



Better Design. Better Build. Better Value.

Delivery & Installation Guide



- ✓ Preparing for your delivery
- ✓ What to expect on delivery day
- ✓ Safety requirements
- ✓ Installation and tank base preparation requirements



Australian Made
& Operated



AS/NZS 4766:2020
Rotationally Molded Buried,
Partially Buried and
Non-buried Storage Tanks
for Water and Chemicals
Certification #7662-2834-02



#5703-3065-02



Recyclable
Multi-use
Resource



Manufactured from
100% Food Grade
Polyethylene



31 Standard
Colours



UV20
Protection

Our team will contact you in the coming weeks to schedule a delivery date. Should circumstances change and you need to reschedule your delivery, please call us 1800 887 979.

Any delay in communicating your requirement to rescheduling has a heavy impact on our team, we ask that you do not delay contacting us. Failing to communicate your requirement to reschedule could result in a cancellation/re-stocking fee of up to 20% (pending circumstances).

Closer to your delivery date, we will contact you again to complete a pre-delivery questionnaire. This questionnaire will ensure seamless and safe delivery, as you and your delivery driver will be well prepared.

Preparing for Delivery

- **Review your order to ensure it is correct**

Tank colour and dimensions, fittings size, contact and address information.

- **Check there is suitable and safe site access.**

Our delivery trucks are large and require ample space for maneuvering. Please check for low-hanging branches or power lines that might obstruct the truck's path.

Our truck and trailer combination is 5m high, 3.5m wide and 19.5m long (25m turning circle required). With majority of our tank models (excluding our 50000L, 40000L, 31800L & 23600L models), we can unhitch the trailer to complete a delivery truck only, this will reduce the length to 10m, please notify our dispatch team should you require this.

- **Prepare your tank pad/s**

See adjoining page for requirements to ensure the Warranty Conditions are met.

- **If required, organise a plumber for any further works.**

We strongly suggest that any trades are organised for the day post-delivery.

- **Organise help to unload**

Our solo driver will need help to unload your tank, please ensure you have enough able-bodied people (or machinery) available to assist with unloading and positioning of your tank. If assistance is unable to be provided, it is the customers' responsibility to organise machinery hire, this cost is borne to the customer.

All Slimline Tanks	2 people + driver	
1000L - 13600L	1 person + driver	
15000L - 25000L	2 people + driver	
31800L - 50000L	3 people + driver	

Day of Delivery

Our solo truck driver will contact you the morning of your delivery, to advise their expected time of arrival. Once your tank is in it's final position, your delivery driver will install your outlet and overflow strainer where required.

! Anyone assisting with the delivery will need to be aware that they are to follow our delivery drivers' instructions at all times, all other persons (inc animals) must be securely located at least 20 metres clear from the unloading area.

! Witches hats will be placed to indicate the exclusion zone – no persons are to enter this exclusion zone.

! If anyone or anything enters the exclusion zone unexpectedly or without authorisation, work will cease.

PLEASE NOTE: the driver has the final decision to assess suitability of the site and will place the tank as near to the pad as safely as possible, if they consider the site to be unsafe or not easily accessible. Failure to supply adequate assistance on the day of delivery will result in the delivery being rescheduled, with a re-stocking fee being applicable.

After Delivery

It is essential that the tank is installed immediately, with 2.5cm of water is put into the tank, or the tank is tied down to prevent it from being blown away or damaged.

INSTALLATION & TANK BASE PREPARATION REQUIREMENTS



There is no substitute for correct site preparation. Correct site preparation is essential to ensure a long and trouble-free life for your tank. It is essential to have your tank on a **FLAT LEVEL COMPACTED BASE**. The base of your tank must be fully supported at all times.

Tanks are designed to expand and contract as water levels rise and fall, ensure tanks are positioned with a minimum of 150mm clearance from fixed objects. Each water outlet must also have a flexible hose (300mm in length) connected and placed between the ball valve and other plumbing (poly pipe is not suitable to use as a flexible hose). Ensure all plumbing from the fittings are well supported to reduce strain, potentially causing damage.

Water volume entering the inlet must equal the water volume of the overflow, e.g.: 2 x 90mm inlets = 2 x 90mm overflows or equivalent. Overflows are to be piped away from bases to prevent undermining. Charged Drain Downpipes, ensure the charged line is plumbing with at least 150mm distance from the tank wall to allow for tank expansion and contraction.

Tank Bases

Slimline bases must be 100mm wider and round tank bases must be 300mm wider than the diameter of the tank and prepared as follows:

e.g. Slimline Tank width 1080 + 100mm = 1180mm minimum require for tank pad

e.g. Round Tank diameter 3690mm + 300mm = 3990mm minimum require for tank pad

Crusher Dust (contained)

Crusher dust (very fine road base) must be granular and have a grain size less than 5mm and shored (for example with garden sleepers) to protect against erosion. It must be compacted prior to tank delivery, and the surface of the material must be flat, level, and larger than the base of the tank. **NOTE: SAND IS NOT ACCEPTABLE**

1. Remove at least 100mm of natural earth, ensuring the base is flat and level, free of stone, tree roots etc.
2. Create retaining box and refill with at least 75mm of crusher dust, you can also mix in dry cement powder.
3. Once spread, thoroughly compact the crusher dust with suitable compacting equipment.
4. Thoroughly screed the surface and ensure the finished surface is perfectly **FLAT & LEVEL**.

Concrete Slab

Slabs need to be screeded flat and level with no high or low spots. The finished surface should have a trowelled finish.

- Slimline Tanks & Round Tanks under 40000L
Concrete slab must be at least 25mpa & 100mm (4") thick with F62 mesh halfway through the mix.
- Round Tanks over 40000L and Industrial Tanks. Slab must be 32 mpa concrete mix
Slab must be at least 150mm thick with 2 layers of F82 mesh 75mm apart and a thickening of 200mm wide & 200mm deep with Y16 reo bar at the bottom of the thickening around the edge of the slab.

Tank Stands

Tank stands must be constructed to hold the weight of a full tank (e.g.: 40000L of water is about 4.5 tonnes). We recommend a hardwood timber decking which is **FLAT AND LEVEL**, with boards spaced no wider than 10mm apart.

1. Prepare a stand that has a hardwood decking with gaps no greater than 10mm. Decking should be supported structurally by bearers strong enough to prevent sagging of decking when the tank is full.
2. Tank must be lifted into place by a crane (hire at customer's expense). Tank must then be secured to the stand.

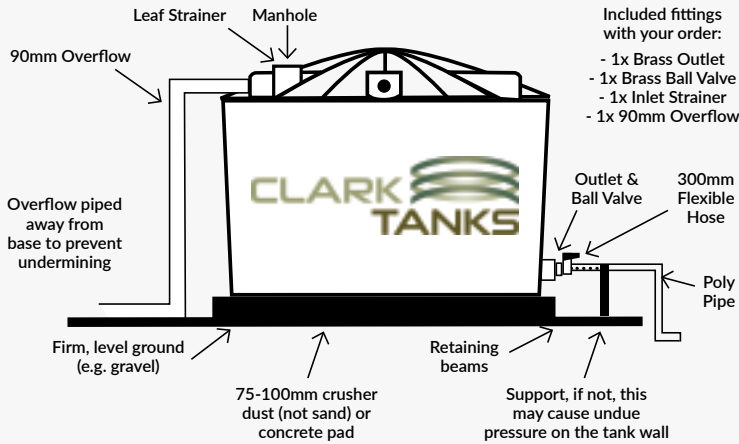
Water inlet - we recommend water be directed into the tank through the strainer. Fixed inlets must be supported and have flexible hose fitted. Inlet pipe must be supported by stand.

Inspect Regularly

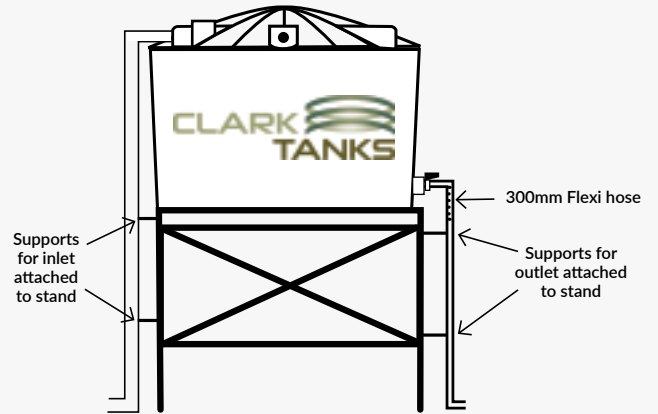
The pad must be inspected regularly for any signs of erosion, subsidence, or animal burrowing, as any of these things may cause undue stress on the tank wall which will result in voiding your warranty. Inlet & Overflow strainers should be regularly checked and remove any build up or obstructions.

CLARK TANKS accepts no responsibility for negligence or otherwise, for loss or damage to tanks installed by the customer notwithstanding that the customer has relied upon and followed the recommendations contained herein. These recommendations are a guide only and we do not warrant that the recommendations are accurate or suitable for use by any particular customer or for any particular tank sold.

INSTALLATION & TANK BASE PREPARATION REQUIREMENTS



Crusher Dust or Concrete Pad



Pipe work for tanks on stands must be supported by the stand, not the tank, with flexible hose to allow for any movement.

Examples of Poor Pads

These examples will void your tank(s) warranty due to the undue stress and pressure that will be put onto the tank(s) wall, base and or outlet(s).



Rocky or uneven ground with minimal preparation can undermine the tank base, and sharp objects may puncture or damage the tank.



Must not have undersized base, circumference of tank must be supported.



Corrugated iron decking, timber sleepers and bricks are NOT ALLOWED. This type of decking should not be used under any circumstances as it is unstable.



Inadequate overflow length may cause undermining of tank base.



Unsupported pipe puts excess strain on the fitting and tank wall.



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