



CLAYTON VALLELY

PART OF THE RTN TANKER GROUP



Shaping the future:
in liquid movability



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RTN Clayton Vallely - *Specialist Tanker Manufacturer*

RTN Clayton Vallely specialise in the manufacture of specialist tankers for the environmental, food and chemical industry. We specialise in trailer and rigid mounted vehicles for many applications always with the purpose of maximising capacity and performance.



Tankers Built To Last

RTN Clayton Vallely provide solutions in powerful, high-volume, high performance combination units and vacuum tankers for many applications. We have always maintained an equal focus on environmental issues and legislation by offering all tankers with full approval and certification when built to the Pressure Equipment Directive or to full ADR specification.

Our vessels can be constructed in stainless steel, nickel and nickel alloys, aluminum alloys, carbon steels, which can be lined in rubber, vinyl ester resins, fluoro polymers and sprayed metal.

Our designs include cylindrical, stepped cylindrical, double conical, maximum or elliptical sections, as well as full-framed I.S.O. and demountable tanks. All aspects of fabrication requirements for the manufacture of these vessels are carried out on our site, thereby ensuring total control over quality and production. We have capacity for up to 7,000 mm. continuous automatic welding by keyhole plasma and T.I.G. processes and by combining this with 5.5 metres long powered rolls, are able to construct vessels with the minimum amount of seams.

Working in partnership with many blue chip companies and Hauliers, we have developed solutions and always exceed the statutory requirements. RTN Clayton Vallely never stand still, we naturally embrace all the traditional methods but purposefully move to ensuring our vehicles reflect the advances in technology.





Bitumen Tankers

The bitumen tanker has to be able to withstand temperatures up to 250°C and provide the operator with a safe working environment. Safety features unique to this type of vehicle include an emergency shower unit providing a water flow to douse the operator if he is splashed with hot product. All vehicles offer full ground level operation with vapour recovery and brake interlocks which are disabled when the vehicle is moving.



Chemical Tankers

These tankers are specifically designed to carry one product, it may be to maximise payload, in the case of high or low specific gravity products. These designs are unique, demanding specialist skills in design and manufacture. These designs are also available in double conical and stepped tank types.



Food Tankers

Working to very exacting standards to ensure the highest standard of internal finish, these tank types are designed to transport a full range of edible products, including oils, chocolate, beer, whisky, milk, etc. Full C I P is fitted and air filtration is a standard feature. Central sequential locking is an option fitted to offer maximum security of product. Temperature control is fitted where necessary to ensure the complete integrity of the product.



General Purpose Tankers

These trailers are the most versatile road tankers available, offering pump, pressure and gravity discharge, and are the 'workhorse' of the industry. With a product list in excess of 2,000, the straight cylindrical design offers the lowest possible tare weight, therefore maximising payload, it is the most efficient tanker available and improving operational profitability, whilst complying with the strictest pressure vessel and automotive legislation.



Lined Tankers

These tankers are mostly designed for the chlor-alkali industry and can be lined in natural and synthetic rubbers and also glass and fluoropolymer lined.



Specialist Tankers

Whilst the majority of our manufacturing output is on conventional tankers, we also construct unconventional products to meet unusual requirements. We frequently work closely with our customers to provide development tankers which often are 'cutting edge' designs setting the future benchmark for our industry, whilst providing solutions for very specific needs.



Service Department:

RTN Clayton Vallely have a fleet of service vans and highly skilled engineers, covering the whole of the UK, Ireland and into mainland Europe.

Our engineers are fully trained to deal with any scenario and will be able to repair, replace parts and diagnose any faults.

RTN Clayton Vallely are also able to provide regular maintenance with interim maintenance agreements and can also perform annual tank tests with certificates of conformity.

Vacuum Tankers

We are able to offer a comprehensive range of vacuum tankers mounted on rigid chassis or on other applications. Among the options are a choice of tank materials to suit your application, from mild and stainless steel to aluminium. Our vacuum tanks are designed to meet the needs and requirements of our customers meaning tank capacities can range from 2,000 to 19,000 litres.

The vehicles are fully customizable with a number of options available:

- Multi stage front tipping ram
- Rear opening door with hydraulic locks
- Wash down water compartment with jetting system
- Built to PED or ADR regulations
- Choice of vacuum pumps including liquid rings
- User friendly controls with easy access ladders and walkways
- Equipment mounted on any chassis from 4.5 tonnes up to 32 tonnes.

RTN Clayton Vallely is also pleased to introduce a range of new lightweight vacuum tankers specifically designed for lower capacity chassis. These new lightweight tanks help to maximise the carrying capacity of these vehicles while also lowering the unladen weight of the vehicle which in turn will reduce running costs and improve fuel consumption.



RCV Ultralight Aluminium Vacuum Trailer P.E.D

The RCV ultralight is a 32,000 lt aluminium light weight trailer designed to carry maximum payload of none hazardous materials. The lightweight material and tank construction allows for an increased payload without compromise on longevity or reliability. There are many engine drive, brake and pump options available on the RCV ultralight. Our standard recommended set up offers the lightest gross trailer weight at just 5600KG.



RCV Ultralast 30,000lt stainless steel vacuum trailer P.E.D and ADR

Designed with top hat ring sections to maximise construction strength, our use of 304 or 316 stainless steel increases the scope of materials which can be carried over the ultralight and also lengthens the lifespan of the trailer. The RCV ultralast is available with many options such as, pump sizes, performance and full ADR specification for hazardous waste.



RCV Ultra Max Combination Units

The RCV ultra max combination units are based on a successful design which has been tried and tested for 20 plus years but has evolved to suit our customers ever growing demand for more performance but still maintaining a compact, easy to operate and reliable design. The RCV combination units start from 7.5 tonne to 32 tonne and are available from 300 cfm to 7,000 cfm vacuum capability and jetting from 9 gpm to 150 gpm depending on the size of the vehicle.

Available options can include:

- 300 degree full hydraulic rotating boom
- 15 metre full hydraulic cassette boom
- Full hydraulic main and auxiliary reels with capacity of hose up to 250 metres
- Tank Tipping facility and full opening rear door.

All our RCV combination units are manufactured from stainless steel including pipework and auxiliaries where possible to ensure longevity and the possibility if required of a further lifespan when remounted on to a new chassis when the existing chassis has had enough.



RCV Ultra clean recycling units

An RCV ultra clean unit with the added benefit of continuous water recycling to reduce the amount of time spent loading with fresh jetting water, the RCV ultra clean is available in various flow and pressure ratings to suit requirements with a choice of vacuum pumps, liquid ring pumps or vacuum blowers ranging from 50 gpm to 110 gpm jetting and 1000 cfm to 4000 cfm air flow with 95% vacuum.



RCV Ultra Vac Tankers

Our standard vacuum tanker designed for maximum payload and performance for suction loading and pressure discharging. Available with many pump sizes and types, standard equipment includes top man lid and ladder walkway, full hydraulic opening rear door, stainless steel constructed tank in 304 or 316. Full stainless steel hose trays and lockers. Capacities available from 800 gallon to 4200 gallon.



RCV Ultra Vac Tanker with Wash-Down

The RCV ultra vac is also available complete with wash-down facility, we create a clean water compartment within the main tank to supply a small wash-down jetting pump. The jetting pump supplies a full hydraulic 1/2" hose reel mounted at the rear of the vehicle, various sizes and capacities of hose available to suit the jetting pump size. Flow rates and pressure from 8 gpm to 30 gpm and 150 bar to 400 bar.



RCV Ultra Gully

An 18 tonne combination unit, purpose built for cleaning roadside gullies utilising a manually operated top boom arm conveniently located on the nearside of the truck. Supplied with a wash-down jetting system to assist with heavily silted or blocked gullies, the high pressure water is also usable through a hose reel and jetting nozzle configuration for drain unblocking and cleaning if required. Options on pump specification and waste and water capacities are available.

Remount & Refurbishment

RTN Clayton Vallely offer a full refurbishment or remounting of any road tanker where the project is financially viable for the customer.



From remounting a rigid tanker on to a new chassis cab, refurbishing or replacing operational equipment and repainting to replacing a full set of trailer running gear anything is achievable. We can modify your existing vehicle to suit contract requirements if they change with pump upgrades for a change in the product to be carried or just performance, we also offer ADR tank testing and re certification for a change of use, call us for more information and to discuss your needs and requirements.



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