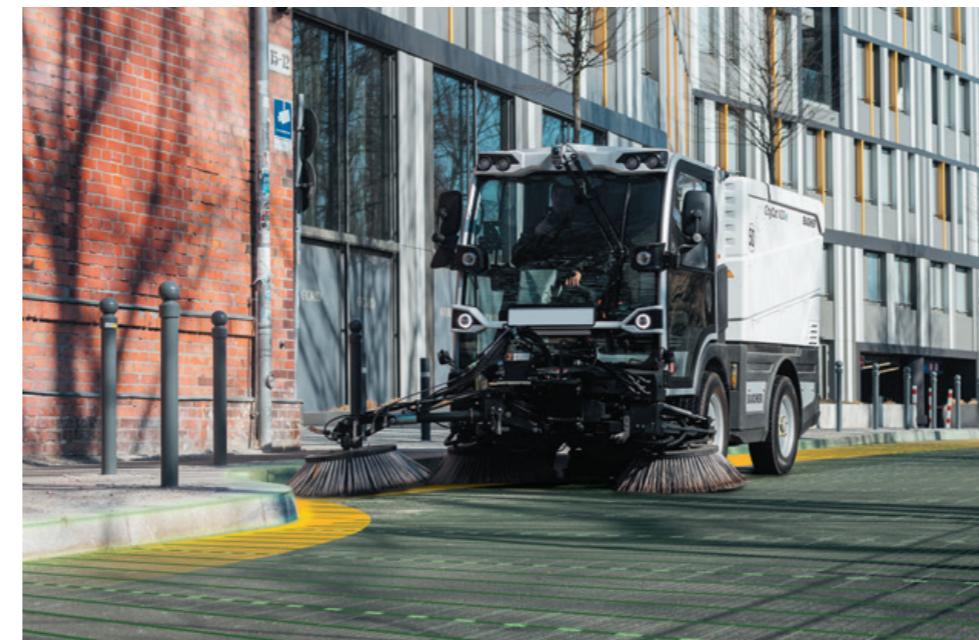
## Autonomous Evolution

# Advanced Driver Assist Systems

Enter the world of Advanced Driver Assist Systems and a new era of operator comfort and safety, while harvesting the benefits of heightened efficiency and effectiveness. By augmenting human efforts, the Advanced Driver Assist Systems represent a revolutionary advancement in comfort, safety and efficiency when working in fast-paced urban areas or in industrial areas.

Imagine a cityscape where the streets are free from debris, pathways remain clean, and public spaces shine. A thriving city centre where operators work comfortably and safely, enabling pedestrians to navigate unencumbered, cyclists to travel unhindered, and motorists to enjoy safe travels.

With Advanced Driver Assist Systems seamlessly integrated, this vision becomes reality. Ensuring optimal performance without disrupting the flow of urban life and prioritizing the comfort and safety of operators, the benefits extend far beyond convenience. The cognitive load of the operator is reduced, as the systems allow the full focus on operations excellence and less on navigating the many obstacles in urban environments. This reduces operator stress, while increasing safety and maximising efficiency with improved cleaning results for the benefit of everyone, operators, businesses and citizens.



## PathFollow for perfect sweeping results

PathFollow automatically detects the roadside using on-board cameras and lidars mounted around the vehicle. It then proceeds to fully automatically position the vehicle towards e.g. the curb, by taking over steering control and aligning the brushes perfectly to the road side. PathFollow automatically stops in front of an obstacle or when the road environment changes, eliminating the need for constant driver intervention during curb cleaning. The assistance system also works when the sweeper is operating along a row parked cars or walls. In addition, PathFollow deactivates automatically, if the driver moves the steering wheel or presses gas / brakes, ensuring maximum safety during operation.

## SafeSweep towards zero collisions

Introducing SafeSweep, a real time collision prevention system designed specifically for sweeping vehicles. SafeSweep is a cutting-edge assistance systems that gives the sweeper operator realtime warnings about possible collisions during sweeping mode, all while taking into account the brush positions, the sweep gear and the vehicle itself. The result? Fewer accidents and more uptime.

Levaraging multiple lidar sensors on the vehicle, SafeSweep detects objects all around the sweeper and provides the driver with a real-time 360-degree bird view of the environment. This ensures the driver is always aware of potential collisions.

## SmartSweep for a safe driving

With the SmartSweep option, drivers are able to focus on safe driving whilst the AI technology takes care of the rest. With automated sweeping functions like nozzle control and fan speed, drivers can concentrate on manoeuvering safely around pedestrians and obstacles.

**CSI (Clean Street Index)** analyses debris on the street in real time providing an objective weighted score of street cleanliness.

**SmartPickup** recognises type and location of debris and automatically adjusts the nozzle together with optimised fan speed.

**SmartSetup** recognises if debris is not picked up and provides feedback for suggested sweeping set up adjustments.



## Bucher CityCat V20 series

The Bucher CityCat V20 offers an unmatched combination of articulated steering and a state-of-the-art Euro 6 diesel engine, pulled or pushed brush system, maximum suction power and an energy-saving fan for outstanding efficiency. With its low fuel consumption, reduced exhaust emissions and low noise levels, it's obvious why this sweeper should be part of any fleet for inner-city cleaning purposes.

The Bucher CityCat V20 with optional four-wheel drive offers an even more robust solution for tough winter use. Combined with the Bucher Husky V10 salt spreader and optional front attachments such as a snow plough or snow roller brush, the vehicle masters every challenge from heavy snowfall to clearing snow uphill.

In the Bucher CityCat V20e, we utilize a custom-designed battery pack with the capacity to last a full 10-hour shift. Powerful but respectful to its surroundings, the Bucher CityCat V20e can be used round the clock due to the impressive low noise emissions.

Together with the Bucher Husky L14e liquid spreader, a unique all-electric combination, we are addressing municipalities and service providers with the highest environmental standards. This enables you completely emission-free municipal operations with high vehicle utilisation and thus particularly economically.

The easy-to-use "Quick-Change" system allows the vehicle to be converted from sweeping to winter operation in less than 20 minutes. Another benefit, the control of the winter equipment is completely included in the existing vehicle operation.

The Bucher CityCat VS20 offers an unmatched combination of articulated steering, pulled or pushed brush system, maximum suction power and an energy-saving fan for outstanding efficiency. With its low fuel consumption, low noise levels and high comfort, it's obvious why this sweeper should be part of any fleet for inner-city cleaning purposes.

The Bucher CityCat VS20e has a custom-designed battery pack with the capacity to last at least up to 7 hours. Powerful but respectful to its surroundings, the Bucher CityCat VS20e can also be used round the clock – such are its impressive low noise emissions. This is proven technology with minimal environmental impact, ready to use in small and confined spaces.

### Technical specifications

	CityCat VS20	CityCat VS20e	CityCat V20	CityCat V20e
<b>Engine</b>				
Type	TCD 2.2 L3, Stage V, 45 kW / 55 kW	electric, Li-ion	R754EU6D, EU 6, 62 kW, TCD 2.2 L3 Stage V, 55 kW	electric, Li-ion
Battery capacity	-	45 kWh	-	80 kWh
Operating time	-	up to 7 hours	-	up to 10 hours
<b>Vehicle data</b>				
GVW	3500 kg	3500 kg	4800 kg	4800 kg
Payload	1000 kg	1000 kg	2100 kg	2100 kg
Empty weight	2500 kg	2500 kg	2700 kg	2700 kg
Climbing ability	up to 30 %	up to 30 %	up to 30 %	up to 30 %
Sweep width 2 brush system	3040 mm	3040 mm	3040 mm	3040 mm
Sweep width 3 brush system	2700 mm	2700 mm	2700 mm	2700 mm
Noise level L <sub>WA</sub>	98 dB(A)	92 dB(A)	97 dB(A)	92 dB(A)





## Bucher CityCat W20 & W20e

The Bucher CityCat W20 and W20e are the result of many years of experience in the washing sector. These vehicles offer excellent handling thanks to their articulated steering and compact size and are ideal for pavements, pedestrian areas, squares and yards.

Their 360° boom with hose reel mounted on the roof make it possible to pressure wash even hard-to-reach corners and angles.

The washer is equipped with a telescopic spray bar mounted on the front of the vehicle which enables cleaning of areas in a range of 1.3 to 2.4 metres.

It is hydraulically swiveled, raised, lowered, extended and retracted. The spray bar consists of five segments which can be switched on and off individually. Namely the central spray bar, the extendable spray bars as well the side flushing nozzles on the right and left.

Water is supplied by a 60 bar, 70 l/min pump for which the pressure can be steplessly adjusted out of the cab of the vehicle. Combined with a large water volume of up to 2'000 litres, they provide for maximum autonomy and a spotless cleaning result.

The Bucher CityCat W20 and W20e can be equipped with a 200 bar water pump with a pistol grip hand lance and automatic retractable reel giving the operator an extended range of cleaning possibilities.

We believe all drivers should enjoy working with our washer, so we've introduced a walk-through cab, soft touch steering and an armrest with ergonomically perfected controls. A great view out of the cab is not only provided by the big, heated front screen and all glass doors but also through the camera options of which the views can be displayed on the Smart-Con and CSense screens.

The system is operated via the Smart-Con armrest and CSense touch display, offering an ergonomic and easy control of the washer vehicle. The Smart-Con operation concept includes a multi-functional armrest with smart start function which makes it possible to operate all working functions with one hand.

With the CSense display (10.1 inch touch display) an intuitive design for extended functions, central overview of all settings and visual diagnostic system is provided for the operator. The displayed vehicle set-up can be individually chosen by the driver.

### Technical specifications

#### Bucher

Height with boom	2410 mm
Cleaning width min.	1300 mm
Cleaning width max.	2400 mm
Empty weight	2700 kg <sup>1</sup>
Payload	2100 kg <sup>1</sup>
GVW	4800 kg
Noise level L <sub>WA</sub>	97 dB(A)
Water tank volume	up to 2000 l
Max. pump flow rate	70 l/min
Max. pump pressure	60 bar
Drive	R754EU6D, Euro 6, 62 kW
Operating time	-

#### CityCat W20

Height with boom	2410 mm
Cleaning width min.	1300 mm
Cleaning width max.	2400 mm
Empty weight	2700 kg <sup>1</sup>
Payload	2100 kg <sup>1</sup>
GVW	4800 kg
Noise level L <sub>WA</sub>	97 dB(A)
Water tank volume	up to 2000 l
Max. pump flow rate	70 l/min
Max. pump pressure	60 bar
Drive	R754EU6D, Euro 6, 62 kW
Operating time	-

#### CityCat W20e

Height with boom	2410 mm
Cleaning width min.	1300 mm
Cleaning width max.	2400 mm
Empty weight	2700 kg <sup>1</sup>
Payload	2100 kg <sup>1</sup>
GVW	4800 kg
Noise level L <sub>WA</sub>	94 dB(A)
Water tank volume	up to 2000 l
Max. pump flow rate	70 l/min
Max. pump pressure	60 bar
Drive	electric, Li-ion, 80 kWh
Operating time	up to 10 hours

<sup>1</sup> Depending on the respective configuration





## Bucher C202

Designed for inner-city use and around six key objectives as required by our customers, the Bucher C202 achieves high performance, high productivity, low cost of ownership, minimal environmental impact, and safe operating experience, all delivered in one package.

Safety for the operator, service engineer, other road users and vulnerable road users is everyone's priority. The Bucher C202 has a range of features and optional equipment designed to make operating and repairing the vehicle better than ever, as well as providing a first-class working environment.

In a busy urban setting, the Bucher C202 is taken for granted by the public as an environmental benefit to their living space. It's comforting to know that the Bucher C202 can deliver a productive service with minimal impact on the environment.

High productivity starts with the interaction of driver and equipment. The sweeping system with wide suction intake, plus a large water and hopper volume are the basis for achieving this goal.

The pushed brush system is easy to manoeuvre, the brush arms are individually adjustable and hammerhead sweeping is also possible.

### Technical specifications

#### Dimensions

Length	4270 mm
Width	1315 mm
Height	1985 mm
Wheelbase	1550 mm
Track	1143 / 1158 mm
Max. cleaning width	3120 mm

#### Weight

Unladen weight	2850 kg
Payload	1650 kg
GVW	4500 kg

#### Driving performance

Working speed	0-16 km/h
Travelling speed	0-50 km/h*
Climbing ability	up to 30 %

#### Low emission diesel engine

Type	R754EU6C / R754ISE5 / D754TE3
Exhaust class	EU 6 / Stage 5 / Stage 3A
Displacement	2970 cm <sup>3</sup>
Output	62 / 55 / 54 kW
Torque	270 / 310 / 255 Nm

\* According to national legislation





## Bucher CityCat VR50 & VR50e

The Bucher CityCat VR50 and VR50e are setting a new standard for compact sweepers with their unique design and pioneering technology. These mid-sized road sweepers provide the best of both worlds; maneuverable dimensions combined with heavy-duty suction performance, pulled or pushed brush system and four-wheel steering - an ideal combination for sweeping urban areas where large hopper capacity and compact agility are equally important.

The Bucher CityCat VR50 and CityCat VR50e deliver on performance. They have the appetite of a large truck mounted sweeper, the functionality of a multi-season vehicle and the maneuverability of a compact sweeper.

The completely redesigned cab including the Smart-Con operating system offers the operator maximum comfort and safety while providing a modern workplace.

On the Bucher CityCat VR50 power is supplied by a potent 118 kW, Euro 6 emission standard diesel engine with AdBlue additive and an exhaust after-treatment system.

The all-electric Bucher CityCat VR50e is powered by a 137 kWh Bucher Battery Pack which provides the autonomy to fulfill a full 10-hour shift.

With the 5.6 m<sup>3</sup> hopper, 880 l of fresh water and an optional water recirculation feature, both compact sweepers achieve increased on-station time, enhancing productivity and reducing running costs.

### Technical specifications

#### Bucher

Powerpack	FPT, Iveco Euro 6, 118 kW
Charging system	-
Working speed	0-20 km/h
Travelling speed	0-80 km/h*
Climbing ability	up to 30 %
GVW	10 500 kg
Empty weight	5500 kg
Payload	5000 kg

#### CityCat VR50

Powerpack	FPT, Iveco Euro 6, 118 kW
Charging system	-
Working speed	0-20 km/h
Travelling speed	0-80 km/h*
Climbing ability	up to 30 %
GVW	10 500 kg
Empty weight	5500 kg
Payload	5000 kg

#### CityCat VR50e

Powerpack	Li-Ion Battery, 137 kWh
Charging system	AC: 22 kW, 5-6 h/DC: 70 kW, 1.5-2 h
Working speed	0-20 km/h
Travelling speed	0-50 km/h*
Climbing ability	up to 30 %
GVW	10 500 kg
Empty weight	5800 kg
Payload	4700 kg

\* According to national legislation





## Bucher CityCat WR50 & WR50e

The new high-performance washers Bucher CityCat WR50 and WR50e represents optimized efficiency, enhanced operator comfort and powerful operation.

With 5000 l water volume and 10.5 t gross weight, the Bucher CityCat WR50 and WR50e deliver an outstanding load capacity while ensuring most efficient performance. The main water tank is made of corrosion-resistant stainless steel with very good resistance even to chlorinated water, with baffle plates and two access openings in the roof of the tank and two low-lying plastic side tanks for a low centre of gravity and good driving stability. The water tank can be tilted hydraulically for easy maintenance to ensure optimum access.

The hand lance and water hose with a length of 15 m and an automatic reel are attached to a boom mounted on top of the washer and allow 360° cleaning around the vehicle.

The spray bar is controlled from the cab via the Smart-Con armrest as standard for start and stop, with optional lifting and swiveling. It enables the treatment of areas with a width of 2.25 meters.

The compact outer dimensions, as well as the four-wheel steering that can be turned on and off, give the vehicle maximum manoeuvrability and ensure perfect directional stability and safety for everyday work.

The completely redesigned cab with all LED lights, central locking system and glass all around offers the operator maximum comfort and safety while providing a modern workplace. The Bucher CityCat WR50 and WR50e are operated via the ergonomically designed and one-hand operated Smart-Con operating system. The CSense touch display includes all additional operating tools, getting rid of unnecessary switches in the cab, leaving the driver concentrated on the work ahead.

### Technical specifications

#### Bucher

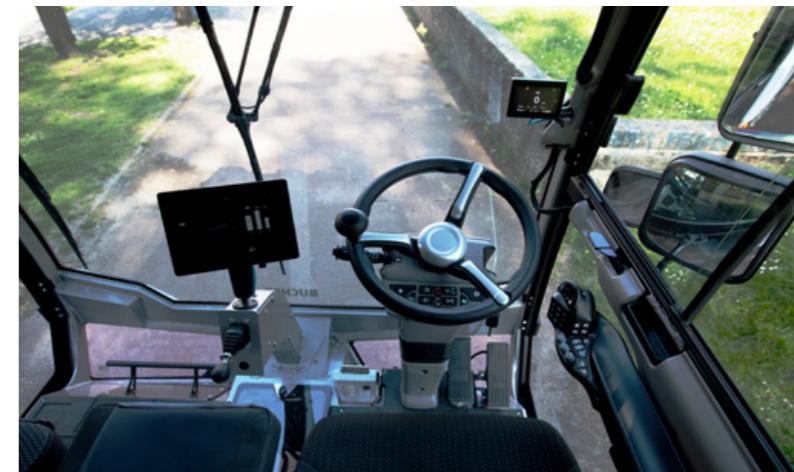
Height with boom	2780 mm
Max. pump flow rate	142 l/min
Max. pump pressure	100 bar
Water tank volume	5000 l
Working speed	0-20 km/h
Travelling speed	0-80 km/h*
Climbing ability	up to 21 %
Empty weight	5400 kg
Payload	5100 kg

#### CityCat WR50

Height with boom	2780 mm
Max. pump flow rate	142 l/min
Max. pump pressure	100 bar
Water tank volume	5000 l
Working speed	0-20 km/h
Travelling speed	0-80 km/h*
Climbing ability	up to 21 %
Empty weight	5400 kg
Payload	5100 kg

Height with boom	2780 mm
Max. pump flow rate	142 l/min
Max. pump pressure	100 bar
Water tank volume	5000 l
Working speed	0-20 km/h
Travelling speed	0-50 km/h*
Climbing ability	up to 21 %
Empty weight	5750 kg
Payload	4750 kg

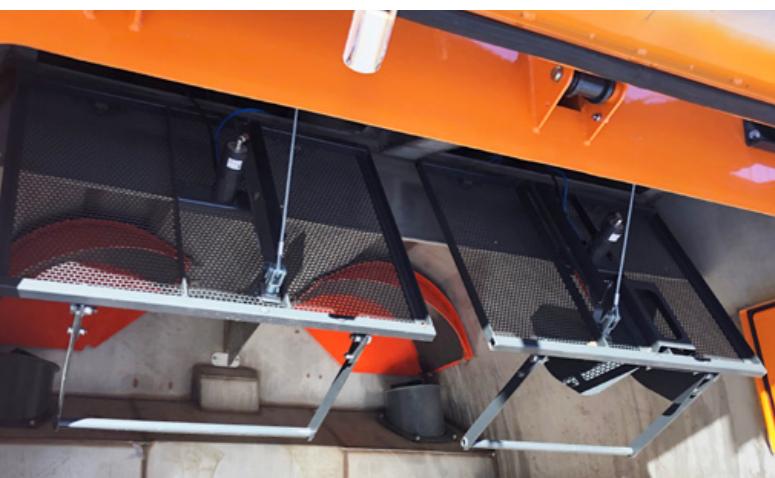
\* According to national legislation





## Technical specifications

	MaxPowa V50	MaxPowa V65	MaxPowa V65e
<b>Drive</b>			
Hopper capacity	5 m <sup>3</sup>		
GVM	9.5 - 12 tonne	13 - 18 tonne	16 tonne
Auxiliary engine	JCB 55 kW Stage V Option: JCB 85 kW Stage 3a	JCB 55 kW Stage V Option: JCB 85 kW 3a Option: JCB 97 kW Stage V	-
Alternative drives	PTO drive (V50m), Hydrostatic - HGB3 (V50h)	PTO drive (V65m), Hydrostatic - HGB3 (V65h)	100% Electric
Capacity of battery	-	-	200 kWh
Sweeping range	-	-	up to 8 h



## Bucher MaxPowa V50, V65 & V65e

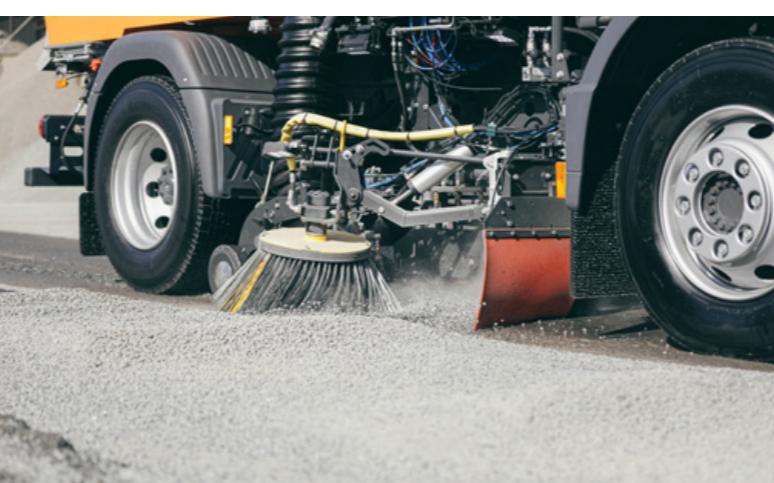
The Bucher MaxPowa V series has established itself as our most reliable and dependable truck mounted sweeper. Our latest sweepers have been developed to meet the requirements of our customers.

With tailored machines in your chosen field, Bucher Municipal offer a wide choice of products and options, which ensures maximum performance is always achieved.

The Bucher MaxPowa V50 and V65 truck mounted road sweepers have been developed to deliver high productivity, safety and operator experience ideally suited for municipal applications.

Productivity is driven by reliability and dependability through fewer breakdowns or service interventions. Combine this with great suction performance, quick engage options and an ease of onsite adjustments or consumable replacements and your time working increases.

The Bucher MaxPowa V series has been cleverly thought through with the operator in mind. Ease of use, great suction performance, minimal effort required to set-up, clean and operate, often makes the Bucher MaxPowa V series the operators' first choice sweeper.





## Bucher MaxPowa V80 & V120

The Bucher MaxPowa V80 and V120 have been designed to excel public works applications whilst maintaining exceptional quality, efficiency and performance.

With a large 12 m<sup>3</sup> hopper the MaxPowa V120 mounts on a three axle chassis. A standard water capacity of 5'200 litres means the need for frequent refills is reduced, maximising on-station time. With a generous payload of up to 10'000 kg the Bucher MaxPowa V120 more than meets the demands of a working day.

With the rear suction and Powawash options combined, the Bucher MaxPowa V80 and V120 both offers a complete cleaning solution for back to black results, often required in heavy duty applications.

Supplied as standard on the Bucher MaxPowa V80 and offered as an alternative engine option for the Bucher MaxPowa V120 the JCB 97 kW auxiliary engine offers

a max torque of 550 Nm at 1500 rpm for applications where higher suction is required over a standard power engine.

A high power 129 kW auxiliary engine is standard provision on the Bucher MaxPowa V120 and offers 690 Nm of torque for sustained performance.

A tri-plate fan design handles the enhanced power from the engine for optimised airflow, which together with an updated radiator position and Smoothflow air technology minimises losses in the system to provide outstanding suction performance.

The Broomvak sweep gear enables collection at high speed, but also collection at reduced fan power for less demanding applications.

### Technical specifications

	MaxPowa V80	MaxPowa V120
<b>Bucher</b>		
Length	4085 mm	5767 mm
Width*	2470 mm	2470 mm
Height*	3630 mm	3630 mm
Wheelbase*	3200 - 3400 mm nominal	3900 - 4600 mm nominal
Sweeping path of suction nozzle and channel brush	1300 mm	1300 mm
Sweeping path with roller brush	2400 mm	2400 mm
Sweeping path for double-sided pick up	3600 mm	3600 mm
Hopper capacity	8 m <sup>3</sup>	12 m <sup>3</sup>
GVM	18 tonne	26 tonne
Auxiliary engine	JCB 97 kW Stage V Option: JCB 5 kW Stage 3a Option: Cummins 101 kW China GB 4 Option: JCB 129 kW Stage V	JCB 129 kW Stage V Option: JCB 97 kW Stage V
Alternative Drives	PTO Drive (V80m) Hydrostatic - OMSI 600 (V80h)	Hydrostatic - OMSI 600 (V120h)
Water capacity	2255 l	5200 l

\* Depending on chassis and/or option selected



Supplied as standard on the Bucher MaxPowa V80 and offered as an alternative engine option for the Bucher MaxPowa V120 the JCB 97 kW auxiliary engine offers

Engineering excellence meets

# performance

For demanding jobs and the most challenging conditions, look for the *S Design* badge when choosing equipment. Designed to elevate performance to new heights, *S Design* redefines what is possible in the industry by delivering you unrivaled power and precision excellence.

From the sleek contours of compact and truck-mounted sweepers to the commanding presence of the sewer cleaning vehicles and winter equipment, *S Design* equipment exudes an aura of sophistication and power that commands attention. Beneath the surface lies the heart of a true powerhouse, meticulously engineered to deliver you unrivaled performance and reliability in any environment. This commitment to innovative technology ensures that every one of your arduous jobs is completed with effortless precision and efficiency.

Inside the cabin, you will find yourself immersed in a world of performance powered by advanced technology. Advanced systems for safety and efficiency, along with onboard intuitive touchscreens, enable seamless communication between the vehicle and the operator, allowing for real-time monitoring and optimisation of performance.

*S Design* is a statement of a true powerhouse and a badge of achievement for those who require nothing but the best. With its unmatched mix of power and precision, it stands as a symbol of an uncompromising pursuit of excellence.

#### Unique features of *S Design*

- Performance with unrivaled efficiency
- Maximise productivity and profitability
- Future-proof technology
- Exclusivity of *S Design*

*Signature Design* - A patented tri-plate fan design handles the enhanced power from the 129 kW engine for optimised airflow, which together with Coolflow and Smoothflow technology ensures outstanding suction performance. The new Bucher 'Signature Design' applies to all models using the high performance Tri-Plate fan where heavy duty applications and specialised solutions demand the peak power performance offered. Our *S Design* sweepers provide high performance sweeping, cleaning and high pressure washing capabilities for heavy duty applications.





## Bucher MaxPowa V95t aero

The Bucher MaxPowa V95t aero has become renowned as the industry leading high speed runway and multi-task airport sweeper capable of sweeping your airport hazard free.

Whether you are looking to keep your civilian airport runways, taxiways and aprons serviceable or need the highest performance of material pick up to remove foreign object debris on a military airfield the Bucher V95t aero is the machine to perform. From glycol recovery to high speed runway sweeping; all your airport cleaning tasks are covered.

The Bucher MaxPowa V95t aero airport sweeper has been developed to provide exceptional performance with the lowest environmental impact, combined with ease of use and low operational costs.

The Bucher MaxPowa V95t aero excels in each of these areas; high performance, high productivity, lower cost of ownership, environmental impact, safety and operator experience.

### Technical specifications

#### Dimensions

Length*	8300 mm
Width*	2500 mm
Height*	3300 mm
Weight (empty)*	14 400 kg

#### Chassis

GVW	18 tonne
Axle config	4x2

#### Sweep gear and sweep speed

Swept width (no side brushes)	2500 mm
Swept width (with side brushes)	3400 mm
Sweep speed (no side brushes)	40 km/h
Sweep speed (with side brushes)	15 km/h

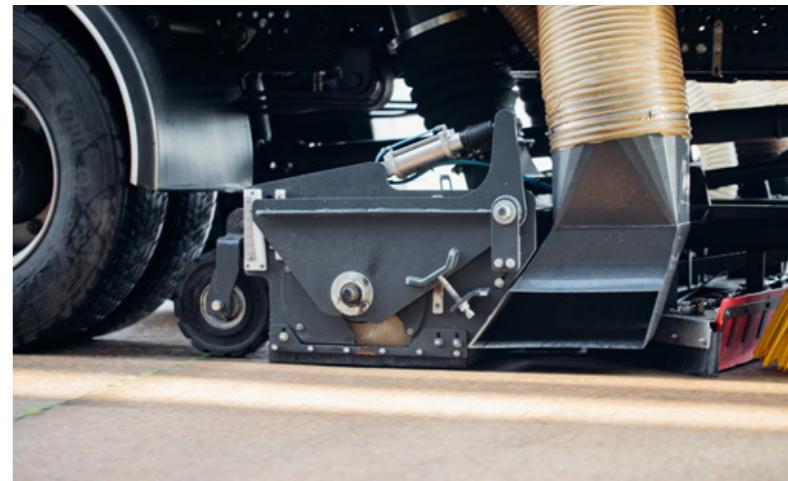
#### Diesel Fuel Tank

Capacity (shared sweeper & chassis)*	290 l
--------------------------------------	-------

#### Optional Auxiliary Engine

Mercedes Benz OM 936LA	Stage 5
Cylinders	6
Displacement	7700 cm <sup>3</sup>
Gross Power	210 kW @ 1950 rpm
Torque	1200 Nm @ 1200 rpm

\* Dependent on chassis and/or option selected





# Bucher Sewer and Drainage

Our sewer cleaning vehicles are agile, versatile, and powerful, built to efficiently solve most cleaning and clearing tasks for both inner cities and industrial clients. They are designed to optimize water and energy consumption, while applying the latest jetting techniques.

This is our portfolio:

- **Bucher CityFlex:** Compact vehicles built for tasks in narrow spaces and urban areas.
- **Bucher FlexLine®:** All round vehicles, designed for versatile usage.
- **Bucher CombiLine:** Medium combination vehicle designed for effectively cleaning sewers, gullies and drains.
- **Bucher Recycler®:** Fully automated recycling of water for jetting, reducing time, fuel, and water consumption.
- **Bucher Remote Reel:** A compact, all-terrain extension of a sewer cleaning vehicle for reaching difficult jobs.

## Our latest product launches

- **Bucher FlexLine® CM100e:** Electric and versatile combination unit with larger capacity for the demanding user.
- **Bucher CombiLine C80:** Medium combination vehicle for cleaning of smaller pipes and roadside gullies.
- **Bucher CityFlex CM40e:** Electric, zero emission technology. Complies with the standards for inner cities zones.

Read more on page 30/31

## Technical specifications

Bucher	CityFlex CM40	FlexLine® CM120	FlexLine® CM140 super
Gross volume	3.8 m <sup>3</sup>	13.7 m <sup>3</sup>	14.7 m <sup>3</sup>
Operating pressure	0.5 bar	0.5 bar	1 bar
Tank partition positions	Floating	3 lockable	3 lockable
Emptying mechanism	Movable partition	Movable partition	Movable partition
High-pressure pump	127 l/min @ 160 bar	333 l/min @ 170 bar	333 l/min @ 170 bar
High-pressure hose reel	¾" 150 m	¾" 150 m & ¾" 50 m + ½" 60 m	1" 200 m & ¾" 50 m + ½" 60 m
Vacuum pump	345 m <sup>3</sup> /h (5750 l/min)	1600 m <sup>3</sup> /h (26 666 l/min)	3100 m <sup>3</sup> /h (51 666 l/min)
Vacuum transport reel	3" 40 m	Cassette with 5" hose and 2 m extension	Cassette with 6" hose and 2 m extension
Vacuum system		CAN-BUS digital control panels	CAN-BUS digital control panels
Control system		CAN-BUS digital control panels	CAN-BUS digital control panels
Compressor	-	-	345 m <sup>3</sup> /h (5750 l/min)
Bucher	Recycler® RM120	Recycler® RM140	Recycler® RM140 super
Gross volume	13.7 m <sup>3</sup>	14.7 m <sup>3</sup>	14.7 m <sup>3</sup>
Operating pressure	1 bar	1 bar	1 bar
Tank partition positions	2 lockable	3 lockable	3 lockable
Emptying mechanism	Movable partition	Movable partition	Movable partition
High-pressure pump	392 l/min @ 145 bar	392 l/min @ 145 bar	482 l/min @ 150 bar
High-pressure hose reel	¾" 150 m & ¾" 50 m + ½" 60 m	¾" 150 m & ¾" 50 m + ½" 60 m	¾" 200 m & ¾" 50 m + ½" 60 m
Vacuum pump	1600 m <sup>3</sup> /h (26 666 l/min)	1600 m <sup>3</sup> /h (26 666 l/min)	3100 m <sup>3</sup> /h (51 666 l/min)
Vacuum system	Cassette with 5" hose and 2 m extension	Cassette with 5" hose and 2 m extension	Cassette with 6" hose and 2 m extension
Control system	CAN-BUS digital control panels	CAN-BUS digital control panels	CAN-BUS digital control panels
Compressor	-	-	345 m <sup>3</sup> /h (5750 l/min)
Recycling pump (standalone)	-	-	Approx. 750 l/min (set speed)

## Bucher

Hose reel operation	0-4 km/h (hydraulic) / Free run (manual)
Hose size	1" 200 m or ¾" 150 m
Horsepower	11.7 HP
Track crawler	Rubber, adjustable
Lights	2, work lamp and beacon



Bucher Remote Reel



## Bucher FlexLine® CM100e

Fully electric-driven sewer cleaning vehicle developed on a standard OEM chassis and designed to deliver unmatched performance, versatility, and a lower CO<sub>2</sub>.

With its powerful electric motor and high-performance battery, the Bucher FlexLine® CM100e can take on a wide range of cleaning jobs, from unblocking sewers to routine pipeline maintenance. Whether tackling light municipal work or heavy-duty industrial applications, the Bucher FlexLine® CM100e ensures optimal performance and efficiency.

Thanks to its advanced battery technology, it has proven to last an average working day on a single charge, ensuring that even the most demanding tasks can be done efficiently, reducing downtime, and increasing productivity.

### Zero emission news

We are extending our portfolio with more electric sewer cleaning vehicles for a full electric product range:

- **Bucher FlexLine® CM100e:** Our most popular unit, now available with electric drive. Developed on a standard OEM chassis so you can tackle large and demanding jobs without range anxiety. Other chassis also possible.
- **Bucher CombiLine C80e:** A medium volume combination vehicle featuring a larger vacuum pump, a hydraulic boom, and an electric drive. Other chassis also available. Coming soon.
- **Bucher CityFlex CM40e:** Introducing our new electric Zero emission technology. Complies with the new standards for inner cities zones.

## Bucher CityFlex CM40e

Powerful Bucher sewer cleaning vehicle with electric drive, developed on a standard OEM chassis.

The Bucher CityFlex CM40e is perfect for operations in cities – manoeuvrable, incredibly quiet, and free from exhaust emissions. It is a crucial step towards emission free trucks in urban zones and an improved environmental impact.

Building on the technology from the Bucher CityFlex and the exceptionally reliable battery solutions from OEM chassis, the Bucher CityFlex CM40e sets a new higher standard for zero-emission vehicles.

## Bucher CombiLine C80

The Bucher CombiLine C80 is a medium-volume combination sewer cleaning vehicle that sets a new benchmark for performance, practicality, and affordability.

Built to deliver efficient and versatile cleaning for municipalities and businesses, the Bucher CombiLine C80 can also be used as a reliable gully cleaner. Its reliable suction and jetting capabilities, combined with

the hydraulic mid-inlet boom, make it an easy choice for municipalities looking to streamline gully maintenance.

Ease of use is a core principle of the Bucher CombiLine C80. Designed with operators in mind, it features intuitive controls and a straightforward interface that minimize the need for extensive training.

### Technical specifications

Bucher	FlexLine® CM100e	CityFlex CM40e	CombiLine C80*
Gross volume	12.3 m <sup>3</sup>	3.8 m <sup>3</sup>	8 m <sup>3</sup>
Operating pressure	1 bar	0.5 bar	0.5 bar
Tank partition positions	3 lockable	-	1, fixed
Emptying mechanism	Movable partition	Movable partition	Tipping tank
High-pressure pump	183 l/min @ 200 bar	127 l/min @ 160 bar	125 l/min @ 160 bar
High-pressure hose reel	¾" 150 m (primary) ½" 80 m (secondary)	¾" 150 m (primary)	¾" 100 m (primary) ½" 80 m (secondary)
Vacuum pump	1850 m <sup>3</sup> /h (30 800 l/min)	345 m <sup>3</sup> /h (5750 l/min)	1280 m <sup>3</sup> /h (21 350 l/min)
Vacuum transport reel	3" 60 m	3" 40 m	-
Vacuum system	Cassette with 4" hose and 2 m extension	Cassette with 3" hose and 2 m extension	Hydraulic boom with 4" hose and 300° rotation
Control system	CAN-BUS	CAN-BUS - Digital and push button control panels	CAN-BUS - Digital and push button control panels
Battery (capacity)	3 digital control panels	265 kW	-
On-board charger	540 kW	43 kW, CCS2 socket	22 kW, CCS2 socket

\* Available also as CombiLine C80 gully (UK market only)



# Bucher Winter maintenance

Bucher Municipal's range of high-quality snow ploughs, spreaders, snow blowers, and airport equipment provides municipalities, contractors, and airports worldwide with solutions for all areas of winter maintenance. Bucher Municipal provides customer-oriented solutions for efficient and environmentally friendly winter service.

## Snow ploughs & Snow brushes

We provide one-sector and multi-sector snow ploughs, telescopic ploughs, wedge-vario ploughs and triaxial ploughs as well as front sweep rollers for winter and summer service works. No matter the application, we have the right solution.

## Snow blowers

We offer high-performance dual-stage snow blowers for clearing large quantities of snow, with an optional mechanical or hydraulic drive.

## Automatic spreaders & brine spreaders / sprayers

Our portfolio includes high-quality and customised automatic spreaders and brine sprayers for all applications. The dry and wet salt spreaders, both available as screw or chain conveyor systems, are complemented by pure brine spreaders and sprayers.

In the case of the brine spreaders, the brine is applied via various innovative spreading systems, while in the case of the sprayers, the brine is applied via the familiar nozzle system.

Modular tank systems for larger vehicles and individually welded polyethylene tanks for small and medium-sized vehicle series round off the portfolio.

## Highlights

### ECO pre-wetted salt technology

Bucher's new ECO pre-wetted salt technology creates significant advantages in terms of economic efficiency by saving dry salt and significantly increasing the laydown time of the spread material. The spreading results are consistently accurate.

### Bucher Electric Spreaders

Our Bucher electric spreaders are the first heavy-duty spreaders 100 % electrically powered. A highly efficient 48-volt electric system consisting of a lithium battery and brushless electric motors replaces the conventional hydraulic systems. Our spreaders are available both with chain and auger conveyor system.

### Bucher VarioMax

The Bucher VarioMax inner tank enables a quick change from curative to preventive de-icing. An FS 30 or combination spreader can be quickly and easily converted to a pure FS 100 spreader using this HD polyethylene tank.

Thanks to the unique design, the brine volume can be optimally adapted to customer requirements. This system can also be used for summer services such as watering, fine dust binding or washing with a hand lance. As an option, it is possible to install a removable spreader unit and replace it with a hose reel.

### Bucher Wingx

The innovative triaxial snow plough is perfect for clearing snow from squares and parking lots. Multiple sizes and scraping edge available, allowing it to operate in any area and on any surface. Now removing, moving and piling snow will be even easier thanks to the versatility of Bucher Wingx. The wide rotation of the wings in conjunction with the rotation of the central sector make this snow plough perfect even for working in narrow, hard-to-treat roads.

The high-strength steel structure, the polyethylene shield and the innovative paint coating make this product robust, reliable, and corrosion-resistant.



A white BUCHER MixSpray truck, a specialized municipal cleaning vehicle. The truck features a white cab and a white body with a large white tank. On the front left, there is a red and white hazard sign with a blue circle containing a white arrow pointing left. The word 'BUCHER' is printed on the front left of the body and on the side of the tank. The truck has a high roof cab and a large white tank on the back. The front of the truck has a white bumper and a red and white hazard sign. The truck is shown from a side-on perspective, highlighting its industrial design and cleaning equipment.

# Bucher MixSpray

The slaked lime sprayer MixSpray MS10 has been designed to mix and spray on demand the calcium hydroxide during asphalt laying operations. The slaked lime is increasingly being used in asphalt laying on tack coat to avoid the tack coat-tire adhesion thanks to its anti-adhesive properties.

The machine using valves and pumps dilutes the milk of lime with water contained in the polyethylene tank, and then sprays the solution directly onto the asphalt through nozzles.

Bucher MixSpray and its technology offers several advantages over the use of other materials. The most important is the fact that no dust is raised on the site but only a liquid product is used, safeguarding the operators and the environment.

The Bucher MixSpray is used to prevent that tack coat is torn off by tires of vehicles operating in the construction site, with a considerable saving of materials, increasing efficiency and reducing cleaning costs of the roads in the neighborhoods, decreasing the environmental impact on construction sites, particularly in urban areas.

The Bucher MixSpray has an automatic washing system to remove the lime particles from all the mechanical parts, for example pumps, valves and nozzles.

During the washing cycle, pressured water is pushed into pipes and all mechanical parts that were in contact with lime.

# Bucher Cosmix

Regardless of the application, the Bucher Cosmix's unrivaled technology is what makes this mobile concrete mixer so universal. It can be fitted onto a truck chassis, semi-trailer, railway flat car or with a hook-lift system. Unlimited by distance and time your product is mixed when it gets to your job-site.

This is a world of flexibility and zero waste, you are free to pour any amount up to 50 m<sup>3</sup> per hour from the same load. Solid materials are loaded into a specially manufactured hopper, with two lateral water tanks with 2400 l capacity for production and cleaning. On site, the operator only needs to choose the rate of production and quality required.

Thanks to its software system, the Bucher Cosmix's variable speed conveyor and automated flow control gates will ensure the correct amount of sand and stone

is delivered to the mix. Finally, the aggregates will be joined by the required cement, chemical, fibre or powder additives in the high-speed mixing auger to create your specific mix.

The 2500 mm mixing auger has been designed to ensure a high mixing capacity without compromising the maximum flow rate and homogeneity. The auger is divided into small sections to enable the material to be correctly mixed. When replacing parts, you only need to replace wear parts and not the whole auger assembly.

The aggregate hopper stores the premixed sand, gravel, stone or other aggregates. It is split into two hoppers totalling 9 m<sup>3</sup>. The hopper is made of high quality steel. This ensures it is sturdy and waterproof, and prevents the materials from sticking or leaving residue.



# Genuine **Bucher Spare parts**



## Reliable stock levels

We understand the critical importance of having the right components at the right time. Order from us for quick delivery from reliable stock, and minimize your fleet downtime.



## Environmental responsibility

Encourage environmental responsibility by choosing authenticity for a more sustainable approach to equipment maintenance.



## Guaranteed quality

Original spare parts from Bucher Municipal ensure that quality is maintained throughout your fleet, with no weak spots or risk to performance.



## One original supplier

Your machine warranty will remain valid - spare parts from Bucher Municipal are precision-engineered to fit perfectly, eliminating the risk of compatibility issues.



## Genuine spare parts E-Shop

Visit our online store which ensures 24/7 service, including your order history and favourites.



## Minimise your fleet downtime

Precisely engineered genuine spare parts will match specific machine requirements, facilitating quick and efficient replacements. That will help minimizing the time needed for repairs.



## Optimise performance

Genuine Bucher spare parts are designed and built with precision, to function perfectly in our vehicles and equipment. They are engineered specifically as part of our industry-leading products and are the best way to guarantee your vehicle continues to perform at the level you have come to expect from Bucher Municipal.



## Maintain vehicle resale value

Using genuine Bucher parts in the repair and maintenance of your fleet will help maintain resale value. Our high-quality parts are designed specifically with our vehicles in mind and will guarantee optimal functioning.



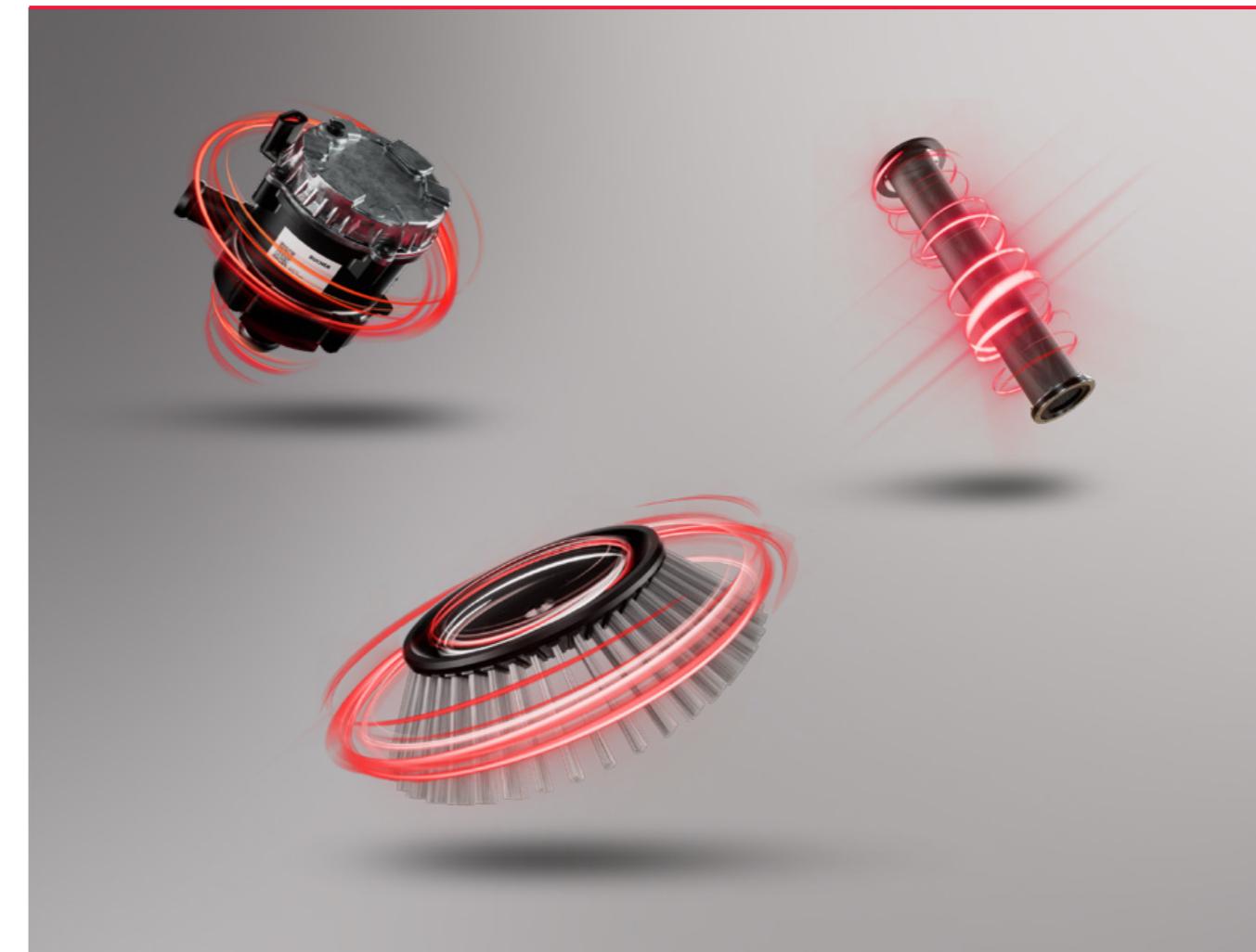
## Reduce vehicle downtime

Not only will replacement parts from Bucher Municipal last longer than aftermarket alternatives, which could even pose risk of extra wear and tear, they will also save you money in the long run, with a reduced need for replacement and less downtime.



## Guaranteed quality

Bucher genuine parts are designed and manufactured to the same high standards as the parts that came with your vehicle. Why risk an inferior aftermarket alternative, when you can guarantee the same quality you purchased in the first place?



# Bucher Municipal locations



Bucher Municipal AG  
Niederweningen, Switzerland



Bucher Municipal SIA  
Ventspils, Latvia



Bucher Municipal LLC  
Kaluga, Russia



Bucher Municipal GmbH  
Hanover, Germany



Bucher Municipal Ltd  
Dorking, United Kingdom



Bucher Municipal A/S  
Silkeborg, Denmark



Bucher Municipal Coudes Sarl  
Coudes, France



Bucher Municipal SAS  
Senlis, France



Bucher Municipal S.p.A.  
Revello, Italy



Bucher Municipal Wernberg GmbH  
Wernberg-Köblitz, Germany



Bucher Iberica SLU  
Fuenlabrada, Spain



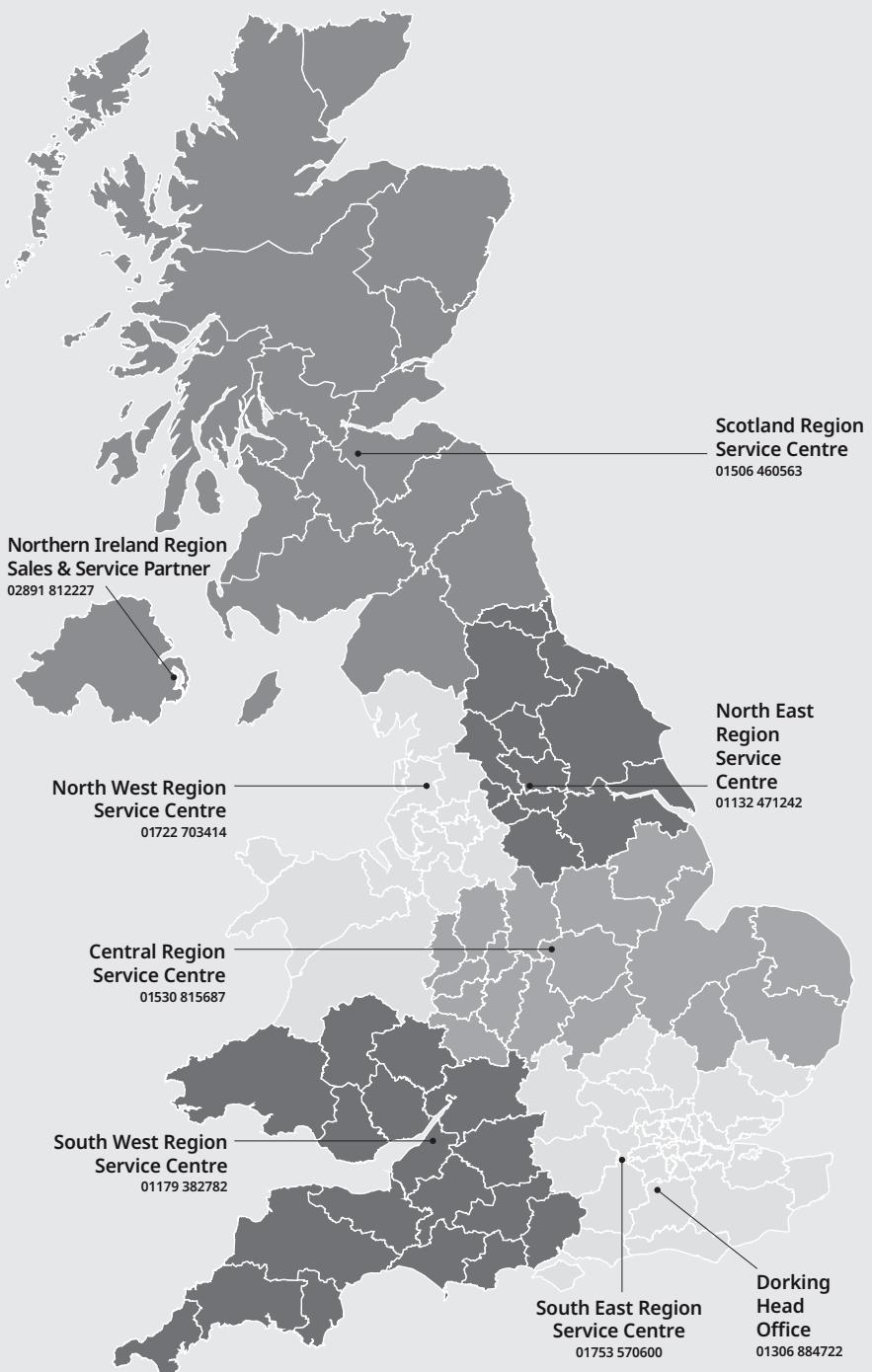
Bucher Municipal North America Inc.  
Mooresville, USA

## Bucher Municipal



For local contact and support, please scan the QR code or visit [buchermunicipal.com](http://buchermunicipal.com)

At Bucher Municipal, we innovate and engineer better cleaning and clearing solutions, helping our customers grow and maintain efficient and profitable businesses. Leveraging the over 200-year-old heritage of Bucher, we are committed to helping you achieve more using less. Taking pride in being seen as a reliable partner, we work locally with you in realising the possibilities for a smarter, cleaner and more efficient tomorrow. Today.



**Driven by better**



Bucher  
Municipal  
E-Shop