

REDROCK



VACUUM TANKERS



VACUUM TANKERS (1100 - 4500 GALLONS)

**Designed to Perform,
Built to Last.**



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Vacuum Tankers

As with all Redrock Products, the Redrock vacuum tanker range is built to the highest quality. Rolled from 6mm plate steel, all tanks are welded both internally and externally and include 4" x 2" channel rings welded inside the tank for extra strength and a longer service life. The Redrock body, wheel arches, supports and drawbar are designed and manufactured to the most exacting standards to maintain rigidity, reliability and roadworthiness year after year.



Non recessed single axle

- 8 & 10 stud axle (400x80 brake)
- Hydraulic brakes & handbrake
- LED road lights
- HD rear valve
- 6mm rolled steel construction
- Anti-enclosure rings for durability and strength
- Four fill points
- One quick attach valve
- Hydraulic change over valve
- Three sight glasses at front



Recessed single axle

- 10 stud axle High speed commercial axle (420x180 brake)
- Hydraulic brakes & handbrake
- LED road lights
- HD rear valve
- 6mm rolled steel construction
- Anti-enclosure rings for durability and strength
- Four fill points
- One quick attach valve
- Hydraulic change over valve
- Three sight glasses at front



Tanden or Tri axle

- 10 stud axle High speed commercial axles (420x180 brake)
- Hydraulic brakes & handbrake
- LED road lights
- HD rear valve
- 6mm rolled steel construction
- Anti-enclosure rings for durability and strength
- Four fill points
- One quick attach valve
- Hydraulic change over valve
- Three sight glasses at front

Tank Structure

All Redrock Vacuum tankers are made from 6mm high quality rolled steel, welded internally and externally and fitted with anti enclosure rings to ensure the strains exerted on the tank are limited. All Redrock vacuum tanker drawbars are made full length and attached in front of the axle/axles so the tank is pulled from the fixing point of the running gear reducing stress on the tank.

Redrock vacuum tanks are shot blasted clean prior to the painting process, whereby a high quality primer and top coat finish is applied. Alternatively Vacuum Tankers can be galvanised up to and including 3000 gallons.

All tanks are fitted with hose hooks on both sides. Three sight glasses are fitted to the front of tanks and one sight glass fitted at rear. Redrock vacuum tankers are fitted with Jurrop vacuum pumps as standard. The spreading and suction controls are operated hydraulically. All tanks are fitted with anti implosion valves and pressure relief valves for safety.



Hydraulic Change over



Quick Attach Hose Fitting



Commercial Axles
420x180 Brakes

Tyre Option	Tyre height	Tyre Width	1100 (4950 ltrs)	1300 (5850 ltrs)	1600 (7200 ltrs)	1800 (8100 ltrs)	2050 (9225 ltrs)	2250 (10125 ltrs)	2500 (11250 ltrs)	3000 (13500 ltrs)
550/60x22.5	1.23	0.55	280/250	293/250	295/250	3.13/2.55	3.15/2.55	3.18/2.55	3.26/2.55	3.46/2.55
600/55x26.5	1.27	0.6	261/255	275/255	277/255	2.95/2.55	2.97/2.55	3.00/2.55	3.13/2.55	3.13/2.55
710/45x26.5	1.35	0.71		279/265	280/265	2.96/2.65	2.98/2.65			
21.3x24	1.4	0.54	268/250							
23.1x26	1.6	0.59		291/245	294/245	3.12/2.45	3.14/2.45			
28.1x26	1.74	0.75			3.00/2.60	3.16/2.60	3.18/2.60	3.20/2.60		
30.5x32	1.82	0.78			3.06/2.63	3.23/2.63	3.25/2.63	3.27/2.65	3.35/2.63	3.56/2.63

(Height/Width)

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Tyre Options



550/60 x 22.5 BKT
Width - 550 (21")
Diameter - 1230 (48.5")



600/55 x 26.5 Trelleborg
Width - 600 (23")
Diameter - 1330 (52.5")



710/50 x 26.5 Trelleborg
Width - 710 (28")
Diameter - 1370 (54")



560/60 x 22.5 Roadmax
Width - 560 (21.5")
Diameter - 1230 (48.5")



650/55 x 26.5 BKT Radial
Width - 650 (25")
Diameter - 1400 (55")



710/50 x 26.5 BKT Radial
Width - 710 (28.5")
Diameter - 1400 (55")



21.3 x 24 Russian
Width - 540 (21")
Diameter - 1400 (55")



23.1 x 26 Russian
Width - 590 (23")
Diameter - 1600 (63")



28.1 x 26 Russian
Width - 740 (29")
Diameter - 1780 (70")



30.5 x 32 Russian
Width - 760 (30")
Diameter - 1830 (72")



30.5 x R32 Alliance
Width - 760 (30")
Diameter - 1830 (72")



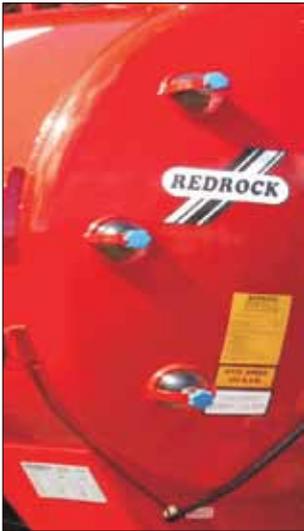
900/60 R32 BKT AMAX
Width - 900 (36")
Diameter - 1890 (75")

Other brands of tyres are available on request

NB: Always maintain the correct tyre pressure to lengthen the resistance and lifetime of the tyres

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Optional Extras



Three Sight Glasses

100mm (4") Sight Tube

The option of the 100mm sight tube can be chosen to give the operator a more accurate level in the tanker.

An example of this would be when using the Trailing Shoe system or Dribble Bar, the operator will be able to keep an eye on the slurry flowing out off the tanker.



100mm Sight Tube

Self Fill Booms

The Self Fill boom is a hydraulic operated arm to fill the slurry tank without leaving the cab of the tractor. Sucking the slurry through a funnel that has been connected to the slurry pit. This is operated through the hydraulic pipe work of the vacuum pump changeover. So no extra spool valve is needed to operate. Turbo Filler may be added to the Self Fill Boom or alternatively fitted to a fill point in order to speed up the filling process. The turbo Filler is fitted with a propeller which makes the slurry move much quicker.



150mm (6") Self Fill Boom



200mm (8") Self Fill Boom



Vogel Sang Turbo Filler



Transfer Boom System

The Boom can be rotated through 275°, so the boom can unload on either side of the slurry tank. This is ideal for filling a field tanker over the ditch through the hydraulic top fill hatch. Redrock top fill hatches have a unique locking system.



Tanker with transfer system



Top Fill Hatch

Optional Extras



Hydraulic Raingun



Sludgigator pump



DCI Umbilical Arm



L27 Doda Pump



Hydraulic Drive Vacuum Pump



Air/Hydraulic Brake System

Air Brakes - Air/Hydraulic Brakes.

The main advantage of an Air braking system is a combination of a smooth braking effect and high power. With air brakes there is also the brake failsafe were by if the tank disconnects from the tractor the brakes will be applied. The combination of both Air & Hydraulic brakes can be useful if the tanker is towed by different tractors fitted with either air or hydraulic brakes.

Free Steering Axles

The free steering axle is available on all tandem sprung axle vacuum tankers. The steering axle follows the direction determined by the tractor. The oscillation range is approx 15° on each side of the front wheel. When towed on the road or when the tank is reversed a hydraulic locking devices aligns the running gear with the front axle and make it safe to use.



Optional Extras

Dribble Bar System



Trailing Shoe System



The Trailing Shoe delivers a controlled volume of slurry straight to the root of the grass without waste or environmental contamination. The injection moulded rubber distribution boot is flexible and long lasting. The Dribble Bar and Trailing Shoe systems both use the Vogel Sang Exa-Cut Macerator to distribute the slurry manure.

DownHill Spreading System

When spreading slurry on sloping ground this system makes sure vacuum tanker is emptied completely.



Stepped Axle

Reduces overall height improving stability

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1100 Gallon on 21.3 x R24 wheels



1300 Gallon on 23.1 x R26 Wheels



1600 Gallon on 28.1 x 26 wheels



2050 Gallon on 30.5 x 32 wheels



2500 Gallon on 550/60 x 22.5's



3000 Gallon on 900/65 x 32 BKT's



2500 Gallon on 650/55 x 26.5's



3500 Gallon on 710/50 X 26.5's

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Due to our policy of continuous improvement Redrock reserve the right to alter the specification displayed on this brochure.

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