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NEW
V1505-CRT
DIESEL
ENGINE



Max 450 mm



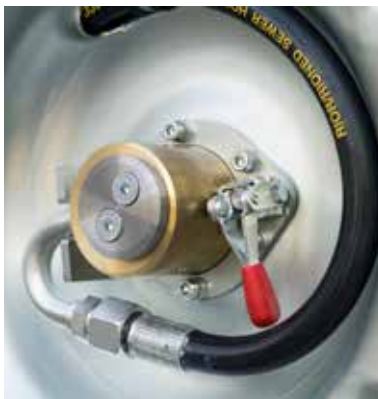
As from 530 kgs



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 (l x w x h) | 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 |