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MACHINES TO RELY ON



Johan, supervisor of an extensive team of experienced mechanics at Rioned.

Johan started working in the assembly department in 1990, becoming a supervisor in 1997. The assembly department has grown considerably over the years. When Johan arrived, there were just five mechanics working there. Today, Johan leads a large team of mechanics. He and his team build machines that our customers can rely on, day in, day out.

“High-quality, reliable machines have ensured Rioned’s position as the number one manufacturer in the sector for many years. We set the bar high at Rioned, and that goes for the assembly department too. Our production process is efficient and focused on quality and reliability. Once a machine is completely assembled, we carry out extensive testing in a special test room. During these test runs, a checklist is used to check each part of the operating process. We check every function, connection and fitting. If everything is in order, the machine is thoroughly cleaned. Only then do we pass the machine on to the shipping department, who take care of dispatching it to the customer.”



High-pressure Cleaning

HIGH-PRESSURE MACHINES

Our portfolio consists of a wide range of machines to clean and unblock sewers and drains quickly and effectively. By using the best components and modern technology, we can guarantee lower operational cost and the unrivalled longevity of our machines. Our jetters use less water, less fuel and are designed to work at the maximum. Standard fit smart features help you to work faster and more effectively.

PORTABLE JETTERS

Portable machines for professional cleaning of small diameter pipework. Powered by either a petrol engine or silent electric motor.

TRAILER JETTERS

Versatile trailer units are available as un-braked with a max capacity of 750 kgs or braked systems with the power to complete the toughest of jobs.

VAN PACKS

A range of skid-mounted machines for the professional user. From the compact AquaJet, suitable for small vehicles, up to our top of the range ProfiJet for the most demanding of applications.



MiniJet



25 - 100 mm



Engine and pump 30 kgs
Hose reel 26 kgs

HD30 130 bar / 30 lpm



40 - 200 mm



90 kgs

HD30 100 bar / 40 lpm



40 - 200 mm



100 kgs



MiniJet

HIGH-PRESSURE CLEANING

MINIJET AND HD30

PROFESSIONAL CLEANING OF DRAINS UP TO 200 MM

MINIJET

The MiniJet is a high-pressure jetting machine for residential and light commercial use. Equipped with a silent and powerful electric motor and professional pump, it is ideal for cleaning drains from 25 - 100 mm.

The MiniJet is easy to transport on stairs or in the elevator. The motor/pump unit can be easily removed and used independently (with a NW 5 hose) from the hose reel, meaning you can leave the hose reel section behind if the workspace is limited.



TECHNICAL SPECIFICATIONS

	MiniJet 110 bar / 10 lpm	HD30 130 bar / 30 lpm	HD30 100 bar / 40 lpm
Operating range	25-100 mm	40-200 mm	40-200 mm
Engine	Electric (1.8 kW / 230V - 50Hz)	Honda petrol (8 kW / 11 hp)	Honda petrol (8 kW / 11 hp)
Pump Rioned/Speck	110 bar / 10 lpm 1600 psi / 2,2 gpm	130 bar / 30 lpm 1900 psi / 6,5 gpm	100 bar / 40 lpm 1450 psi / 8,8 gpm
HP hose	20 metres NW 8 1/4" coupling 10 metres NW 5 hose 1/8" coupling	40 metres NW 8	40 metres NW 10
Weight	Engine and pump 30 kgs Hose reel 26 kgs	90 kgs	100 kgs
Nozzles	2 nozzles 1/4" (1 open, 1 blind) 1 nozzle 1/8" (open)	2 nozzles 1/4" (1 open, 1 blind)	2 nozzles 1/2" (1 open, 1 blind)
Accessories	High-pressure gun with 600 mm lance suction hose with filter	High-pressure gun with 600 mm lance suction hose with filter	High-pressure gun with 600 mm lance suction hose with filter

HD30

The HD30 mobile high pressure jetting machine is fitted with a petrol engine that guarantees optimal cleaning of small drains and sewers up to 200 mm. This machine is particularly suitable for jetting and cleaning of house connections, roof water drains, sewers blocked with grease and industrial sewers. It is also very effective at cleaning street furniture and terraces.

The HD30 can be connected directly to a water supply therefore eliminating the need for a separate water tank. The HD30 is supplied with two nozzles and a high pressure gun with lance.



HD30





Max 300 mm



As from 280 kgs



400 litres



HIGH-PRESSURE CLEANING

AQUAJET

SMALL SIZE & BIG PERFORMANCE, SUITABLE FOR ALL COMMERCIAL VEHICLES

The AquaJet is suitable for unblocking and cleaning of drains and sewers up to 300 mm. Thanks to its very compact design and low weight, it fits almost any lightweight van and pick-up such as Toyota Hiace, Mercedes Benz Vito, Volkswagen Transporter, Caddy or Peugeot Partner.

The AquaJet leaves maximum internal loading space for storage of tools and equipment without exceeding the maximum payload of the van. The machine is also easily installed.

VALUE FOR MONEY

The choice of various engines, pumps and water tanks enables Rioned to build the machine to your specification.

The Rioned AquaJet is designed with maintenance in mind, with a removable cover allowing easy access to the engine and pump for servicing.

GREAT ERGONOMICS

The steel hose reels and control panel are mounted at the optimum working height, giving you ultimate operation comfort.

The AquaJet is available in various configurations and can be enhanced with many options such as RioMote radio remote control, RioPulse pulsator system (jump-jet) and hydraulic hose reel drive.





- Very compact construction
- Low weight
- Choice of different engines, pumps and water tank configurations
- Maintenance friendly
- Fits into almost any vehicle



RioMote remote control optionally available



TECHNICAL SPECIFICATIONS

Operating range	Max 300 mm
Engine	Honda petrol air-cooled (15 kW / 20 hp) or Honda petrol air-cooled (18 kW / 24 hp)
Fuel tank	15 litres
Pump Rioned/Speck	Honda petrol air cooled (15 kW / 20 hp) 150 bar / 45 lpm 2200 psi / 10 gpm Honda petrol air cooled (18 kW / 24 hp) 140 bar / 60 lpm 2000 psi / 13 gpm 150 bar / 55 lpm 2200 psi / 12 gpm 190 bar / 45 lpm 2800 psi / 10 gpm
Pump protection	Optional
Pressure regulation	Type Speck with automatic bypass
Water tank	400 litres
Filling reel	35 metres NW 19
Fixed hydrant connection	Optional
HP hose	60 metres NW 13
HP reel	Fixed, manually operated
Control	On the engine itself, Rioned eControl optional
Weight	From 280 kgs
Dimensions (lxwxh)	1,100 x 950 x 1,095 mm
Nozzles	2 x 1/2" (1 open, 1 blind)
Accessories	Spray gun with lance
Color	Blue cover, black metal frame

OPTIONS

Remote control	RioMote 5-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Pump protection	Run-dry protection with overrun possibility
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra water tanks	2 x 400 litres or 2 x 300 litres water tanks instead of 1 x 400 litres
Extra HP hose length	80 metres NW 13
Fixed suction venturi	Suction device for filling the tanks with tanks with surface water
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank
HP reel	Electrically or hydraulically driven
Second HP reel	Second HP reel instead of filling reel
RioFree mechanical freewheel HP reel	RioFree mechanical freewheel for uncoiling without resistance (only in combination with hydraulic HP reel)



Max 350 mm



As from 440 kgs



600 litres



Optional



HIGH-PRESSURE CLEANING

URBANJET

TAKING DRAIN CLEARANCE TO THE NEXT LEVEL

LIGHTWEIGHT

The new lightweight UrbanJet is designed to fit most compact 3.5t vans such as the VW Transporter, Ford Transit, Vauxhall Movano, MB Vito or similar sized vans. The new UrbanJet is ideally suited for unblocking of house connections and work in domestic and light commercial areas. The UrbanJet is also available with an industrial, water-cooled diesel or petrol engine to service pipes up to 350 mm.

EVERYTHING YOU NEED

The UrbanJet is supplied as a complete package, including a hydraulically driven high-pressure hose reel with 60 metres MaxFlow lightweight jetting hose and filling reel with 35 metres of NW 19 hose. The optionally included 5 or 7-channel radio remote control allows single-person operation and allows the user to control the pump (on/off), engine revs and emergency stop.

The run-dry function for low water pump protection has an override facility allowing the operator to use the hydraulic system to retrieve the hose from the drain. The UrbanJet is available with various water tanks and can be optionally equipped with a pivoting reel for maximum flexibility.

eCONTROL+ INTERFACE

Despite its affordable price, the new UrbanJet is fitted with our award winning eControl+ user interface with LCD display. It includes many useful features and provides a full machine status at a glance. The eControl+ system also provides the user with machine error information for quick fault diagnostics.





- Lightweight to fit most popular and compact 3.5t + vehicles
- eControl+ control panel with machine status indicators
- Hydraulically driven high-pressure hose reel as standard
- Optionally equipped with radio remote control for single-person operation

TECHNICAL SPECIFICATIONS

Operating range	Max 350 mm	
Engine	Kubota diesel D1105 (18.5 kW / 25 hp) or Kubota petrol water-cooled WG972 (23 kW / 30 hp)	
Fuel tank	30 litres	
Pump Rioned/Speck	Kubota diesel D1105	
	200 bar / 45 lpm	3000 psi / 10 gpm
	140 bar / 60 lpm	2000 psi / 13 gpm
	Kubota petrol water-cooled WG972	
	200 bar / 55 lpm	3000 psi / 12 gpm
	140 bar / 70 lpm	2000 psi / 15 gpm
Pump protection	Run-dry protection with overrun possibility	
Pressure regulation	Type Speck with automatic bypass	
Water tank	600 litres (2 x 300 litres)	
Filling reel	35 metres NW 19	
Fixed hydrant connection	Optional	
HP hose	60 metres NW 13	
HP reel	Fixed, hydraulically driven	
Control	Rioned eControl+	
Weight	From 440 kgs	
Dimensions (lwxwxh)	1.305 x 1.240 x 1.195 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Color	Blue cover, black metal frame	

OPTIONS

Remote control	RioMote 5 or 7-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra water tanks	2 x 400 litres or 4 x 300 litres water tanks instead of 2 x 300 litres
Extra HP hose length	80 metres NW 13
Fixed suction venturi	Suction device for filling the tanks with tanks with surface water
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank
HP reel	180° swivelling, hydraulically driven
Second HP reel	Second HP reel instead of filling reel
RioFree mechanical freewheel HP reel	RioFree mechanical freewheel for uncoiling without resistance (only in combination with hydraulic reel)
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
Accessories	Spray gun with lance

NEW
PIVOTING
REEL



Optionally available with pivoting reel.

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NEW
V1505-CRT
DIESEL
ENGINE



Max 450 mm



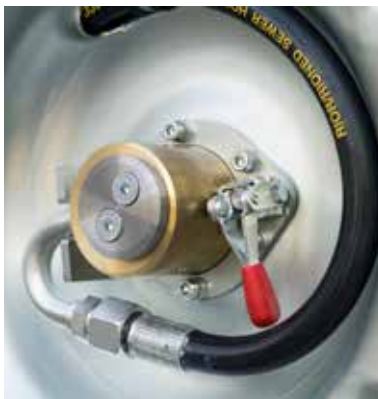
As from 530 kgs



600 litres



STAGE V



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

HIGH-PRESSURE CLEANING

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 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 a diesel engine, petrol engine or even a fully electric engine. The CityJet with V1505-CRT Diesel is equipped as standard with the new eControl Touch control system. A PTO version is also available. The CityJet PTO (Power Take-off) is powered by the engine of the vehicle in which it is mounted. A sophisticated hydraulic system takes power from the vehicle axle to allow the high-pressure pump to do its work. A separate combustion or other engine is therefore no longer necessary. Installed in a new van, this drive meets all legal environmental requirements.

All systems host a range of innovative features to maximize performance and user-friendliness. The CityJet Petrol has a patent pending system to cool the exhaust of the machine.



- 180° pivoting hose reel
- eControl+ or eControl Touch control panel
- High-performance
- Lightweight
- Large capacity hose reel for up to 140 metres HP hose
- Electric hose reel locking mechanism



TECHNICAL SPECIFICATIONS

Operating range	Max 450 mm	
Engine	PTO, Kubota petrol WG1605 (42,5 kW / 57 hp) or Kubota diesel common rail turbo V1505-CR T (33 kW / 44 hp)	
Fuel tank	30 litres	
Pump Rioned/Speck	PTO	
	200 bar / 60 lpm 160 bar / 75 lpm	3000 psi / 13 gpm 2400 psi / 17 gpm
	Kubota petrol WG1605 or Kubota diesel common rail turbo V1505-CR T	
	320 bar / 46 lpm 250 bar / 60 lpm 160 bar / 85 lpm 270 bar / 54 lpm 200 bar / 72 lpm 150 bar / 100 lpm	4600 psi / 10 gpm 3600 psi / 13 gpm 2400 psi / 19 gpm 4000 psi / 12 gpm 3000 psi / 16 gpm 2200 psi / 22 gpm
Pump protection	Run-dry protection with overrun possibility	
Pressure regulation	Type Speck with automatic bypass	
Water tank	600 litres (2 x 300 litres)	
Filling reel	50 metres NW 19	
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank	
HP hose	80 metres NW 13 or 80 metres NW 16	
HP reel	180° swivelling, hydraulically driven and with RioFree freewheel	
Control	Rioned eControl+, Rioned eControl Touch standard on V1505-CR T engine	
Weight	From 530 kgs	
Dimensions (lwxhxh)	1,335 x 1,240 x 1,195 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Accessories	Spray gun with lance	
Color	Blue cover, black metal frame	

OPTIONS

Remote control	RioMote 7-channel remote control system or RioMote Premium 7 channel remote control system with display (only i.c.w. eControl Touch)
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra water tanks	2 x 400 litres or 4 x 300 litres water tanks instead of 2 x 300 litres
Extra HP hose length	100 or 120 metres NW 13 or 100 metres NW 16
Fixed suction venturi	Suction device for filling the tanks with tanks with surface water
Second HP reel	Second HP reel instead of filling reel
Radiographic control HP reel	Coiling on and off via the radio remote control



SYSTEM MANAGEMENT

eCONTROL TOUCH

NEXT-LEVEL SEWER MACHINE MANAGEMENT FOR UNRIVALLED CONTROL AND DIAGNOSTICS

The eControl Touch is the next generation of machine control systems for use across our range of high-pressure drain and sewer cleaning machines. Following on from the success of the first eControl unit, which garnered a prestigious Red Dot award for innovation in 2015, the latest iteration comes with a range of new smart features and offers unrivalled sewer machine control and diagnostics.

eCONTROL TOUCH

The new eControl Touch heralds the arrival of a platform designed for the future, offering operators more control to improve efficiencies and reduce running and maintenance costs. With operation, functionality, and sustainability at the forefront of the brief, the eControl Touch offers an unrivalled level of machine diagnostic and operational intelligence. The design takes into account future developments, such as wide-ranging connectivity, and delivers on the aim to help operators reduce carbon emissions and running costs by saving on fuel and water usage.

NEW LOOK

The new-look unit has been designed to provide complete fingertip control, with an ergonomic shape developed for ease of use. The new configuration includes a larger 7" LCD touch screen, displaying complete system information at a glance. A robust jog wheel has also been added to enable operators quick access to the complete range of system information even when wearing gloves.

BUILT-IN SENSORS FOR REAL-TIME MEASUREMENTS

Key to the development is the inclusion of more real-time sensors, with operators now able to monitor pressure and flow, RPMs and fuel and water level at a glance. Sensors also continuously monitor machine components, with the eControl Touch displaying warning alerts and solutions when detecting impending machine malfunctions. This accurate monitoring of the condition of critical components enables users to reduce machine downtime and maintenance costs.



Standard on CityJet with V1505-CR T diesel engine



Scan QR-code for product video

NEW
STANDARD
ON CITYJET
V1505-CR T



- Ergonomic design with 7" touchscreen and jog wheel
- Complete system information at a glance
- More built-in sensors for real-time diagnostic data
- Continuous engine, pump and component monitoring
- RioMeter included as standard

NEW FEATURES

The new eControl Touch can be started with an RFID (Radio Frequency Identification) tag to increase operator safety when working remotely from the jetter. A unique code can also be used if the RFID tag is lost. Rioned's popular RioMeter has also been installed as standard, providing highly accurate measurements of the amount of hose that has travelled along a pipe.

NEW HANDSET

The new RioMote handset includes an LCD screen that displays essential system information relayed directly from the eControl Touch. Operators working at a distance from the machine can view pressure, flow, run time, system warnings and other component information at a glance, improving operator safety and minimising machine downtime.



The new RioMote handset includes an LCD screen displaying information from the eControl Touch



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Max 350 mm



As from 690 kgs



600 litres



HIGH-PRESSURE CLEANING

eCITYJET

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 EMISSIONS

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 only marginally heavier. The empty machine weighs approximately 690 kgs. The machine is comparable in size to the 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. The machine is ideally suited for unblocking pipes up to 350 mm. With fully charged batteries, and on an average working day you can operate the eCityJet for a full day without charging between jobs. However, most customers work for several days without recharging in between.

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 the 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 NW 19 hose.



Dutch company Van der Velden has tested the eCityJet:
"We have extensively tested the electric CityJet in the centre of Amsterdam and were able to work with the machine for two days without having to recharge the batteries in between."



- Zero emissions
- Ideal for work in ultra-low emission zones and indoor use
- Powered by an extremely efficient battery pack

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 NO_x, 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	Max 350 mm	
Engine	Electric engine	
Battery pack	30 kWh battery package	
Pump	160 bar / 75 lpm	2300 psi / 17 gpm
Rioned/Speck	200 bar / 60 lpm	3000 psi / 13 gpm
Pump protection	Run-dry protection with overrun possibility	
Pressure regulation	Type Speck with automatic bypass	
Water tank	600 litres (2 x 300 litres)	
Filling reel	50 metres NW 19	
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the the tank	
HP hose	80 metres NW 13 or 80 metres NW 16	
HP reel	180° swivelling, electrically driven and with RioFree freewheel	
Control	Rioned eControl+	
Weight	From 690 kgs	
Dimensions (l x w x h)	1,615 x 1,240 x 1,195 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Accessories	Spray gun with lance	
Color	Blue cover, black metal frame	

OPTIONS

Remote control	RioMote 7-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra HP hose length	100 or 120 metres NW 13 or 100 metres NW 16
Second HP reel	Second HP reel instead of filling reel
Radiographic control HP reel	Coiling on and off via the radio remote control
RioMeter hose counter	RioMeter hose counter for displaying metres of hose in the pipe
Electric water level control	Automatic ssystem to open and close the filling line of your machine if the water has reached its minimum or maximum level in the tank



Max 600 mm



As from 800 kgs



600 litres



HIGH-PRESSURE CLEANING

PROFIJET T4

THE MOST POWERFUL AND GREEN MACHINES

TOP OF THE RANGE

The ProfiJet T4 is our top of the range diesel-operated model. It is designed to work long and hard. It offers unrivalled user-friendliness and hosts a wealth of innovative features to make your work easier and more effective. The award winning eControl+ user interface is fitted as standard, it provides you with useful features and gives you a full status update of your system at a glance. The optionally available electric water level control system opens and closes the inlet valve of the tank automatically at the minimum or maximum water level.

The RioMeter hose meter counter is fitted as standard and indicates the length of jetting hose deployed.

FUTURE-PROOF ENGINE

Tier 4 (US) and Stage V (Europe) is legislation that requires industrial diesel engines to reduce the effects on the environment in relation to exhaust emissions. These regulations require the reduction of particulate matter (PM) and nitrogen oxides (NOx). All new non-road diesel engines have to comply with these new regulations. The new ProfiJet T4 Stage V is powered by a fuel-efficient Kubota V2403-CR turbo engine with built in catalyst and diesel particulate filter.

POWERFUL YET COMPACT PACKAGE

The ProfiJet T4 V2403-CR T with 65 horse power allows you to take on even the toughest jobs with 280 bar / 80 lpm. The high-flow model delivers 130 lpm with 160 bar pressure. The lightweight frame is made out of extra strong aluminium and it is designed to fit most commercial vehicles such as Mercedes Sprinter, Volkswagen Crafter or Iveco Daily. Two separate water tanks are interconnected to optimize road stability and driving comfort.

OPTIMAL WORKING COMFORT

The hydraulically-driven reel swings out 90° and rotates 180° for optimal working comfort. With a hose capacity of 140 metres, the ProfiJet is the unblocking and cleaning machine for the most demanding jobs.



Tier 4/Stage V ready engine with built-in diesel particulate filter and catalyst



Pivoting and rotating hose reel



- Fuelefficient Tier 4/Stage V Kubota engine complying to current and future emission regulations
- Unique pivoting and swivelling high-pressure hose reel
- eControl+ user interface with integrated hose meter counter



TECHNICAL SPECIFICATIONS

Operating range	Max 600 mm	
Engine	Kubota diesel common rail turbo V1505-CR T (33 kW / 44 hp) or Kubota diesel common rail turbo V2403-CR T (49 kW / 65 hp)	
Fuel tank	30 litres	
Pump Rioned/Speck	Kubota diesel common rail turbo V2403-CR T	
	280 bar / 80 lpm 160 bar / 130 lpm	4100 psi / 18 gpm 2300 psi / 29 gpm
	Kubota diesel common rail turbo V1505-CR T	
	250 bar / 60 lpm 200 bar / 72 lpm 160 bar / 85 lpm 150 bar / 100 lpm	3600 psi / 13 gpm 3000 psi / 16 gpm 2400 psi / 19 gpm 2200 psi / 22 gpm
Pump protection	Run-dry protection with overrun possibility	
Pressure regulation	Type Speck with automatic bypass	
Water tank	800 litres (2 x 400 litres)	
Filling reel	35 metres NW 19	
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank	
HP hose	80 metres NW 13, 80 metres NW 16 or 80 metres NW 19	
HP reel	180° swivelling, 90° rotating, hydraulically driven and with RioFree freewheel	
Control	Rioned eControl+	
Weight	From 800 kgs	
Dimensions (l x w x h)	1,736 x 1,383 x 1,186 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Accessories	Spray gun with lance	
Color	Blue cover, black metal frame	

OPTIONS

Remote control	RioMote 7-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra water tanks	4 x 400 litres water tanks instead of 2 x 400 litres
Extra HP hose length	100, 120 or 140 metres NW 13, 100 or 120 metres NW 16
Fixed suction venturi	Suction device for filling the tanks with tanks with surface water
Second HP reel	Second HP reel instead of filling reel
Radiographic control HP reel	Coiling on and off via the radio remote control
RioSpindel	RioSpindel automatic hose guidance on the first HP hose reel
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

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Rioned.

Keeping your business flowing

www.rioned.com





FlexJet Basic



Max 300 mm



As from 370 kgs



400 litres

FlexJet Standard



Max 300 mm



As from 390 kgs



400 litres

FlexJet+



Max 350 mm



As from 430 kgs



550 litres

STAGE V



Ergonomic working height

HIGH-PRESSURE CLEANING

FLEXJET AND FLEXJET+

FLEXIBILITY AT ITS BEST

The FlexJet and FlexJet+ are super compact trailers with a powerful pump suitable for professional unblocking and cleaning of drains and sewers up to 300 mm (FlexJet) or 350 (FlexJet+) mm. The trailer is suitable for professional cleaning companies, councils, building contractors and water authorities.

INTELLIGENT DESIGN

Due to the streamlined and modern design, the FlexJet has a low air resistance. Thanks to the use of high strength steel and synthetic material the total weight remains low, making it possible to carry more water.

The lightweight FlexJet can be transported by practically all types of vehicle and on a standard driving license. The FlexJet has excellent road handling and maneuvering abilities, thanks to its compact size. The Flexjet+ is a braked trailer. The hose reels are mounted at the perfect working height for ultimate operational comfort. The operator has full control of the FlexJet at the rear. The FlexJet has an integrated 400 litres water tank with a large tool box and lockable cover. The FlexJet+ holds 550 litres of water.

STABLE BUT FLEXIBLE

The innovative construction of the water tank gives a stable road handling both when empty and full by preventing sway during driving. The trailer is very user friendly and is available in various pressure and flow capacities. As the name already indicates, this machine can be used flexibly and is well suited to drainage and surface cleaning.

The motor-pump compartment of the FlexJet+ is enclosed and supplied with flame-retardant insulation material along with a special cooling system. The FlexJet+ is heavily noise damped. The cover can remain closed during operation and during transport, meaning the machine remains free from road dirt and salt.



TECHNICAL SPECIFICATIONS

	FlexJet	FlexJet+
Operating range	Max 300 mm	Max 350 mm
Version	Unbraked, with or without cover	Braked, with cover
Engine	Honda (15 kW / 20 HP)	Honda (15 kW / 20 hp) Honda (18 kW / 24 hp)
Fuel tank	15 litres	15 litres
Pump Rioned/Speck	150 bar / 45 lpm 2200 psi / 10 gpm	Honda petrol (15 kW / 20 hp) 150 bar / 45 lpm 2200 psi / 10 gpm Honda petrol (18 kW / 24 hp) 150 bar / 55 lpm 2200 psi / 12 gpm 140 bar / 60 lpm 2000 psi / 13 gpm
Pump protection	Optional	Optional
Pressure regulation	Type Speck with automatic bypass	Type Speck with automatic bypass
Water tank	400 litres	550 litres
Filling reel	35 metres NW 19	35 metres NW 19
HP hose	50 metres NW 13	60 metres NW 13
HP reel	Fixed, manually operated	Fixed, manually operated
Control	On the engine itself, Rioned eControl optional	On the engine itself, Rioned eControl optional
Weight	From 370 kgs	From 430 kgs
Dimensions (lxwxh)	2,815 x 1,375 x 1,320 mm	3,070 x 1,375 x 1,320 mm
Nozzles	2 x 1/2" (1 open, 1 blind)	2 x 1/2" (1 open, 1 blind)
Accessories	Spray gun with lance	Spray gun with lance
Color	White (FM-1450)	White (FM-1450)

OPTIONS

Remote control	RioMote 5-channel remote control system	RioMote 5-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses	Pump adjustment to send the water through the hose in pulses
Pump protection	Run-dry protection with overrun possibility	Run-dry protection with overrun possibility
Extra HP hose length	60 or 80 metres NW 13	60 or 80 metres NW 13
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank	Fixed hydrant connection for rapidly filling the tank
HP reel	Hydraulically driven	Hydraulically driven
Second HP reel	Second HP reel instead of filling reel	Second HP reel instead of filling reel
RioFree mechanical freewheel HP reel	RioFree mechanical freewheel for uncoiling without resistance (only in combination with hydraulic HP reel)	RioFree mechanical freewheel for uncoiling without resistance (only in combination with hydraulic HP reel)
Accessories	Alloy wheels instead of standard wheels	Alloy wheels instead of standard wheels
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	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



- Compact and lightweight
- Modern design, easy to use
- Integrated water tanks
- Several configurations available
- For drains and sewers up to 350 mm



Max 450 mm



As from 980 kgs



800 litres



HIGH-PRESSURE CLEANING

MULTIJET

THE HEAVY-DUTY, HIGH-CAPACITY JETTING TRAILER

The Rioned MultiJet is a high-pressure jetting trailer designed and built with the latest technology and is suitable for unblocking and cleaning of drains and sewers up to 450 mm. The powerful MultiJet is the quietest trailer-mounted jetting machine in its class thanks to the water-cooled diesel or petrol engine, special exhaust system and enclosed body.

MAXIMUM VISIBILITY

The MultiJet has two integrated 400 litres water tanks that are connected. The unique design and low center of gravity ensure excellent driving characteristics and road stability. When pivoted out, the hose reel remains within the machine body, maximizing obstructions into the road thus preventing accidents. The placement of the lights guarantee maximum visibility and safety.

FRAME AND DESIGN

The new heavy-duty tow bar and chassis are built to withstand many years of intensive use, while the robust construction of the pivoting hose reel mechanism ensures trouble-free operation for the life of the machine. As with all premium Rioned machines, safety systems are fitted to maximize the longevity of the MultiJet's major components.

The aerodynamic design of the MultiJet contributes to ensuring lower fuel consumption of the towing vehicle. Noise levels are reduced to an absolute minimum by the use of a heat exchanger system to cool the engine. Two integrated and lockable tool compartments provide ample storage space for tools and other equipment.

NEW PIVOTING HOSE REEL CONSTRUCTION

The pivoting hose reel now pivots to over 90° + 180° and further from the rear of the machine for optimum working comfort under all circumstances. The hose reels are protected by the cover of the machine, further ensuring trouble-free working during periods of frost.

The high-pressure jetting hose fitted to the MultiJet is not only the lightest hose of its kind on the market, it also ensures minimum pressure loss thanks to the smooth inner surface and widened inner diameter. Due to the new hose, the effective output of the new MultiJet is further increased delivering more working pressure at the nozzle.

For single-person operation a radio remote control option is available, along with a spray beam to clear road surfaces from oil spills and dirt.



800 litres water on board



90° + 180° Pivoting hose reel



- Robust and durable
- Designed for tough jobs
- 90° + 180° pivoting high-pressure hose reel
- Very stable road handling
- Low noise level



Large storage compartments



eControl+ control panel

TECHNICAL SPECIFICATIONS

Operating range	Max 450 mm	
Version	Braked, with soundproof cover	
Engine	Kubota petrol WG1605 (42,5 kW / 57 hp) or Kubota diesel common rail turbo V1505-CR T (33 kW / 44 hp)	
Fuel tank	30 litres	
Pump Rioned/Speck	Kubota petrol WG1605 or Kubota diesel common rail turbo V1505-CR T	
	160 bar / 85 lpm 200 bar / 72 lpm 150 bar / 100 lpm 250 bar / 60 lpm	2400 psi / 19 gpm 3000 psi / 16 gpm 2200 psi / 22 gpm 3600 psi / 13 gpm
Pump protection	Run-dry protection with overrun possibility	
Pressure regulation	Type Speck with automatic bypass	
Water tank	800 litres (2 x 400 litres)	
Filling reel	50 metres NW 19	
Fixed hydrant connection	Fixed hydrant connection for rapidly filling the tank	
HP hose	80 metres NW 13 or 80 metres NW 16	
HP reel	180° swivelling, 90° rotating, hydraulically driven	
Control	Rioned eControl+	
Weight	From 980 kgs	
Dimensions (lxwxh)	3,640 x 1,840 x 1,500 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Accessories	Spray gun with lance	
Color	Yellow (RAL 1032), blue (RAL 5010) or white (RAL 9010)	

OPTIONS

Remote control	RioMote 7-channel remote control system
RioPulse Pulsator	Pump adjustment to send the water through the hose in pulses
Anti-freeze tank	30 litre anti-freeze tank with circulation system to protect the high-pressure pump
Extra HP hose length	100 or 120 metres NW 13
Fixed suction venturi	Suction device for filling the tanks with tanks with surface water
Second HP reel	Second HP reel instead of filling reel
Radiographic control HP reel	Coiling on and off via the radio remote control
RioMeter hose counter	RioMeter hose counter for displaying metres of hose in the pipe
RioFree mechanical freewheel HP reel	RioFree mechanical freewheel for uncoiling without resistance
Spraybeam	Spraybeam with rotating nozzles to remove oil pollution from streets
Accessories	Alloy wheels instead of standard wheels



HIGH-PRESSURE CLEANING OPTIONS

ENHANCE THE FUNCTIONALITY OF YOUR JETTING MACHINE



RIOMOTE

With RioMote radio remote your jetting machine can be controlled by a single person. With the 5-channel RioMote radio remote on our petrol driven jetters and UrbanJet, you can switch the pump on or off and increase or decrease the engine revs. In addition, there is a 7-channel radio remote available on our other machines, meaning you can also switch the engine on or off. There is also an emergency stop with auto-reset function for maximum safety. RioMote remote control has a massive operating range and thanks to the extra battery supplied you can work continuously.



RIONED ACCESSORIES

Enhance your efficiency with a range of accessories. We offer a complete range of jetting nozzles for all types of application. From standard and rotating nozzles to hydraulic root cutters and specialist nozzles to remove soil.

To extend the life of your high-pressure hose we can supply hose inlet guidance tubes and rollers. The suction venturi device is a simple tool to empty flooded cellars without having to use a separate suction pump. See www.rioned.com for more details.



WINTER PROTECTION

Severe winter conditions can seriously damage the critical components of your jetting machine. Rioned offers an anti-frost system with tank to prevent extreme weather damage.



PULSATOR

The Pulsator is an adjustment to the pump that continuously interrupts the water flow and sends pulses of water through the hose.

Water savings of up to 80% can be achieved, whilst time is saved as the pulse action feeds the high pressure hose quickly and effectively into the pipework.



ELECTRIC WATER LEVEL CONTROL

The automatic water level control system automatically opens the filling valve if the water level is low and also shuts the supply feed off if the tank level has reached its maximum. This option allows the user to continuously fill and work uninterrupted when connected to a tap.



VENTURI TANK FILLING SYSTEM

The venturi system creates suction pressure in the clean water tanks which allows you to fill up with water from lakes and canals at high speed.



RIOFREE

The RioFree freewheel system ensures that the hose reel can be coiled off without friction of the hydraulic system. This feature significantly reduces the effort required to operate the hose reel. Included as standard on our CityJet and ProfiJet T4 models.



RIOMETER HOSE METER COUNTER

The Riometer hose meter counter supplies accurate information on how far the nozzle is inserted in the drain. It is especially useful on longer runs or when a drain is already partially cleaned. The hose meter counter is accurate to c. 2% at 100 metres.

MAXFLOW SEWER HOSE

By using the latest technology, Rioned has developed a new type of lightweight high-pressure sewer hose with a larger inner diameter. This optimizes the flow inside the hose and reduces pressure loss significantly without compromising the working or burst pressure.

