

# R.



Max 350 mm



As from 690 kgs



600 litres

STAGE V

## HIGH PRESSURE CLEANING

# eCITYJET

## THE FUTURE OF SEWER CLEANING BEGINS TODAY

Take a look at the world's first fully electric high pressure sewer cleaning machine for pipes with a diameter of up to 350 mm. The eCityJet has all the features of the conventional CityJet and meets all current and future environmental standards.

### ZERO EMISSION

The fully electric CityJet uses state-of-the-art technology, and features a strong electric motor powered by an extremely efficient battery pack. This means the machine produces zero emission, which makes the eCityJet ideally suited for use in city centres where strict emission requirements apply and in areas that are completely or partially enclosed. The eCityJet has all the features of a conventional diesel-driven machine and is hardly heavier. The empty machine weighs approximately 690 kg. The machine is also barely larger than a diesel-powered CityJet, making it suitable for most vans (such as a Mercedes Vito or Sprinter or a Ford Transit).

### PERFORMANCE

The performance of the eCityJet is in no way inferior to that of diesel-driven machines. The machine is ideally suited for unblocking pipes up to 350 mm. With fully charged batteries, and an average working day, you can work with the eCityJet a full day without charging in between jobs.

### BATTERY PACK

The eCityJet is equipped with six 5 kWh batteries. The batteries are charged using regular mains power from an ordinary wall socket. The charging time for six batteries is approximately eight hours. You can even top up the charge during the day for longer flushing.

### COMPLETE

The eCityJet is supplied with eControl+ operating panel. Winding in and out is done electrically. No hydraulic fluid is used, which reduces environmental impact. The machine is supplied as standard with two 300-litre water tanks, a 135° pivoting reel with mechanical freewheel, 80-metre MaxFlow HP hoses and a filling reel with 50 metres of NW 19 hose.



Dutch company Van der Velden has tested the eCityJet:  
"We have extensively tested the electric CityJet in the centre of Amsterdam and were able to work with the machine for two days without having to recharge the batteries in between."



- Zero emission
- Ideal for work in ultra-low emission zones and indoor use
- Powered by an extremely efficient battery pack

#### CLEAN & GREEN SOLUTION

With the eCityJet you are ready for the future. In the coming years there will be more and more emphasis on limiting NO<sub>x</sub>, particulate and CO<sub>2</sub> emissions. The eCityJet already gives you a considerable advantage when it comes to customers who prefer to work in an environmentally friendly way. An additional advantage is that the machine is also considerably quieter than one with a diesel engine, which is an important factor when working at night, for example. The machines are easy to maintain, which in the long run will certainly result in considerable savings. Making the switch now will allow you to stand out in the market.



TECHNICAL SPECIFICATIONS	
Operating range	Up to 350 mm diameter
Motor	Electric motor
Battery pack	30 kWh battery pack
Pump Rioned/Speck	160 bar / 75 lpm    2300 psi / 17 gpm 200 bar / 60 lpm    3000 psi / 13 gpm 300 bar / 37 lpm    4350 psi / 9 gpm
Pump protection	Run dry protection with overrun possibility
Pressure regulation	Type Speck with automatic bypass function
Water tank	600 litres (2x 300 litres)
Filling reel	50 metres NW 19
Permanently attached filling hose	Permanent attached filling hose with hydrant connection for quick filling of the tank
HP hose	80 metres NW 13 (1/2") or NW 16 (5/8") hose
HP reel	180° swiveling, electrically controlled and equipped with RioFree freewheel
Weight	690 kgs
Dimensions (lwxhxh)	1615 x 1240 x 1195 mm
Accessories	Spray gun with lance
Nozzles	2x 1/2" (1 open, 1 blind)
Color	Blue/black
OPTIONS	
Remote control	RioMote 7 channel radio remote control (engine start/stop, gas regulation, pump on/off, emergency stop)
RioPulse Pulsator	Pump adjustment to send water in pulses through the hose
Anti-freeze tank	30 litres anti-freeze tank mounted to protect HP circuit. Drain valve mounted on heat exchanger
Extra hose length	Extra hose lengths available
Ventury tank filling system	Suction device to fill up the tank with water from natural sources
2nd high pressure hose reel	Filling reel converted to a second HP hose reel for work with small diameter hose
Electric water level control	Automatic system to open and close the filling line of your machine if the water has reached its minimum or maximum level in the tank
RioMeter hose counter	RioMeter hose length counter to display the length of the hose that is feeded in the drain
RioMote hose reel operation	Coiling on- and off via the radio remote control