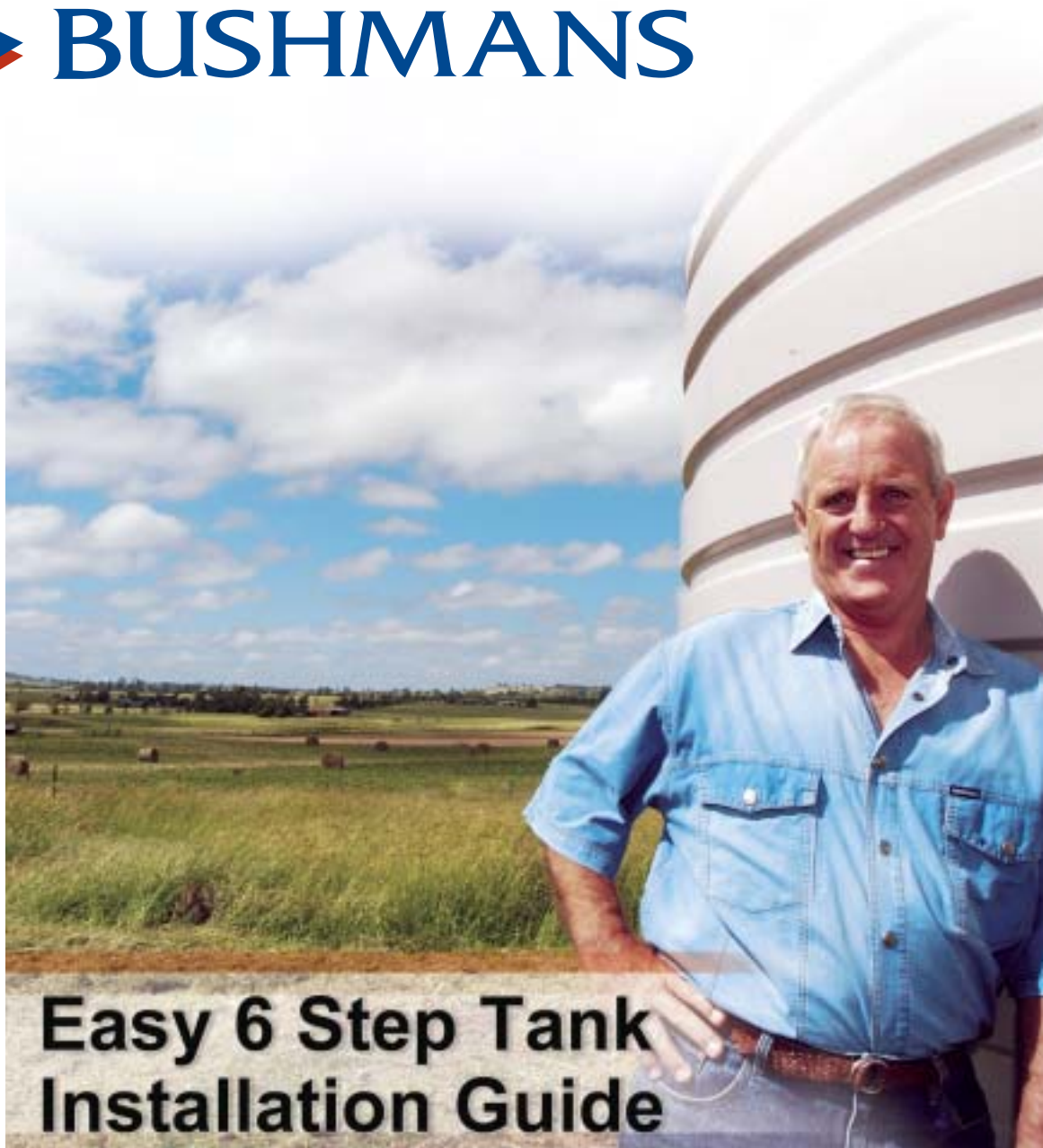


# BUSHMANS



## Easy 6 Step Tank Installation Guide

Congratulations on your choice of a BUSHMANS tank.

In the world's driest continent every drop of water is precious and every Australian needs to do their bit to save Australia's water. Your purchase of a BUSHMANS tank demonstrates your commitment to water conservation.

BUSHMANS have designed and manufactured your tank to give you long, trouble-free service. In the unlikely event that a manufacturing fault emerges, it will be fixed or replaced at no cost to you. (See our written guarantee on the back page.)

The important information in this Installation Guide will help you prepare for the arrival of your

BUSHMANS tank. There are two types of delivery depending on your readiness.

If your site is fully prepared then you can have your tank placed onto your prepared site. This is called an *ON-SITE DELIVERY* and it includes *TANK PLUMBING* by our driver. If you are not ready to install your tank and require drop off only, you should be ready for a *ROLL-OFF DELIVERY*. (See check lists over.)

Remember, your tank must be installed correctly to ensure long life – and so you do not void your guarantee.

If you have any concerns, please call BUSHMANS on **1800 00 88 88**.

# PREPARING FOR YOUR TANK



## Decide on Your Plumbing Fittings

Please advise prior to delivery if you need any extra fittings or valves and the driver will bring them. If your local council requires a pressure tested valve, these can also be supplied for an additional charge. Purchase of all other plumbing fittings and pipes are the responsibility of the purchaser.

## Free Delivery

Delivery is free within BUSHMANS specified free delivery areas, **provided conditions are met** per the check lists for *ON-SITE DELIVERY* or *ROLL-OFF DELIVERY*. BUSHMANS will telephone to confirm the delivery date, allowing plenty of time to prepare.

If the BUSHMANS truck arrives to deliver your tank, and there is insufficient access or assistance to unload, then the tank will not be left at the site. BUSHMANS will automatically attempt delivery again at the customer's cost.

## TANK PLUMBING FOR ROLL-OFF DELIVERY

- Step 1 Position tank, make sure tank pad is level.
- Step 2 Mark outlet position on tank.
- Step 3 Drill outlet hole to suit tap or gate valve fitting with either a 22mm spadebit, or a 32mm or 63mm holesaw.
- Step 4 Next use 108 mm holesaw to drill out overflow on flat position of tank as allowed in tank mould. The overflow must be positioned in the middle of the flat spot.
- Step 5 Place the black seal, labelled Bush Seal, into the hole and wet the length of 90 mm storm water pipe with water or soap and push through the bush seal. Place frog cover or overflow strainer over the end of the pipe.
- Step 6 Remove strainer screws and remove strainer.
- Step 7 Place conduit in strainer hole, feed it through drilled outlet hole.
- Step 8 To insert brass fitting in outlet, undo nut off outlet and slide outlet and washer down conduit. Pull through from outside.
- Step 9 Screw nut on and tighten firmly by hand (left handed thread).
- Step 10 Place thread tape onto outlet thread and fit ball valve. Tighten with multigrips.
- Step 11 Loosen off hand tight outlet nut and move ball valve into upright position. Tighten outlet nut with multigrips.
- Step 12 Place strainer back into tank and screw back in to place so it is sealed and vermon proof.

## Access

Our truck may be up to 21 m long, 2.5 m wide and 5.2 m tall, depending on loads required for your region at the time. If you cannot accommodate a semi-trailer at your property you must advise so we can arrange delivery with a different vehicle.

Prior to delivery check gates, roads, roundabouts, crossings and overhanging trees on your property so that we can deliver your tank without damage. Please note that if a crane or other equipment must be used during delivery, hire of this equipment is at the purchaser's expense.

## Organise Assistance

Our driver will need help to unload your tank from the truck, therefore, could you please have able-bodied people available to assist at time of delivery. If assistance cannot be provided then hire or use of any equipment is at purchaser's expense i.e crane hire, 4WD tractor hire, backhoe hire, frontend loader hire. Our drivers and service people are not allowed to work at heights and therefore cannot assist in placing or servicing tanks on stands.

## Secure Your Tank

When your tank arrives you must put at least 25 mm (1") of water into the tank or otherwise secure your tank from being blown away. BUSHMANS take no responsibility for tanks being damaged in this manner.

## SAFETY WARNING

*Do not work alone or enter tank. This is a confined space. Always wear safety gear and safety eye glasses when drilling.*

## Tools for site preparation and tank plumbing

- Pick, shovel, crowbar, level
- Drill, hacksaw
- Hole saws and arbour:
  - 108 mm (overflow)
  - 63 mm or 32 mm (outlet)
  - 22 mm spadebit for 1 inch moulded outlet.
- Multigrips
- Thread tape (plumbers tape)
- Ladder
- Electrical conduit (12 mm)
- Phillips screwdriver bit

**(BUSHMANS truck driver is trained to install tank fittings and carries tools required for TANK PLUMBING.)**

## ON-SITE FREE DELIVERY

- Check that you are prepared** for our driver to position tank, drill outlets and fit taps and seals. (TANK PLUMBING)

- There MUST BE suitable access as per *Preparing for Delivery* in this document.
- Site MUST BE prepared as per instructions.
- There MUST BE enough people present to assist with tank positioning, see table opposite.
- I am organised to instruct driver about outlet positions. (See diagram below)
- Water is immediately available to put 25 mm in tank to prevent blow-away.

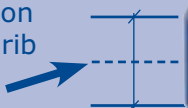
## ROLL-OFF FREE DELIVERY

- Check that**

- There MUST BE suitable access as per *Preparing for Delivery* in this document.
- There MUST BE enough people present to assist with tank positioning, see table opposite.
- Water is immediately available to put 25 mm in tank to prevent blow-away.
- I note instructions for TANK PLUMBING for ROLL-OFF Delivery on page opposite.

### OUTLET POSITION

Centre of outlet should be approximately central on bottom rib



# Easy 6 Step

## IN GROUND SITING

### Correct method

- 1 Before commencing, check for underground pipes and ensure excavation work does not infringe on the weight bearing capacity of adjacent structures.

Excavate the hole in depth to allow for 50-75 mm of bedding material and a maximum depth of 1/3 of the tank wall height. Excavate the hole in diameter to allow for a 150-200 mm gap between the tank wall and the surrounding soil.

The site is not suitable if there is water seepage or if the floor of the hole is unstable. Spread washed river sand into the hole and compact it with a plate compactor, to provide a firm level base. Check that no rocks, roots or sharp objects penetrate the sand base.

- 2 Tank must be lowered into the hole squarely by crane. (Crane hire at purchaser's expense.)
- 3 Prior to starting to backfill, the tank must be filled with water to a level marginally above ground height. The soil taken from the hole must not be used as the backfill under any circumstances.

Spread a 200 - 300 mm layer of sand around the base of the tank. Manually compact the sand ensuring that all the voids are filled. Continue adding the sand in 200 - 300 mm layers, ensuring each time that it is well compacted into all areas until it comes to within 150 mm of the surface. Restore the remaining 150 mm with fresh soil.

CONTINUE ON RIGHT UNDER ABOVE GROUND SITING STEP 4.

Tank model	Per
T110	1
T160	1
T170	1
T230	1
T260	1
T350	1
T500	3
TT560	1
TS540	1
T660	3
TT650	1
TS910	1
TT1070	1
TT1100	1
TS2200	2
TT2300	2
T3300	2
TT5070	3
TS5000	3
TT5300	3
TS5500	4
T6500	4
T8000	4
T8400	4
T10500	5

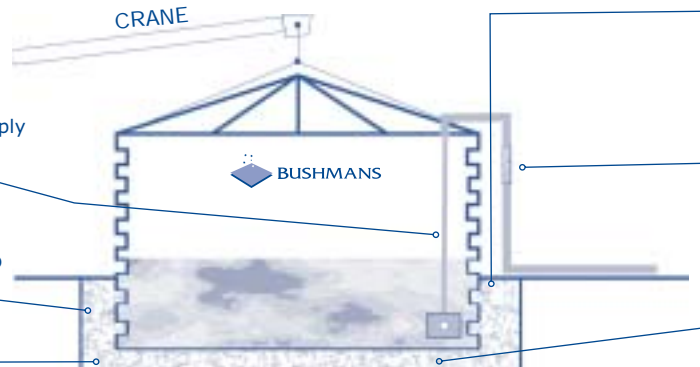
### DO NOT LIFT TANK WITH WATER INSIDE

Pick up foot valve for water supply to shed or house

Back fill with washed bedding sand

GROUND

Solid Walls



IF THESE STEPS ARE NOT FOLLOWED GUARANTEE IS NULL AND VOID





OFFICE USE ONLY

CLAIM REFERENCE No: .....

# Guarantee Claim Form

**THIS FORM MUST BE USED WHEN CLAIMING ON GUARANTEE**

Name: .....

Phone: ..... Mobile: ..... Fax: .....

IMPORTANT: If you are difficult to contact, please phone our office on 1800 00 88 88 within a reasonable time frame after mailing this claim form, allowing for postal delays.

Postal address: .....

Situation address of tank/product (if different from above): .....

Tank size: ..... Product type: ..... Serial No: .....

Poly: Y / N Fibreglass: Y / N

Date of purchase: ..... Invoice No: ..... Colour: .....

Is the product used for stock or domestic: .....

Is the product installed according to our installation requirements, as stated in our written guarantee? Y / N

Are there any installation errors present that void your guarantee? See graphics below. Y / N

Is a flexible hose connected where required? Y / N

Has the product been moved from its original site? Y / N

If so, by whom? .....

Date defect was first noticed: ..... Type of defect: .....







Please send digital picture files or send pictures to describe defect.

I understand and accept responsibility for associated costs incurred to inspect and or rectify any problems if, upon inspection, damage has been caused by other than manufacture or design faults.

I also understand that BUSHMANS will not fix or repair any other company's products and I will reimburse BUSHMANS for any costs incurred for travel if, upon arrival at site, the product is found to be manufactured by another company.

Your signature: ..... Date: .....

## THESE ERRORS WILL VOID YOUR GUARANTEE

	Back fill material is other than washed river sand or crusher dust.		Tank base undermined - inadequate overflow length.		Unsupported rigid pipe work puts excess strain on the fittings and tank wall
	Rocky and uneven ground with little or no base preparation.		Must not have undersized base. Circumference of tank must be supported.		Don't use wooden sleepers or corrugated iron under tank

# Guarantee



## BUSHMANS 10 Year Fix or Replace Guarantee

BUSHMANS guarantee, with no pro-rata, is to repair or replace (at our discretion), any defect or fault in a BUSHMANS water tank that is caused by our manufacturing process for a period of ten (10) years from the date of original purchase, provided the tank has been correctly installed according to instructions provided by BUSHMANS.

BUSHMANS also guarantee, with no pro-rata, to repair or replace (at our discretion), any defect or fault in other products, including molasses tanks and industrial tanks for ten (10) years, underground tanks for seven (7) years, ag-products for five (5) years and all other products for five (5) years, if failure is caused by our manufacturing process, provided the product is being used for its intended purpose.

- 1 The **GUARANTEE ACTIVATION FORM** must be completed and returned to BUSHMANS within 30 days of tank delivery. The form is supplied at tank purchase or is available on BUSHMANS website.
- 2 The guarantee is granted to the *original purchaser* and is transferable to any heirs or successors in title thereof, provided that the tank is located on the original site or relocated from the original site by BUSHMANS, which will be at the owner's expense.
- 3 The guarantee is limited to the repair or replacement of the tank only, at the sole discretion of BUSHMANS. BUSHMANS is not liable for any consequential losses including loss of profits or damage to property or any other associated costs that may occur when repair or replacement of the tank is carried out. Repair work is undertaken at ground level, so tanks that are located on stands must be brought down to ground level before BUSHMANS can commence repair work.

*Note that expenses such as landscaping, plumbing, electrical, costs of lifting equipment and hire of additional labour are at owner's expense. Bringing tanks down from stands for repair work is also at the owner's expense.*

- 4 The guarantee does not apply to the tank colour which may in time fade or change.
- 5 The guarantee applies to the one piece polyethelene structure of the tank and does not extend to fittings such as the strainer, outlet, valve, tap, overflow or any other fittings.
- 6 The guarantee on water tanks is for the storage of water only, at a water temperature of 23° C.
- 7 The guarantee on water tanks is for storage of water on the site only. Transporting water in water tanks voids the guarantee.
- 8 The guarantee is void and will not be binding upon BUSHMANS in the event of damage to unsecured tanks through blowing away; or by abuse, improper installation, unsound base, or unauthorised modifications to the tank.

*Note that all installation instructions must be followed and in particular the fitting of flexible hose.*

- 9 BUSHMANS must be notified of any defect or fault (using attached claim form) within seven (7) days of it occurring. BUSHMANS must be given the opportunity to inspect the tank within twenty-eight (28) days of such notification, otherwise the guarantee is void.
- 10 The guarantee is void in the event of damage due to war, riot, civil commotion or terrorist activities. The determination and/or application of this clause remains solely at the discretion of BUSHMANS.

## Freecall 1800 00 88 88

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