



TIEMAN ALUMINIUM TANKER

Built to outlast any competition



Picture shows a 7 compartment , 40,000 ltr (39,000ltr safe fill capacity) on quad-axles with full ABS , aluminium hub & rim. Tank Length = 11.83 m , Overall Height 3,520 +/- 50 mm Tare weight 6,800kg (+/- 3%) .Delivered to Esso June 2001.



Semi-elliptical maximises the cross section, lowered center of gravity, increases volume & shorter barrel length .



Continuous piping (without weld joint) reduces risk of cracks.



1,000mm wide FLAT cat-walk
Concealed wiring & hoses in the continuous-extruded coaming
All components are lower than roll-over coaming

Above information for illustration purposes only, kindly re-confirm with Zenith's Sales or Engineering personnel for detail specification.

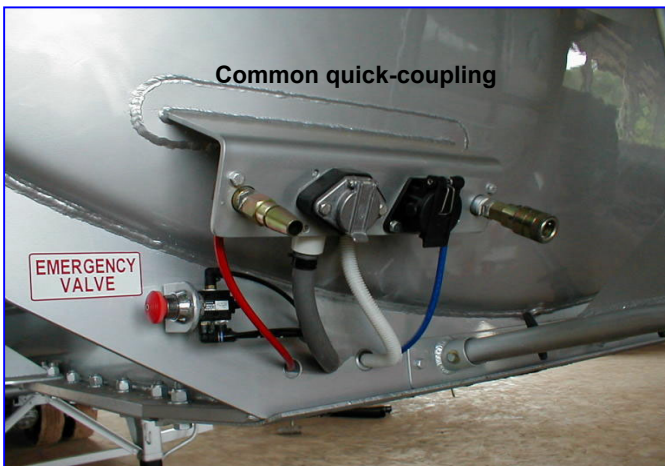
ZENITH



Detachable ladder

Safety cat-ladder with continuous grab-rail and wide-spread checker-plate rung.

Available in detachable or permanent mount.



Common quick-coupling

EMERGENCY VALVE



Safety break-away palm coupling

EMERGENCY VALVE

Choice of Quick coupling or safety Break-away palm-coupling

Note : It is common in Asia & Malaysia to use normal quick coupling , but it is recommended for safety reason to fit the break-away palm coupling .

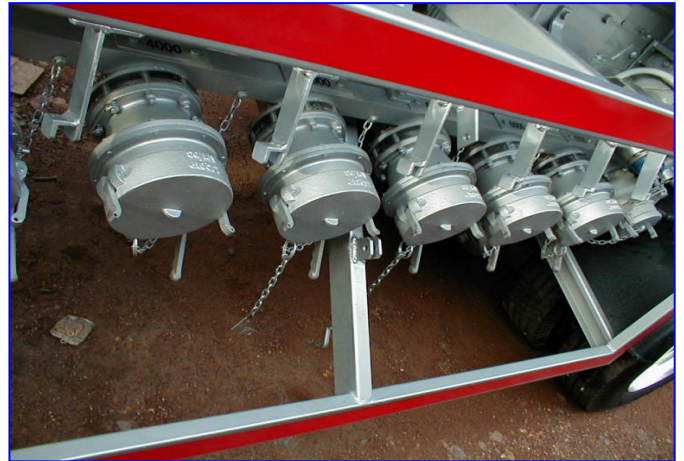


Water-tight junction boxes for sensitive electronics sensing system. All underbelly wirings are protected by flexible conduits and secured by cable ties to brackets.



Guard-rails & Brake inter-lock bars.

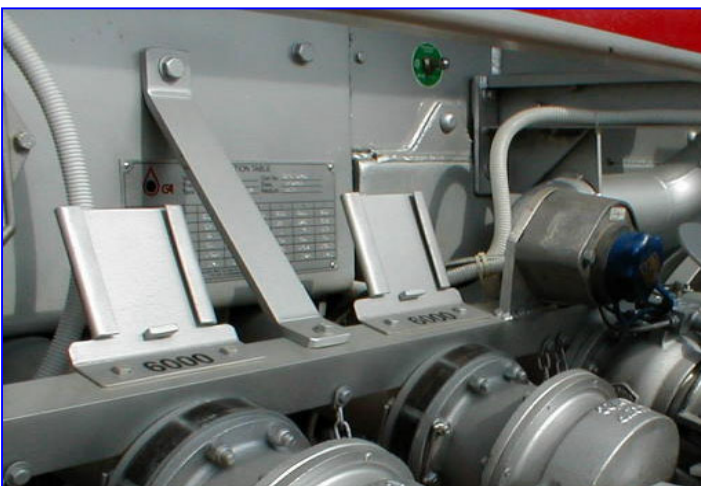
Ground clearance depends on local legal requirements. Recommended clearance is between 400mm to 600mm above ground.



Air-interlock valve shuts off the systems when the lock-bar is not lifted. Design of lock-bar prevents latch-release and rotation of dust-caps and operation of API levers.



Lockable Control box fitted with auto-cut off roller-valve. Air system independent of all other services.



Sliding product-indicator as commonly found in Malaysia and Asian Petroleum tankers .



Optional Product Retain & Seal Parcel system



Drain-off for hose box



Anti-static > 32 mm diameter INOX cable
(Applicable for Exxon tank only)



Tool Box & Pylon cone stowage



vapour-proof work lamp & durable LED side-markers and aluminium conduit reduces damage of wires cause by stones & gravels .



Optional sealed vapour-proof modular LED rear / stop & direction indicator lamps & incandescent reversing lamp, with inbuilt Reflex reflector . Low current consumption.



Safety Harness for securing on wire-ropes on both sides of the coaming.



Wire-rope for safety harness on 2 sides of the cat-walk