

# PROFIJET

## VERSATILE

The Rioned Profijet skid mounted jetting machine is suitable for professional use in drains and sewers up to 600 mm. This powerful machine is designed and built using the latest technologies, it can be installed into medium weight and heavy weight vehicles.

### SUPERIOR ERGONOMICS

The patented 180° pivoting high pressure hose reel ensures optimal and ergonomic ease of operation. The hose reel with eControl box swings out to 180° at the perfect working height. The Profijet can carry more water without compromising on space, due to the newly designed Rioned Compact System® water tanks, fitted with 2 separate tanks to ensure safe and smooth transportation of water.

The Profijet uses a new exhaust and water cooling system to remove heat & fumes and lower engine noise levels.

The Profijet is developed to minimize pressure loss, this has been achieved by optimal design & construction, the use of improved materials results in a stable and lighter machine.

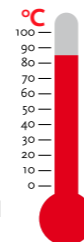
The design, ease of operation, high quality components and compact design are among the special characteristics of the Profijet. The Profijet is available with various pressure and flow rates, with extra options e.g. RioMote radio remote control, RioPulse pulsator system (remote controlled), 4 Rioned Compact System® water tanks (1.600 litres / 355 gallons total), quick filling and suction ventury systems, high pressure hose reel controlled by radio remote control and automatic hose guidance system.

### IDEAL TO CLEAR FAT AND GREASE

In the modern environment detergent and liquid grease have a lower melting point and are the biggest pollutants of pipes. By heating and turning these types of blockage into liquid, the pollutants can easily be flushed into the main drain.

Urine and calcium scale can also be removed easily. The unique hot water system for your Profijet (200 bar at 72 litres per minute version) heats up water using the engines residual heat. This saves fuel when compared to other hot water systems that work with a separate boiler unit.

With the throw of a lever you can choose between 20 litres water at 85°C or 40 litres per minute at 55°C. When using warm water 30 to 40 litres per minute is sufficient to effectively clean house connections and smaller sized drains. This results in a major water saving. Hot water is also a very effective surface cleaner when used with the gun and lance system.



### TECHNICAL SPECIFICATIONS

Operating range	Max 600 mm	
Engine	Watercooled Kubota Diesel 30 kW (41 HP), 33 kW (45 HP) or 40 kW (55 HP)	
Pump Rioned/Speck	150 bar / 100 lpm* 160 bar / 85 lpm* 160 bar / 120 lpm 200 bar / 72 lpm* 200 bar / 100 lpm 250 bar / 80 lpm 270 bar / 54 lpm*	2250 psi / 22 gpm* 2400 psi / 19 gpm* 2400 psi / 27 gpm 3000 psi / 16 gpm* 3000 psi / 22 gpm 3600 psi / 18 gpm 4050 psi / 12 gpm*
	* Also available as PTO machine	
Pump protection	Run dry protection with overrun possibility	
Pressure regulator	Type Speck with automatic bypass	
Water tank	800 litres (2 x 400 litres)	
Fuel tank	30 litres	
Filling reel	50 metres NW 19	
HP hose	80 metres NW 13 (1/2"), NW 16 or NW 19 (dependent on configuration)	
HP hose reel	Hydraulic drive, 90° + 180° pivoting	
Weight	As from 725 kgs	
Dimensions (L,W,H)	1460 x 1440 x 1440 mm	
Nozzles	2 x 1/2" (1 open, 1 blind)	
Accessories	Spraygun and lance	
Color	Blue hosereel, black frame	

- > ECONOMIC WORKING HEIGHT
- > PIVOTING ARM WITH CONTROL BOX
- > 2X400 LITRES COMPACT WATER TANKS
- > VERY COMPACT BUILD
- > HOT WATER OPTION
- > LARGE FLOW RATES



Hot water option 85°C



Pivoting and rotating hose reel



eControl+ control panel (with RioMote remote control)