

eCityJet 3030

Street washer

The eCityJet 3030 is a street washer based on the proven eSwingo 200+ series. Street washers are an interesting alternative to sweepers in hot, dry and very dusty conditions. With its all-electric drive and compact design the eCityJet 3030 cleans inner-city areas emission-free and is used especially in confined spaces, narrow streets, pedestrian zones or pavements.

Highlights

- **Sustainable and responsible technology:** 100% electric, 0% carbon dioxide emissions, low noise emission
- **Powerful battery system:** The capacity of 75 kWh allows a working time of up to 10 hours; full recharging is possible in just four hours with the on-board charger
- **Productive water system:** Water volume up to 1500l, high performance water pump with up to 70 l/min and up to 60 bar and highly efficient and thorough cleaning thanks to high-pressure wash bars

Your benefits

- **High performance**: Effective washing performance against large quantities of stubborn dirt - no compromises compared to the model with diesel engine.
- **Battery Life Cycle Management:** Battery service and diagnosis are carried out by Aebi Schmidt, as well as free take-back and recycling.
- **Extremely quiet driving and working:** The machine can also be used for work assignments at night or in the early morning hours.
- **Effectiveness**: Easy and quick dust-binding in particularly dry climates.
- **Unsurpassed comfort**: A spacious cab, excellent visibility, ergonomic controls, adjustable steering column and a sprung driver's seat with individual adjustment options.

Performance features

Electric drive

The eCityJet 3030 is characterised by a fully electric drive. The heart of the drive is a **high voltage, 75 kWh. battery** which consists of two individual battery packs. A battery management system (BMS) continuously monitors and controls the battery, which consists of high-quality components, the charging and discharging processes and the temperature, thus contributing to a long service life and the greatest possible safety. The powerful batteries allow **operating times of up to 10 hours without recharging**.
An **integrated on-board quick charger ensures complete recharging in just four hours**.
The drives of all main functions - traction drive, blower drive, hydraulic pump drive and air conditioning of the driver's cab - have been electrified. The electric drive offers higher efficiency, optimum power characteristics and high performance with low maintenance requirements.
Only an electric motor, which is directly connected to the rear axle, is used for the drive and gives **speeds of up to 40 km/h**, while the noise level is many times lower than that of a diesel vehicle. An **electric parking brake system with hill start assistance** guarantees safe and comfortable driving.

Washing technology

The eCityJet 3030 cleans surfaces with water and high pressure, removing even stubborn dirt. In particularly dry climates, the eCityJet 3030 also **ensures that dust is quickly and easily removed**. At the same time, the cleaning water rinses the sewerage system, which prevents standing waste water and associated odours.

- **Water pump:** The eCityJet 3030 is available with a **high performance water pump with up to 70 litres/min and up to 60 bar**. This is driven by an efficient electric motor with almost infinitely variable water flow control from the cabin.

- **Water tank:** The **water volume** of the eCityJet 3030 is **up to 1500 l**, depending on the equipment variant. The modular water tank system, consisting of UV-resistant and impact-resistant polyethylene plastic tanks, is equipped with baffles as standard. Filling is via a C-connection with water suction filter and free flow section. The water tank system can be tilted backwards for optimum accessibility during maintenance.

Spray bar

Cleaning is very efficient thanks to the **flexibly-controlled high-pressure wash bar with 30° swivel angle**. The driver can control the washing beam individually and intuitively from the cab. Height adjustment and swivelling are hydraulic. A reduction of the spray mist is guaranteed by the spray guard fitted as standard. A **telescopic wash bar is available as an option**, which significantly increases the area output. The lateral telescope on the right and left is 500mm each. In addition, the washing beam can be equipped with side, flat spray nozzles on the right and left, which guarantees greater flexible use.

Ergonomics and comfort

The spacious cabin is equipped with **high quality noise and vibration insulation (72 dB(A))**. The front windscreen, which extends down to the ground, provides an optimum view of the wash beam. The **excellent all-round visibility** contributes to a pleasant working environment and safe operation in traffic.
The standard, powerful air conditioning system creates a pleasant and cool working temperature even when hot outside. Fresh air is sucked in and filtered at the rear of the cab via a dual-purpose pollen filter.



All functions of the washing unit are controlled via the door control panel with various joysticks and push buttons. The most important information is visible at a glance on the colour display in the roof console. In addition, a mechanic can make machine-specific settings in the display. With the aid of the onboard diagnosis system, any faults can be localised quickly and efficiently.
Smooth steering via the adjustable steering column, cruise control, minimal pedal forces, a comfort driver's seat plus operating and control instruments in an optimum grip area create a modern, ergonomic workplace.



Modern vehicle technology

The **hot-dip galvanising** of the entire vehicle frame and important steel components provides **high-quality corrosion protection**. The mechanical suspension package, perfectly matched to the machine, ensures safe and comfortable car-like driving with reduced maintenance.
The **switchable all-wheel steering** which is monitored by means of steering angle sensors, makes tight turning manoeuvres possible and is user-friendly and safe. A hydraulic dual-circuit brake system with disc brakes front and rear is fitted as standard.

Wide range of options

- Telescopic wash bar
- Side nozzles
- High-pressure hand lance with automatic hose reel with 18 metre hose
- 360° swivelling roof boom with hose reel with 20 metre hose
- Cleaning agent dosing unit
- High pressure hose reel in the rear of the vehicle with a working pressure of up to 110 bar at 15 l/min

Gallery





Related products

CityJet 3030
Street washer



CityJet 6000
Street washer



Technical data

Water system	
Fresh water volume	1,500 l
Water pump	60 bar @ 70 l/min
Cleaning width	1,500 - 3,500 mm
Battery	
Total capacity	75 kWh / 400 V
Safety	Flame resistant / explosion proof
Operating time without re-charging	10 h
Charging time approx.	4 h
Electric motors	
Power traction drive (rear axle)	38 - 90 kW
Steering	
Steering angle front axle	48°
Steering angle front axle all-wheel steering	42°
Steering angle rear axle	24°
Ø Turning circle kerb/kerb	4,950 mm
Tires	
Standard front tire size	225/70 R15
Standard rear tire size	225/70 R15
Speed	
Transport speed max.	40 km/h
Working speed	12 km/h
Dimensions	
Length with washing bar	5,000 mm
Width with washing bar	1,350 mm
Height (without beacon)	2,030 mm
Height with roof mounted beam	2,340 mm
Wheelbase	1,900 mm
Track width	1,073 mm
Weights	
Empty weight of the basic machine approx.	3,500 kg
Permissible total weight	5,000 kg

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