



Max 600 mm

As from 550 kgs

600 litres

HIGH PRESSURE JETTING MACHINES

CITYJET PTO

POWERED BY THE ENGINE OF A MERCEDES BENZ SPRINTER OR VITO

DRIVE

The CityJet PTO (Power Take-Off) is driven by the engine of the vehicle in which it is placed. A sophisticated hydraulic system reduces the power of the vehicle-driven shaft to allow the high-pressure pump to do its job, so there is no longer any need for a separate combustion engine or other motor. Installed in a new van, this drive meets all legal environmental requirements.

VEHICLES

A CityJet PTO can be built into a Mercedes Benz Sprinter (3.5 or 5 tonnes) that is equipped with the Mercedes PTO factory options. Customers who often work in multi-level car parks can also choose the low clearance Mercedes Benz Vito. The drivetrain of this van includes a transfer case that provides direct power.

EQUIPMENT

The CityJet PTO is equipped with Riomote control and eControl+ operating panel. 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.

BENEFITS

A CityJet with PTO drive in a EURO-6 van meets all environmental regulations. The total weight is lower than that of a machine with a combustion engine. The noise level is lower than that of a machine with a combustion engine, which is a great advantage when working at night, for example.



- Designd for MB Vito and Sprinter
- Low maintenance
- Low noise

TECHNICAL SPECIFICATIONS

Operating range	Up to 600 mm diameter
Drive	Driven by vehicle engine
Pump Rioned/ Speck	Various capacities, depending on the power available from the vehicle
Pump protection	Dry-running protection with bypass
Pressure regulator	Type Speck with automatic bypass function
Water tank	600 litres (2x 300 litres)
Filling reel	50 metres NW19
Permanently attached filling hose	Permanently attached filling hose with hydrant connection for quick filling of the tank
HP hose	80 metres NW 13 (1/2") or 80 metres NW 16
HP reel	180° swivelling, hydraulic and equipped with RioFree freewheel
Weight	From 550 kgs
Dimensions	1335 x 1240 x 1195 mm
Spray nozzles	2x 1/2" (1 open, 1 blind)
Accessories	Spray gun with lance
Colour	Blue/black
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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 lengths	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 sysytem 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