

CityJet 6000

Street washer



The powerful CityJet 6000 is an ideal choice for the efficient cleaning of urban areas where dirt is particularly stubborn, and provides an interesting alternative under hot, dry and very dusty conditions.

Highlights

- Efficient and thorough cleaning thanks to **high-pressure wash bars**
- Clean carrier vehicle with environmentally-friendly **Euro 6c diesel engine**
- **Hydrostatic drive**

Your benefits

- **High performance:** Effective washing performance even with large quantities of stubborn dirt.
- **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. AGR („Campaign for healthier backs“) tested and recommended.

Performance features

Washing technology

The CityJet 6000 cleans surfaces with water and high pressure, removing even stubborn dirt. In particularly dry climates, the CityJet 6000 also ensures that dust is quickly and easily removed with a flushing width that ranges from 1800 to 3100 mm.

Water pump

The CityJet 6000 has a hydraulically driven water pump that operates at up to 110 bar and up to 170 litres/min. A second high-pressure pump with a delivery rate of up to 31 litres/min and up to 270 bar, for operating a 15-metre hose reel with a dirt cutting lance, is available as an option at the rear of the vehicle.

Water tank

The CityJet 6000 is equipped with a plastic fresh water tank with a capacity of 6,300 litres, which allows up to 40 minutes of uninterrupted operation. The water tank system can be tilted back for easy access for maintenance.

Spray bar

Cleaning is very efficient thanks to the flexibly controllable high-pressure wash bar with a cleaning width of 1,800 - 3,100 mm. The hydraulically operated wash bar can be controlled individually and intuitively from the cab.

Likewise, the cleaning of tricky areas, such as paths with benches, lanterns or boundary posts, is no problem as the spray bar can be swivelled by 15 degrees left and right. In order to clean the most stubborn dirt, the angle of the spray nozzles can also be adjusted, or an extra integrated high-pressure cleaner can be used.

Ergonomics & Comfort

When designing the cabin, the focus was on ease of operation and ergonomics. Best visibility is achieved through a spacious cab with windscreen that extends to the cab floor, while two large side mirrors provide a perfect view of the working area and surroundings. The cab is equipped with high-quality noise and vibration insulation. At only 66 dB(A), the driver can concentrate better and perform tasks quickly and safely.

All control and operating elements are arranged around the comfort driver's seat with AGR certificate („Campaign for healthier backs ") and are within easy reach. A powerful heating and air conditioning system ensures the best possible indoor temperature while working. A narrow and multi-adjustable steering column is equipped with all traffic and safety-related functions and controls. The ergonomically-designed transition between accelerator and brake pedals, low pedal forces and cruise control make the driver's work easier.

The watering unit is controlled via the door control panel with joysticks and push buttons. The most important information is visible at first glance on the colour display in the roof console. For example, travel speed, fill levels, temperatures, engine speed and working conditions are readily displayed. A mechanic can make machine-specific settings via the display. Any malfunctions can be localised quickly and efficiently with the aid of the onboard diagnosis system.

Modern vehicle technology

The frame of the CityJet 6000 is made of high-strength steel and is primed and painted in high-quality processes. This forms an effective corrosion protection and guarantees sustainable use in all weather conditions. Due to its ladder frame construction, the CityJet 6000 is light, yet robust and reliable. C-profiles ensure maximum stability and torsional rigidity.

The hydraulic tank is made of robust steel, while the water tanks are constructed of sturdy, impact-resistant plastic. The suspension package with leaf springs and hydraulic shock absorbers at the front and rear, tailored to the machine, ensures safe and comfortable driving. Large 17.5" wheels with high load capacity ensure increased safety when driving even in bad road and weather conditions.

A large steering angle of 68°, combined with the short wheelbase of 1,850 mm, allows optimum manoeuvrability and an extremely tight turning circle. The hydraulic dual-circuit brake system with disc brakes at the front and drum brakes at the rear, as well as the optional automatic load-dependent brake valve on the rear axle, provides outstanding vehicle control.

Drive

The CityJet 6000 features an efficient and powerful Euro 6c diesel engine with one of the most advanced exhaust aftertreatment systems available on the market, including a diesel oxidation catalyst, closed particle filter system, AdBlue injection and SCR catalyst.

The engine, including AdBlue tank, is perfectly integrated into the chassis, so the CityJet 6000 maintains optimum manoeuvrability.

The smooth and powerful six-cylinder engine, combined with the newly designed hydrostatic drive with Eco-Drive, ensures comfortable and economical driving during transport trips of up to 40k/m (25mph) and saves up to 20% fuel.

Wide range of options

- Rear view camera
- Telescopic wash bar
- Side splash nozzles mounted on spray bar
- Side splash nozzles mounted under the cab with hydraulic height adjustment
- Hose reel with 15m high pressure hose and lance
- Roof boom with high pressure hose
- High-pressure piston pump with up to 31 litres/min at up to 270 bar including dirt cutting lance

Related product

CityJet 3030

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Keywords

#Counties, Cities & Municipalities #Contractors #Industry, Construction & Facility Management #Cleaning & Washing #Innercity Roads #Industrial & Port Areas #Airport Landside #Airport Airside

Technical data

Water system

Fresh water volume	6,300 l
Water pump	110 bar @ 170 l/min

Drive system auxiliary engine

Engine type	VM R756
Number of cylinders	6
Exhaust emission	Euro 6c
After treatment system	AdBlue + SCR-Kat
Fuel	Diesel
Displacement	4,455 cm ³
Performance	120 kW (163 PS) @ 2,300 1/min
Torque	500 Nm @ 1,400 1/min
Fuel tank	110 l
AdBlue tank	14 l

Steering

Steering angle front axle	68°
Turning circle diameter kerb to kerb	5,950 mm
Turning circle diameter wall to wall	7,250 mm

Tires

Standard front tire size	215/75 R17.5
Standard rear tire size	215/75 R17.5

Speed

Transport speed max.	0 - 12 km/h
Working speed	0 - 40 km/h

Dimensions

Length with washing bar	4,470 mm
Width with washing bar	1,810 mm
Height with beacon	2,780 mm
Height with roof mounted beam	2,930 mm

Weights

Permissible total weight	11,500 kg
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