

WHALE TANKERS SPECIFICATION - CITYWHALE RANGE

3.2t CityWhale Micro - Ford Ranger 4 x 4 (EURO 5) - Baroclean

Type: CityWhale Micro - Ford Ranger - Baroclean

IVA: Whole Vehicle Type Approval - Directive 2007/46



Chassis: 4x4 type, FORD RANGER Euro 5. GVW 3.2 T. Wheelbase 3,220 m

Euro Emissions Level: EURO 5 (Five)

: Up-rated leaf spring suspension

Gearbox: Manual

Drive: Right Hand Drive



TANK WITH FIXED PARTITION

2 Compartments with a total capacity of **1,200 litres**

Cylindrical sludge tank with **800 litres** of capacity

Water tank with **400 litres** of capacity

Cylindrical sludge tank with 800 litres

Man hole Ø 150 to drain the tank

One ball valve 2"1/2, directly connect to pipe leading to the top of the tank

One ball valve 3" for the backflow & connect on DN 150

Water tank with 400 litres of capacity

One quick filling cap Ø 70 (remains to be defined)

One visual water level gauge with exterior overflow

SUCTION VACUUM PUMP

Type : JUROP PN 33

Hydraulic motor drive type OMP 40

Rotary Vane Compressor , air cooled system & forced lubrication.

Vacuum/pressure change over valve, 4 ways

Vacuum/Pressure safety system:

One Pressure Gauge

Safety ball system fixed on the tank with removable reservoir

HIGH PRESSURE

Type KT 22 Pratissoli

Water flow 50 litres/min at 250 bar

Hydraulic motor drive type F1 050. Connection between motor & pump by plastic hub

High pressure safety:

Low water level security with automatic HP pump disengagement

Water filter before pump with removable filter element

Pressure Gauge



Reliability, Service, Value ... for Life

WHALE TANKERS SPECIFICATION - CITYWHALE RANGE

3.2t CityWhale Micro - Ford Ranger 4 x 4 (EURO 5) - Baroclean

HYDRAULIC EQUIPMENT

HP pump & vacuum pump, driven hydraulically by the vehicle engine, through the transfer box, type OMSI 210MKG, power 170 HP, maxi speed 4200 tr/mn. Mounted between gearbox & the rear axle.



Hydraulic pump fix on the transfer box:

Air cooled system with electric motor 12 volts & thermostatic sensor set at 85°C to disengage the hydraulic motors

HOSE REELS



HP Hose reel swivel to 90° with maximal capacity 100m
This reel is hydraulically driven with distributor - 3 positions: Reel in , Reel out & Free. Distributor with speed regulator from 0 to 20 TR/MN
One water filling hose reel, manually operated, fitted to the back of the vehicle on right side with 25m of pipe DN 19 with axial supply by swivel

Rear Hose Reel fitted on Stock Units as Standard

STORAGE

2 aluminium hose supports on both sides of the tank
2 aluminium tools box on the both sides of the tank

One 8-channel radio remote control to continue action

Transmitter and remote control in a sealed housing.

Functions:

- Start / Stop HP Pump
- Start / Stop Vacuum pump
- Acceleration, deceleration
- Emergency stop

ACCESSORIES

60m of HP hose ½" with 2 steel braids

25m of pipe DN19 with connection

Ladder with stowage support

One work light + One beacon (strobe lights)

2 nozzles ½" with storage

Suction hose 3 X 4m in DN 50 with suction pipe

Reversing Alarm

One Rear-view camera with colour screen

END OF BASE SPECIFICATION FEATURE OVERVIEW SUMMARY

10) OPTIONS:

Optional extra CameraWhale TV Kit - Whale Part No 159040

Tick Box if Required



CameraWhale TV Kit: 2325GB Camera plus SD memory card plus wheel skid unit

END OF OPTION CHOICES PLUS FULL RANGE OF WHALE NOZZLES



Reliability, Service, Value ... for Life