



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 drunning 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 (lwxhxh) | 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 |

