

Liquid Transport Tanks - Horizontal



From 240 to
10,000 Litres

Transportable tanks for water or waste

If you need to safely transport liquids or provide a waste transfer station at events, these horizontally-mounted, **Liquid Transport Tanks** are an ideal solution.

Used to store or transport potable and non-potable water or slurry, these tanks are commonly available in **240, 500, 1500, 3000, 5000, 6000, 8000 and 10,000 litre capacities**.

They are configurable with a range of options, which might include an external pump / equipment mounting plate and tank fittings for hoses, filling and draining.

Just some of the applications will include emergency back-up drinking water supply, temporary water supply at festivals or the storage of toilet effluent until it can be disposed of at the treatment works...and much more.

WARNINGS

- Increased wall thickness as standard for liquids up to a specific gravity (SG) of 1.5 (e.g. effluent)
- Delivery on a 44 foot lorry or truck & trailer
- It is the customer's responsibility to offload
- A HIAB truck may be required for delivery

Options overleaf

Technical Advantages

- Heavy weight material
- WRAS-approval, if required
- Pin mounting system for secure fixing
- Built-in lifting points (empty only)
- Flat base for stability
- Available for potable water, fresh water, toilet waste, liquid fertiliser, molasses etc.

Applications

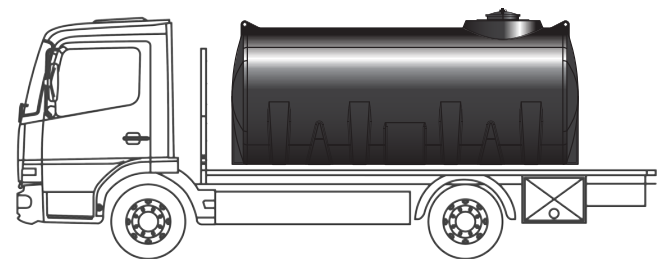
Liquid transport:

- Transport of liquids up to to a specific gravity (SG) of 1.5

Static storage:

- Bulk storage for water/ waste (e.g. toilet, sink, shower and catering waste)
- Storage at waste carriers' premises

For the transport of liquids, these tanks come fitted with inbuilt pin mounting points to fasten to your vehicle or to a support frame. Use baffle balls for added driving safety.



(10,000 Litre Tank depicted)



Sizes are approximate

(10,000 Litre Tank depicted)

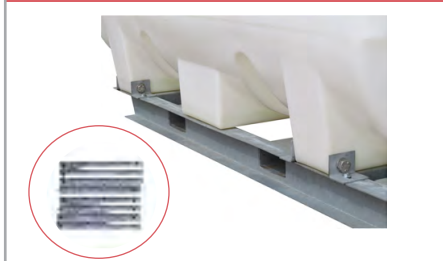
Liquid Transport Tanks - Accessories Overview

Once you have selected your ideal “base” tank, it can be configured to your exact requirements with a range of options.

01. Tank Frames



02. Tank Mounting



03. Tank Emptying & Linking



01. Our tank frames are available in two formats (a) to support and secure the tank alone or (b) with a pump plate on which additional equipment can be mounted.
02. Tank sizes from 500 litres upwards include a unique pin mounting feature. Longitudinal columns are moulded through the tank legs to accept our mounting pins (or your own bolts) and dispense with the need for straps.
03. Drain and ball valve assemblies fitted to the base of the tank at the front and/or rear enable you to (a) empty the contents via tanker vehicle, (b) connect the tank to a pump or other equipment or (c) link the tank to other tanks (eg. for bulk water storage). A range of diameters and fittings are available to suit your particular application and/or the fittings used by your preferred waste carrier.

A. Baffle Balls



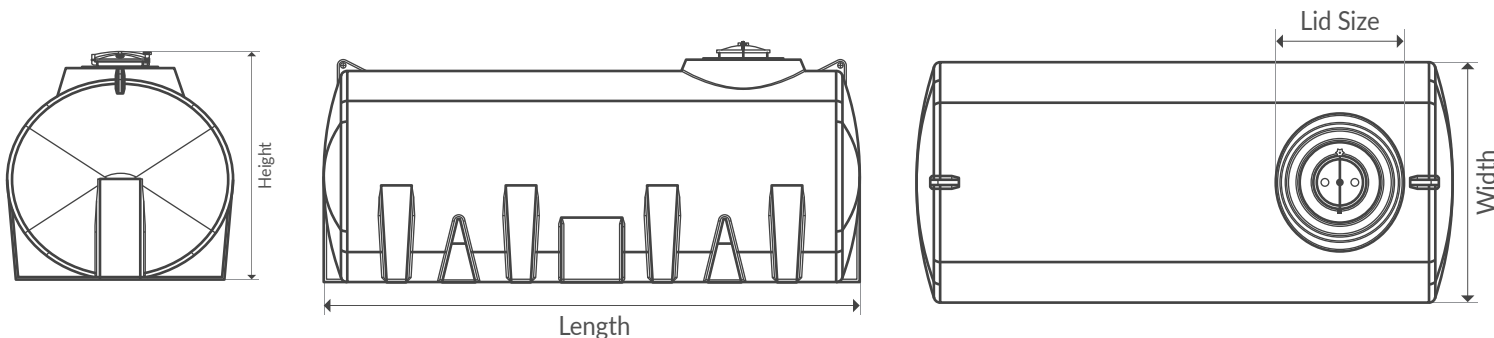
B. Tank Connectors & Fittings



C. Tank Colours



- A. To improve vehicle stability, baffle balls are recommended when moving liquids on the open road or on uneven ground.
- B. As there is no “standard” application, bulkhead fittings and tank connectors can be positioned at agreed points around the tank. We will submit a CAD drawing showing the positioning for your approval before customising your tank.
- C. Standard stock colours are black and natural. Blue and boat green are also available to order, with a modest price uplift.



Liquid Transport Tanks - Applications (some of many)



Water & Liquid Fertiliser

5000 litre unit for use as a watering tank on a farm.

The tank was equipped with a $\frac{3}{4}$ " ball cock and float to allow it to be filled overnight from a tap, so that it would be ready for use every morning.

A 4" drain valve and 4" pipework were also supplied in order for livestock water troughs to be filled quickly.

Dust Suppression

10,000 litre unit for use as a dust suppression tank.

The tank was equipped with baffle balls, a sight gauge and pipework connecting to a pump and spray arm assembly to keep dust from a major construction site drifting over houses and roads.

Baffle balls were provided as the vehicle would fill up with water away from the application site before travelling at speed on the public highway.



Toilet Waste Tank

10,000 litre unit for use in the portable toilet industry.

The tank was fitted with a 2" petrol-powered "trash" pump mounted on a pump plate and a series of tank connectors and pipework so that the tank could be both emptied and filled with one pump.

Typically in use at large scale weekend events where local sewage treatment plants were closed: it was more effective to keep the waste on site until the event concluded.



Contact us for more information

Liquid Transport Tanks - Technical Data

Volume Litres (Gallons)	Length (mm)	Width (mm)	Height (mm)	Dry weight (Kgs) / SG	Applications What Liquids?	WRAS Approved	Outlet	SKU / Stock Code	Standard colour
240 (53)	925	710	510	20	Potable Water Non-Potable Water Rainwater	YES	Note 5	AGST-H-240	Black / Natural
500 (110)	1190	1050	530	25	Toilet Waste Slurry	YES	Note 5	AGST-H-500	Black / Natural
1500 (330)	1920	1170	820	75	Potable Water Non-Potable Water Rainwater	YES	Note 6	AGST-H-1500	Black / Natural
3000 (660)	2500	1700	1090	150	Toilet Waste Slurry	YES	Note 6	AGST-H-3000	Black / Natural
5000 (1101)	2500	1700	1690	250	Potable Water Non-Potable Water Rainwater	YES	Note 6	AGST-H-5000	Black / Natural
6000 (1322)	3200	1850	1550	300	Toilet Waste Slurry	YES	Note 6	AGST-H-6000	Black / Natural
8000 (1762)	3200	1850	2000	400	Potable Water Non-Potable Water Rainwater	YES	Note 6	AGST-H-8000	Black / Natural
10,000 (2203)	4200	1900	1800	550	Toilet Waste Slurry	YES	Note 6	AGST-H-10000	Black / Natural

NOTES:

(1) Dimensions	Tank dimensions may vary by +/- 3%. Tanks may expand and contract owing to temperature fluctuations.
(2) SG - Specific Gravity	These tanks are manufactured in heavy gauge plastic (SG1.5) material to handle liquids up to and including slurry. Note: Water has a Specific Gravity (SG) of 1. Slurry / toilet waste has an SG closer to 1.5.
(3) Colours	Standard, stock colour is black. Natural / off white is available at the same price (as black) but is generally made to order. Dark green or blue tanks are available at a price uplift of typically 10-15%. Longer lead-times will apply. For WRAS-applications we will always fit a non-vented tank lid to comply with the relevant regulations.
(4) Pricing	On account of ongoing price fluctuations of plastic raw material, these prices should be treated as an indication only.
(5) Outlet	The 240 litre and 500 litre tanks are complete with a 1.5" outlet (supplied, not fitted).
(6) Outlet	The larger tanks (1500 - 10,000 litres) are complete with a 2" outlet and siphon (supplied, not fitted).
Delivery	Standard delivery is "kerbside" only - the customer will need to provide suitable offloading equipment. Larger tanks are equipped with lifting eyes for empty lifting only: suitable straps / lifting eyelets will be required. Timed, FORS and HIAB deliveries are available at extra cost. The driver is not qualified to advise on, or install the product. All printed prices are ex-works + delivery + VAT. "Slurry" tanks are POA only.

We reserve the right to amend the technical specification to improve the product without prior notification

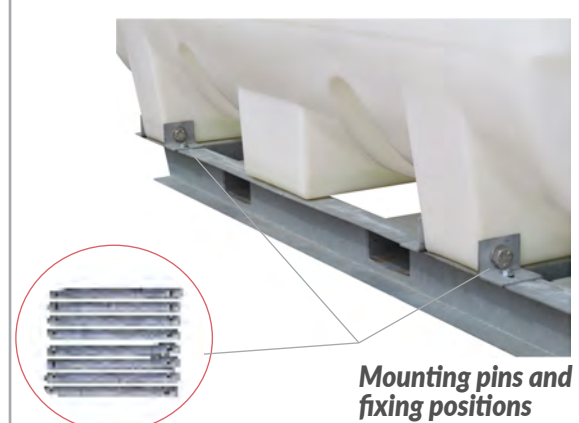
PRODUCT WARRANTY: SUBJECT TO CONDITIONS = 12 MONTHS STANDARD, UPGRADE TO 10 YEAR WARRANTY WITHIN 21 DAYS OF SUPPLY

Liquid Transport Tanks - Detailed Accessories (1 of 2)

01. Horizontal Tank Frames



02. Pin mounting system



To help you securely fix your **Liquid Transport Tank** to a vehicle or trailer (etc.) tank sizes from 500 litres upwards include a unique pin mounting feature. Horizontal, longitudinal columns are moulded through the legs of the tanks to accept our mounting pins (or your own bolts), which enable the tank to be mounted to a vehicle, trailer frame or our own, optional frames (see below) without the need for straps. For further stability measures, please see details on Baffle Balls.

Our frames are available in two formats (1) to support and secure the tank alone or (2) with a **pump plate** on which additional equipment can be mounted. e.g. a water pump; pressure washer; dosing pump, spayer pump, AdBlue pump etc. For clarity, the frames are **only rated to lift the tank(s) when empty**, without contents.

01. Horizontal Tank Frames	Typical Dimensions (mm)	SKU / Stock Code
Frame only for 500 L tank	1800 L x 965 W	AGST-FRAME-05
Frame only for 1500 L tank	2420 L x 1052 W	AGST-FRAME-06
Frame only for 3000 L & 5000 L tanks	3041 L x 1620 W	AGST-FRAME-01
Frame only for 6000 L & 8000 L tanks	3940 L x 1660 W	AGST-FRAME-07
Frame only for 10,000 L tank	4780 L x 1760 W	AGST-FRAME-03
Frame and pump plate for 500 L tank	1800 L x 965 W (frame) + 605 L (plate)	AGST-FRAME-PUMP-01
Frame and pump plate for 1500 L tank	2420 L x 1052 W (frame) + 770 L (plate)	AGST-FRAME-PUMP-02
Frame and pump plate for 3000 L & 5000 L tanks	3041 L x 1620 W (frame) + 910 L (plate)	AGST-FRAME-PUMP-03
Frame and pump plate for 6000 L & 8000 L tanks	3940 L x 1660 W (frame) + 915 L (plate)	AGST-FRAME-PUMP-04
Frame and pump plate for 10,000 L tank	4780 L x 1760 W (frame) + 1060 L (plate)	AGST-FRAME-PUMP-05

02. Horizontal Tank Mounting Pins	Details	SKU / Stock Code
Set of 4 mounting pins	for 500 L tank	MOUNTING-PINS-198605-4
Set of 4 mounting pins	for 1500 L tank	MOUNTING-PINS-198615-4
Set of 6 mounting pins	for 3000 L & 5000 L tanks	MOUNTING-PINS-5000-6
Set of 8 mounting pins	for 6000 L & 8000 L tanks	MOUNTING-PINS-198640-8
Set of 8 mounting pins	for 10,000 L tank	MOUNTING-PINS-10000-8

All prices are + delivery + VAT

Liquid Transport Tanks - Detailed Accessories (2 of 2)

03. Tank Emptying or Draining- from base



04. Baffle Balls - for stability on the move

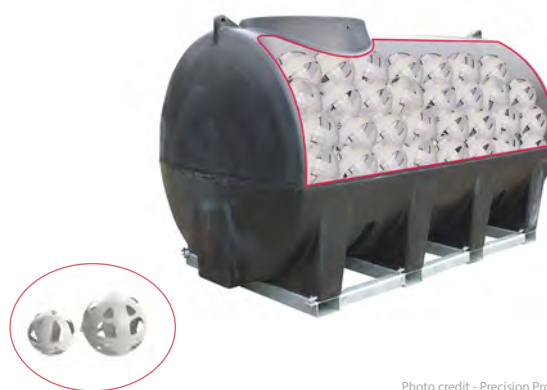


Photo credit - Precision Products Enterprises

03. Emptying or Draining via Ball Valve	Details	SKU / Stock Code
2" Ball Valve Drain Assembly	(1) bolted tank flange, (2) male-male nipple, (3) plastic ball valve with handle, (4) male BSP threaded adaptor to female camlock & (5) dust cap	AGST-DRAIN-ASSY-2-INCH
3" Ball Valve Drain Assembly		AGST-DRAIN-ASSY-3-INCH
4" Ball Valve Drain Assembly		AGST-DRAIN-ASSY-4-INCH
Allows tanks to be drained / emptied under gravity or tank contents to be evacuated by vacuum tanker. Above stock codes use BSP camlock fittings		

Drain and ball valve assemblies fitted to the base of the tank at the front and/or rear enable you to (1) empty the contents via tanker vehicle, (2) connect the tank to a pump or other equipment or (3) link the tank to other tanks (eg. for bulk water storage). A range of diameters and fittings are available (eg. BSP camlock fittings or Bauer type) to suit your particular application and/or the fittings used by your preferred waste carrier.

04. Baffle Balls	Details	SKU / Stock Code
Small Baffle Balls	Designed for Tanks < 1200L, 1 per 7 Litres of Storage	AGST-SPARE-BAFFLE-BALL-01
Small Baffle Balls (Fitted)		AGST-SPARE-BAFFLE-BALL-02
Large Baffle Balls	Designed for Tanks > 1200L, 1 per 50 Litres of Storage	AGST-SPARE-BAFFLE-BALL-03
Large Baffle Balls (Fitted)		AGST-SPARE-BAFFLE-BALL-04

Baffle balls are widely used by liquid transporters to increase stability by reducing fluid movement (also known as dynamic load shifting). When cornering or braking with liquid inside a transport tank, baffle balls work to prevent the surge of liquid from front to back and from side to side within the tank. The results are safer driving; reduced stopping distances; reduced fuel usage; and lower mechanical wear and tear on the vehicle. The clip together baffle balls create hundreds of baffle faces at multiple angles so that liquids inside the tank cannot slosh or surge at speed. They are used for road-going vehicles as well as off-road vehicles where the ground is uneven.

All prices are + delivery + VAT



Contact us for more information

Glampsan
 Merchant's Way, Aldridge,
 West Midlands, WS9 8SW.
 United Kingdom.

© This material is copyright of Plastic Solutions (Aldridge) Ltd and must not be copied, modified, distributed or reproduced in any way or form without our written permission.

Glampsan is a division of Plastic Solutions (Aldridge) Ltd.

UK Freephone: 0800 999 6010
 Int: +44 (0)1922 687545
 Email: sales@glampsan.com
 Website: www.glampsan.com