



Rioned

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2016:
good industrial
design



Rioned

COMBINATION UNITS

URBANCOMBI



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URBANCOMBI

THE NEW URBAN JET/VAC COMBINATION UNIT THAT GOES WHERE OTHERS CAN'T

NARROW STREETS

The new Rioned urban combination unit is developed for working in height restricted areas and narrow city streets. It is also well suited for use on difficult terrain and in rural areas.

FOUR WHEEL DRIVE

With a maximum height under 1.85 meters and four wheel drive capability this new combination unit can be driven and used in the most difficult to reach places.

UNDERGROUND CAR PARKS

Despite its compactness it is well suited to cleaning horizontal or vertical pipes and emptying grease traps or septic tanks. The UrbanCombi is a versatile vehicle that can access car parks where there is low height restrictions.

ALUMINUM TANK

To reduce the weight of the vehicle the 1200 litres tank and lockable tool boxes are all manufactured using durable aluminum. The tank has an 800 litres waste water and 400 litres clean water compartment separated by a slanted tank partition. It has fixed supports to neatly stow lengths of suction hose. The manually opening rear door has a 3" inlet and 3" outlet valve. The suction hose reel is equipped with 10 metres of 2.5" hose. (Alternatively 13 metres of 2" hose is available as an option).

PERFORMANCE

Don't be misled by its size! The UrbanCombi has two powerful pumps to get the job done. The P45 high pressure pump delivers pressures up to 375 bar allowing the operator to clean vertical pipes from the ground up. The GD SLS54V vacuum pump offers a massive suction capacity of 325 m³/hour similar to that of many larger combination units.





- > MINI JET/VAC UNIT IDEAL FOR RESTRICTED ACCESS APPLICATIONS
- > ROBUST 3.2 TONS FOUR-WHEEL DRIVE FORD RANGER CHASSIS
- > ALUMINUM TANK WITH 1.200 LITRES TOTAL CAPACITY
- > HEIGHT UNDER 1.85 METRES FOR UNDERGROUND PARKING ACCESS
- > POWERFUL HIGH PRESSURE AND VACUUM PUMP

TECHNICAL SPECIFICATIONS

Chassis	Ford Ranger 2,2 TDCi
Drive	PTO
Tank	Aluminum, 800 litres waste, 400 litres clean water
High pressure pump	Rioned Speck P45 with automatic pressure regulator with by-pass 375 bar / 37 lpm 5400 psi / 8 gpm 320 bar / 46 lpm 4600 psi / 10 gpm 250 bar / 60 lpm 3600 psi / 13 gpm 160 bar / 75 lpm 2400 psi / 17 gpm
Pump protection	Run dry protection with overrun possibility
Hose reel	Hydraulically driven, 180° hose reel with 80 metres 1/2" light-weight hose
Vacuum pump	GD SLS54V (capacity 325 m ³ / hour)
Control	Rioned eControl+ with LCD display, warning lights, hour counter and service interval warning
Remote control	Riomote remote control to control pumps, gas regulation and emergency stop
Storage	Lockable storage trays for hand tools
Dimensions	5500 x 1950 x 1850 mm
Safety	LED warning lights
Included accessories	High pressure jetting nozzles, spray gun and lance
Options	
RioFree free wheel HP reel	Disengages hydraulic system to allow effortless manual feed of high pressure hose
Suction reel	Hydraulic suction reel with 10 metres 2.5" suction hose or 12,5 metres 2" hose
RioPulse Pulsator	Pump adjustment to send water in pulses through the hose
Winter protection	Pneumatic system to blow-out remaining water from the high pressure circuit
Work light	Work light mounted on high pressure hose reel



eControl+ control panel



Large storage compartment for spring machine or camera



Optional suction reel with suction tube