



Max 350 mm



As from 550 kgs



600 litres

## HIGH PRESSURE JETTING MACHINES

# eCITYJET

## THE FUTURE OF SEWER CLEANING BEGINS TODAY

Rioned introduces the first fully electric 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 emissions, 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. Depending on the selected battery configuration, the empty machine weighs approximately 600 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. With a maximum working pressure of 200 bar and a water flow of 60 lpm, the machine is ideally suited for unblocking pipes up to 350 mm. With fully charged batteries, it can handle 6 to unblocking operations.

### BATTERY PACK

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

### COMPLETE

The eCityJet comes as a complete system, with Riomote remote control, pulsator and 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 NW19 hose.



- Zero emission
- Up to 1 hour of jetting time
- Ideal for work in ultra low emission zones

With the eCityJet you are ready for the future. In the coming years there will be more and more emphasis on limiting NOx, particulate and CO2 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 ranges	Up to 350 mm diameter
Motor	Electric motor
Battery pack	15 kWh or 30 kWh battery pack
Pump Rioned/Spec	200 bar / 60 lpm 3000 psi 13 gpm 160 bar / 75 lpm 2400 psi / 17 gpm
Pump protection	Dry running protection with bypass
Pressure regulation	Type Spec with automatic bypass function
Water tank	600 litres (2x 300 litres)
Filling reel	50 metres NW19
Permanently attached filling hose	Permanent attached filling hose with hydrant connection for quick filling of the tank
HP hose	60 metres NW 13 (1/2") or 80 metres NW 16
HP reel	180° swiveling, electrically controlled and equipped with RioFree freewheel
Weight	550 kgs / 640 kgs
Dimensions (lxwxh)	1615 x 1240 x 1195 mm
Accessories	Spray gun with lance 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

