

REDROCK

MANURE TANKERS



MANURE TANKERS (1100 - 8330 UK GAL)
(1320 - 10000 US GAL)

Designed to Perform,
Built to Last.



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Manure Tankers

The Redrock manure tanker range is built to the highest quality.

Rolled from 6mm plate steel, all tanks are welded both internally and externally and include 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.



Recessed single 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



Tandem axle

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



Tri axle

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

Tank Structure

All Redrock Manure 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 manure 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 manure tanks are shot blasted clean prior to the painting process, whereby a high quality primer and top coat finish is applied. Alternatively Manure Tankers can be galvanised.

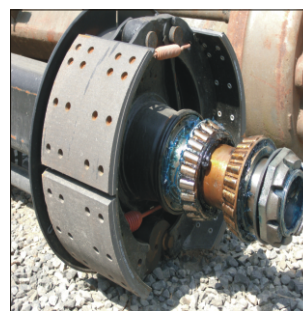
All tanks are fitted with hose hooks on both sides. Three sight glasses are fitted to the front of tanks and one sight glass fitted at rear. Redrock manure tankers are fitted with Jurrop vacuum pumps as standard. The spreading and suction controls are operated hydraulically. All tanks are fitted with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



Hydraulic Change over



Quick Attach Hose Fitting



Commercial Axles
420x180 Brakes

Coiled Spring Sprung Drawbar reduces shock and stress onto both tractor and tanker providing smoother travel and more in cab comfort for operator. **Hydraulic Suspended Drawbars** are also available

Redrock Tandem and Tri Axle Manure Tankers are fitted with robust Multi-leaf ADR springs which allow greater stability and comfort. Hydraulic and Air suspension options are also available.

150mm Square Beam Commercial Axles with **420x180 brakes** come as standard also, giving increased braking efficiency.

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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")



750/60 X 30.5 BKT Radial
Width - 750 (29.5")
Diameter - 1675 (66")



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



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



800/65 x 32 MRL
Width - 760 (30")
Diameter - 1830 (72")



800/65 x R32 Alliance
Width - 760 (30")
Diameter - 1830 (72")

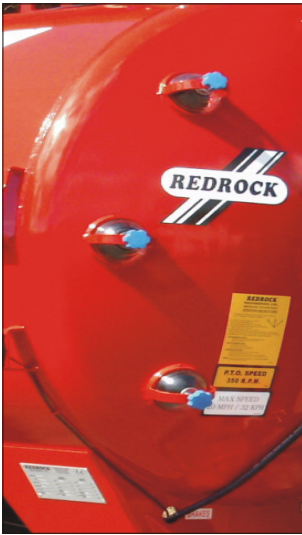


900/60 R32 BKT AMAX
Width - 900 (36")
Diameter - 1890 (75")

Other brands & sizes of tyre's are available on request

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

Options

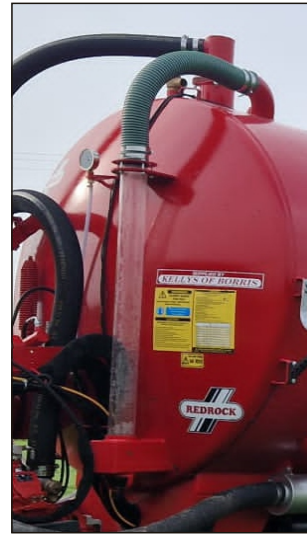


Three Sight Glasses

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 manure tank without leaving the cab of the tractor. Sucking the manure 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 will reduce filling times by up to 35%.



150mm (6") Self Fill Boom



200mm (8") Double Joint Boom



Vogelsang Turbo Filler

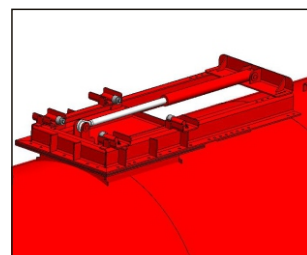


Transfer Boom System

The Boom can be rotated through 275°, so the boom can unload on either side of the manure 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. Sliding top fill hatch also available.



Tanker with transfer system

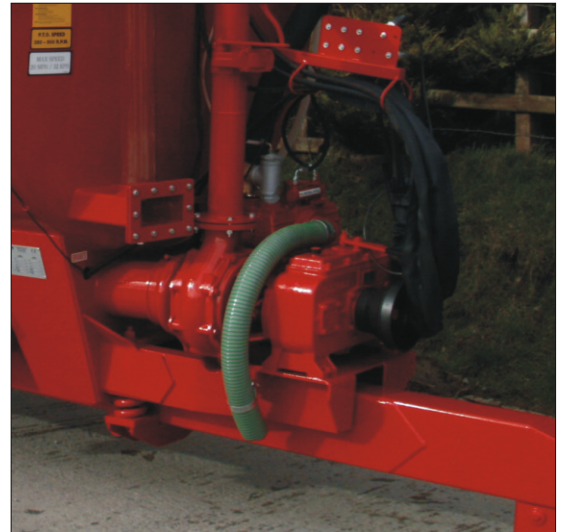


Sliding Top Fill Hatch

Options



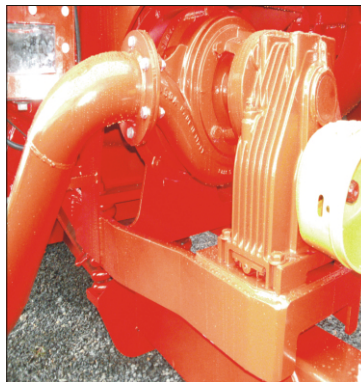
Hydraulic Raingun



Sludgator pump



DCI Umbilical Arm



Centrifugal 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 & Tri axle manure 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.

Command Steering is also available.



Options

Dribble Bar System



Trailing Shoe System



The Trailing Shoe delivers a controlled volume of manure 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 Vogelsang Exa-Cut Macerator to distribute the slurry/manure. Available from 7.5m (24'7") to 28m (91'10")

Rubber Cone Interface System

Cone used in conjunction with Claas Xerion slurry Spreader etc to empty transport manure tanker with boom.



Stepped Axle

Reduces overall height improving stability

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6000 UK Gal (7200 US Gal) Tri Axle Manure Tanker on 750/60 x 30.5 Wheels



2500 UK Gal (3000 US Gal) on 800/65 x 32's



3000 UK Gal (3600 US Gal) on 710/50 x 26.5's



4000 UK Gal (4800 US Gal) on 710/50 x 26.5's



6000 UK Gal (7200 US Gal) Lorry Tank



Designed to perform, Built to last.

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

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