

# M a c h i n e s

**Rioned**

• *Setting the standard*

## **Overview Suction & High Pressure Jetting Combination Units**



**Suction & High  
Pressure Jetting  
Combination Units**

- Compact build
- To customer specifications
- Fix mounted, removable or on a trailer
- Corrosion-proof water tanks
- Tank capacity up to 8.000 litres/  
1.780 gallons
- Vacuum pumps with airflows up to  
20.000 litres/minute
- High pressure jetting pumps up to  
200 lpm/45 gpm capacity
- Driven by PTO system or diesel/  
petrol engines
- Hydraulic high pressure hose reel,  
fixed or 180° pivoting
- Very user-friendly

# Rioned Suction & High Pressure Jetting Combination Units

## CityCom on Nissan Cabstar

The Rioned CityCom is the latest concept of a compact suction and high pressure combination unit built on a Nissan Cabstar which is especially developed for city access and parking garages (lowered versions). Due to its compactness the CityCom can get access into small streets where large combination trucks are unable to gain entry.

For more information please ask for the product leaflet.

<b>Description</b>	Combined Jetting Unit/Gully Emptier 1.300 l/292 gal (700 l/157 gal waste and 600 l/135 gal clean water 3,5 tons) 1.900 l/427 gal (1.300 l/292 gallons waste and 600 l/135 gal clean water 4,5 tons)
<b>Pump</b>	Rioned/Speck P45 pump - Mannesman SLS 54 V vacuum pump (5.000 lpm)
<b>Capacity</b>	250 bar/3750 psi - 60 lpm/13 gpm 200 bar/3000 psi - 72 lpm/16 gpm 150 bar/2250 psi - 75 lpm/17 gpm 150 bar/2250 psi - 85 lpm/19 gpm
<b>Driven by</b>	PTO
<b>Options</b>	Adaptation of the Nissan Cabstar to enter parking garages, Riomote 9 channel radio remote control, manual supply hose reel with 35 m supply hose, Riopulse pulsator system working and emergency lights
<b>Chassis</b>	Nissan Cabstar 3,5 tons or 4,5 tons
<b>Total weight</b>	3,5 tons or 4,5 tons



## MiniCom on Renault Mascot



<b>Description</b>	Combined Jetting Unit/Gully Emptier 1.000 l/220 gal (500 l/110 gal waste and 500 l/110 gal clean water)
<b>Pump</b>	Rioned/Speck P45 pump (250 bar/3750 psi and 60 lpm/13 gpm) - Mannesman SLS 54 V vacuum pump (5.000 lpm)
<b>Driven by</b>	PTO
<b>Options</b>	180° pivoting high pressure hose reel, hydraulic suction hose reel and special tool boxes
<b>Chassis</b>	Renault Mascot 12.35
<b>Total weight</b>	3,5 tons

## FlexCom on Mitsubishi Canter



<b>Description</b>	Combined Jetting Unit/Gully Emptier 2.900 l/652 gal (2.000 l/450 gal waste and 900 l/202 gal clean water)
<b>Pump</b>	Rioned/Speck P45 pump 180 bar/2700 psi and 75 lpm/17 gpm - MEC 5000 vacuum pump (5.000 lpm)
<b>Driven by</b>	Kubota V1505 Turbo 41 hp
<b>Options</b>	180° pivoting high pressure hose reel, 2nd high pressure hose reel, hydraulic suction hose reel
<b>Chassis</b>	Mitsubishi Canter 7C15
<b>Total weight</b>	7,5 tons

## FlexCom on Toyota Dyna

<b>Description</b>	Combined Jetting Unit/Gully Emptier 3.100 l/697 gal (2.200 l/495 gal waste and 900 l/202 gal clean water)
<b>Pump</b>	Rioned/Speck P52 pump 200 bar/3000 psi and 72 lpm/16 gpm - Mannesman SLS 54 V vacuum pump (5.000 lpm)
<b>Driven by</b>	PTO
<b>Options</b>	180° pivoting high pressure hose reel, 2nd high pressure hose reel, suction hose reel and supply hose reel.
<b>Chassis</b>	Toyota Dyna 200 L.75.34
<b>Total weight</b>	7,5 tons



## MaxCom on Renault Premium



<b>Description</b>	Combined Jetting Unit/Gully Emptier 13.000 l/2.920 gal (2 waste water tanks of in total 12.000 l/2.695 gal and 1.000 l/225 gal clear water)
<b>Pump</b>	Rioned/Speck P52 pump 150 bar/2250 psi and 100 lpm/22,5 gpm -WPT 720 water cooled vacuum pump (9.600 lpm)
<b>Driven by</b>	PTO
<b>Options</b>	Hydraulic tip cylinder, 180° pivoting high pressure hose reel on rear door, 2nd hydraulic high pressure hose reel on pavement side, Riomote 7 channel radio remote control.
<b>Chassis</b>	Renault Premium 320.26
<b>Total weight</b>	26 tons

ON REQUEST

### Tailor made

Rioned has built Suction & High Pressure Jetting Combination Units for many years. Each unit is produced entirely according to customer specifications, with due observance of local legislation.

The units are mainly used for:  
- unblocking, cleaning and maintenance of sewer- and drainage systems,  
- emptying grease separators, septic tanks, street wells and potholes,  
- collection and transport of waste.

### Compact build

The compact build makes these machines very suitable for city centres and narrow streets that are difficult to access for large vehicles. The Rioned Suction & High Pressure Jetting Combination Units are also ideal for car parks and garages; for example to empty drain and sewer interceptors.

### Fix mounted, removable, or on a trailer

Rioned delivers fixed units - super-structured or built-in - or units on a trailer. A removable system is also possible.

### Corrosion-proof water tanks

The tanks have a hinged rear door, and are provided with a coating on the inside. They are divided into waste water and fresh water compartments. The waste water tanks are equipped with pressure/vacuum gauge, inlet and outlet valves in rear door, sight glasses and securities (siphons).

**Tank capacity:** up to a maximum of 8.000 l/1.780 gal. Construction in aluminium or stainless steel if required.

### Vacuum pumps

Air- or water-cooled vacuum pumps with up to 20.000 litres suction capacity/minute.

### High pressure pumps

Reliable Rioned/Speck high pressure pumps with ceramic plunger and automatic pressure regulators. High pressure capacity up to 400 bar/ 6.000 PSI and waterflow up to 200 lpm/45 gpm.

### Hydraulic high pressure hose reels

All combination units are provided with hydraulic high pressure hose reels with speed regulation and freewheel position. The hose reels are equipped with high pressure hoses with sufficient safety factors. Optionally a 180° pivoting high pressure hose reel can be delivered.

### Drive

The machines are driven by powerful and reliable diesel/petrol engines or by PTO from the power of the van or the truck engine.

### Very user-friendly

The units are very user-friendly. All control elements, the switch box included, are on the back of the machine, close to the operation area. Delivery with Riomote® radio remote control is possible.



## Suction unit on trailer

<b>Description</b>	Suction unit on trailer with galvanized tank (1.700 l/375 gal)
<b>Pump</b>	MEC 5000 vacuum pump
<b>Driven by</b>	18 HP B&S petrol engine
<b>Total weight</b>	3 tons



## SkidCom in MB Sprinter

<b>Description</b>	Combined Jetting Unit/Gully Emptier 1.800 l/400 gal (1.000 l/220 gal waste and 800 l/180 gal clean water)
<b>Pump</b>	Rioned/Speck P52 pump (200 bar/3.000 psi and /72 lpm/16 gpm) - Mannesman SLS 54 V vacuum pump (5.000 lpm)
<b>Driven by</b>	PTO
<b>Options</b>	2 hydraulic pivoting high pressure hose reels, hydraulic suction hose reel, hot water unit
<b>Chassis</b>	MB Sprinter 416 CDI
<b>Total weight</b>	4,6 tons



## Appropriate chassis

Rioned Suction & High Pressure Jetting Combination Units can also be fitted on or in the following chassis: Volkswagen LT, Mercedes-Benz Sprinter, Mercedes-Benz Vario, Renault Mascotte, Renault Midlum, Iveco Daily, Iveco ML and Nissan Cabstar. These are just a few examples. Ask Rioned beforehand what the possibilities are for the chassis of your choice.

## Options



Aluminium tool box with hose storage



Hydraulic suction hose reel



Hydraulic suction pipe



Hydraulic rear door with hydraulic pinions



Lowered roof



Aluminium or stainless steel tanks



Riomote® radio remote control



Hot water unit

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