



Max 450 mm



As from 530 kgs



600 litres

HIGH PRESSURE JETTING MACHINES

CITYJET

EXCEEDING ALL YOUR EXPECTATIONS IN DESIGN, PERFORMANCE, USER FRIENDLINESS AND RELIABILITY

The Rioned CityJet sets the standard in design, performance and reliability. It is the most compact machine in its class and thousands of users worldwide rely on their CityJet day-in day-out. The all new CityJet hosts a range of innovative new features to enhance the machine functionality while offering superior ergonomics.

The compact design and low weight maximizes the carrying capacity of the vehicle.

MORE EFFECTIVE

The high pressure hose reel now pivots through 180 degrees for optimum working conditions in all circumstances. The new hose reel has been widened to accommodate up to 140 metres of 1/2" high pressure hose or 120 metres of 5/8" hose. And the new electric locking mechanism on the hose reel is a major improvement in user friendliness and safety.

The RioFree freewheel system ensures that the hose reel can be coiled off without any friction of the hydraulics, this feature significantly reduces the effort required to operate the hose reel. The new high pressure jetting hose fitted to the CityJet is not only the lightest hose in its class. It also ensures minimum pressure loss thanks to the smooth inner surface and widened inner core. This also results in an increase of 12% effective working pressure at the nozzle.

USER FRIENDLY

The CityJet fits most popular vehicles such as the Mercedes-Benz Vito, Volkswagen Crafter and Ford Transit. The modern, newly designed covers protect the user from rotating parts and reduce the noise levels of the machine to a minimum. The covers are easily removed for quick access to the engine and pump when servicing is required. With an easy fill fuel tank and special forklift lifting provision the new CityJet is extremely user friendly.

DRIVES

The CityJet can be supplied with petrol, diesel or even an electric engine. A PTO (Power Take Off) version is also available. All systems host a range of innovative features to maximize performance and user friendliness. The CityJet Petrol e.g. has a patent pending system to cool the exhaust of the machine.

ECO PACKAGE OPTION

The eco package helps you to save water and fuel. The start/stop system shuts off the engine automatically when the pump is off. The built up pulsator significantly reduces the consumption of water by sending pulses through the hose. Insulated machine covers and a special stainless steel exhaust system reduce noise levels to the absolute minimum.



- 180° pivoting hose reel
- eControl+ control panel
- High performance
- Light-weight
- Large capacity hose reel for up to 140 metres hp hose
- Electric hose reel locking mechanism



RioFree mechanical freewheel at the hose reel for coiling off without any resistance



Wide 180° pivoting hose reel for max. 140 metres of 1/2" hose

TECHNICAL SPECIFICATIONS	
Operating range	Max 450 mm
Engine	Kubota Diesel V1505 25kW (34 HP) Kubota Petrol WG 1605 33,5 kW (45 HP)
Pump Rioned/Speck	Diesel 160 bar / 75 lpm 2400 psi / 17 gpm 200 bar / 60 lpm 3000 psi / 13 gpm Petrol 150 bar / 100 lpm 2250 psi / 22 gpm 160 bar / 85 lpm 2400 psi / 19 gpm 200 bar / 72 lpm 3000 psi / 16 gpm 250 bar / 60 lpm 3600 psi / 13 gpm 270 bar / 54 lpm 4000 psi / 12 gpm 320 bar / 46 lpm 4700 psi / 10 gpm
Pump protection	Run dry protection with overrun possibility
Pressure regulator	Type Speck with automatic bypass
Water tank	600 litres (2 x 300 litres)
Fuel tank	30 litres
Filling reel	50 metres NW 19
Hydrant connection on the tank	Supply line with hydrant connection for fast filling of the water tank
HP hose	80 metres NW 13 (1/2") or NW 16 (dependent on configuration)
HP hose reel	Hydraulic drive with RioFree freewheel, 180° pivoting
Weight	As from 530 kgs
Dimensions (LxWxH)	1335 x 1240 x 1195 mm
Nozzles	2 x 1/2" (1 open, 1 blind)
Accessories	Spraygun and lance
Color	Blue hose reel, black frame

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 water tanks	4 x 300 litres water tanks instead of 2 x 300 litres
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 operation