

THE WORLD'S FIRST FULLY ELECTRIC SEWER CLEANING MACHINE



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 eCityJet 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 weighs almost the same.

The empty machine weighs approximately 690 kg. The machine is slightly larger than a diesel-powered CityJet, making it suitable for most vans.

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, up to 120-metre MaxFlow HP hoses and a filling reel with 50 metres of W 19 hose.

GO 100% GREEN!

THIS UNIT IS PERFECTLY SUITED FOR THE EC11 ECARGO VAN WHICH IS ALSO 100% ELECTRIC - COMING TO AUSTRALIA IN SEPTEMBER 2021!



- ✔ For pipes of up to 350mm
- ✔ Completely zero emission
- ✔ Low maintenance resulting in considerable savings
- ✔ Regular mains chargeable with a battery life of 8 hours
- ✔ Lightweight & compact suitable for most vehicles.
- ✔ The empty machine weighs approximately 690kg
- ✔ Quieter than diesel operated machines which makes it ideal for indoor or night use

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 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 range	Up to 350 mm diameter
Motor	Electric motor
Battery pack	30 kWh battery pack
Pump Rioned/Speck	160 bar / 75 lpm 200 bar / 60 lpm
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	120 metres NW 13 (1/2") or NW 16 (5/8") hose
HP reel	180° swiveling, electrically controlled and equipped with RioFree free-wheel
Weight	690 kgs
Dimensions (l x w x h)	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