

## Introducing the Tipping Triaxle – Bulk liquid tanker

The VTS tipping rear door triaxle is currently finished and ready for immediate delivery. This recent addition to the Vacuum Truck Supplies range of products is designed for carrying bulk waste even in the harshest of environments. It is heavy duty with an 85kW Cummins diesel engine driving a 620 CFM (60% vac) rotary vane vacuum pump. The entire system is self-sufficient and doesn't require any power from the prime mover to drive it, tip it or open the rear door.



The trailer is designed to legally carry 22,000Lt. It has been designed to easily reposition the barrel on the trailer to accommodate for different rear axle payloads, either 20 tonne or 22.5 tonne depending on the state in which the trailer is being used. The trailer is equipped with 500 litres of water capacity for wash-down purposes. If you need to run it in a road train, it's just a matter of bolting on a tow coupling and the trailer is right to go, it has been designed to work in series with another trailer with no extra modifications, all the compliance work is done too.

The trailer is running three Fuwa axles, disc brakes and an air suspension system. As this trailer is a new design, due to the Australia standards changing recently it is equip with EBS system as standard. EBS is a stability control system this is designed to limit rollover situations. The front axle automatically lifts when carry no load. It will also automatically lower when required. This has a huge saving on tyre wear and axle bearings. Alloy wheels are also a standard item with all trailers having a professional wheel alignment before leaving our factory.

The trailer is fitted with Australian supplied LED lighting looms. The loom has output if the trailer is to be used in a road train configuration. At the rear of the trailer it is fitted with a flashing beacon and two work lights which can be switched by the control box.

The vacuum tanker is fitted with many hydraulic options all driven by the Cummins engine. The tanker has a rear opening door fitted with nine hydraulic door locks to securely lock it whilst carrying a full load. It is fitted with an over centre and sequence valve to allow the door to unlocked and opened via the one hydraulic lever. The vacuum barrel is fitted with dual underbody hoists to raise and lower the barrel when emptying a load. The rear door and hoist also have an air operated mechanical safety fitted. The hydraulics also drive the vacuum pump and the 3500 psi water pump which is fitted with a 15m hose reel and lance.



Other components include a toolbox and hose trays. The vacuum barrel is also fitted with rollover protection on the top of the tanker, this protects the three top manways and primary shut off. Access to this is via a ladder and an automated handrail. All the usual shut off protection and valves are included such as a secondary shut off, a final filter fitted with two filters can be easily access on the right hand side, as well as an oil catch muffler to prevent the oil used as lubrication for the vacuum pump from entering the atmosphere with the air.

This unit can be purchased off the shelf as they are currently in stock ready to go within the week, pending prior sale. The tipping trailer starts from **\$260K + GST**. Give us a call for further details and a full list of the specifications on (03) 5775 7300.