

# the TASMANTANK CO.

DESIGN ■ FABRICATE ■ CONSTRUCT



**The Tasman Tank Co.** is pleased to present our comprehensive range of liquid storage solutions for the Fire Protection Industry.

Our company objective is “quality tanks and storage solutions at competitive prices”.

Our specialised tanks supplied to your industry are:



The Tasman Tank Co. is a member of the National Fire Industry Association Australia and the Fire Protection Association NZ



<b>Series TS600</b>	<b>Circular bolted galvanized liner tank</b>
<b>Series TS700</b>	<b>Circular bolted galvanized steel floor tank</b>
<b>Series TS185</b>	<b>Rectangular bolted stainless steel modular tank</b>
<b>Series TS200</b>	<b>Rectangular bolted galvanized modular tank</b>

**SPRINKLER TANKS • HYDRANT TANKS • TEST TANKS**





**The Tasman Tank Co.** offer our clients 25 years industry experience, specialising in tank design, manufacturing and installation both locally and internationally. Our focus on quality control ensures that the highest standards are maintained.

**The Tasman Tank Solution:**

- SPECIFY
- DESIGN
- FABRICATE
- CONSTRUCT

Tasman Tanks engage a third party engineer to undertake a design review and certify that all our tanks conform with the specific project parameters.

**Occupational Health Safety & Environment is key in our company:**

- All fatalities and injuries are preventable.
- No task is so important that it cannot be done safely.
- All hazards can be identified and their risks managed.
- Everyone has a personal responsibility for the safety and health of themselves and others.

At Tasman Tanks, we recognize that commitment to a quality product is the key to customer satisfaction. We achieve this by designing and manufacturing in house. Another area that we separate ourselves from our opposition is all our onsite installers are employed directly – we do not use subcontractors for our tank installations.

**The Tasman Tank Co.** prides itself on providing a very personal yet professional service to all our clients. With our diverse range of quality products, our field installation capabilities and our customer service, we remain unmatched in the industry.



**OUR FIRE PROTECTION INDUSTRY TANK RANGE COMPLIES WHERE APPROPRIATE WITH AS/NZS3500, AS2118, AS2419, NZS4541, AS1657, AS/NZ1170 (SET)**

## TS600 CIRCULAR LINER TANK

The TS600 Circular tank is a bolted steel design incorporating an internal membrane liner to provide the water containment. The tanks are constructed on site, by our trained erection construction crews, using our hydraulic jacking system.

### Specification options available include:

- Wall sheet material – Galvabond, hot-dip galvanized steel or stainless steel.
- Internal membrane liner: PVC, Aeon, Butyl Rubber, Polypropylene or Strongline.
- Standard mono-clad roof structure and sheeting or long-life ZAM structure & Ultra sheeting. Aluminium is also available. All roofs are designed to AS/NZS1170.2.
- All tank suction outlets are provided with vortex plates with grilles to bond the liner in place and prevent disruption to pump flow.
- Access ladders or stairways are supplied on all tanks. Ladders conform with AS1657. Side entry manholes can also be supplied.
- To meet environmental and aesthetic requirements we can custom the external finish to suit. There is a huge palette of colours available for powder coating walls and the full Colorbond range is available for roof sheeting.
- The TS600 tank can also be insulated to prevent freezing in cold environments.



## TS700 CIRCULAR BOLTED NON-LINER TANK

Designed, fabricated and constructed with the same stringent standards as the TS600, however no internal containment liner is used. This tank incorporates a fully bolted floor and wall system.

The TS700 model maintains its water seal using PVC foam gasket, polyurethane flexible sealant and Tasman's industry leading bolt seal.

- Wall and floor sheet material – Galvabond, hot-dip galvanized steel or stainless steel.
- Standard mono-clad roof structure and sheeting or long life ZAM structure & Ultra sheeting. Aluminium is also available. All roofs are designed to AS/NZS1170.2.
- Tank overflow drain inlets and outlets sizes to AS/NZS3500 requirements.
- Access ladders or stairways are supplied on all tanks. Ladders conform with AS1657. Side entry manholes can also be supplied.

### COMBINED USAGES FOR FIRE TANKS:-

- Irrigation storage
- Rain water harvesting
- Insulation for chilled water for building services

## TS185 RECTANGULAR STAINLESS STEEL TANK

The TS185 is a bolted stainless steel rectangular tank. Panels are manufactured with square corners and a panel stiffening system that provides support to the mid flange section of the panel. The thickness of the tank panel is increased as internal pressures dictate. The internal bracing support system is fastened and sealed at all intersecting panel joints. Design deflection limits used are span/250. Foundation requirements vary depending on the height, area and site plan position. Tank component and water loading can be calculated at the time of consultation allowing determination of the foundation requirements by others.

TS185 tanks can be constructed either with flat sheet floor on a level concrete foundation or panel base placed on to steel beams and concrete or steel plinths.

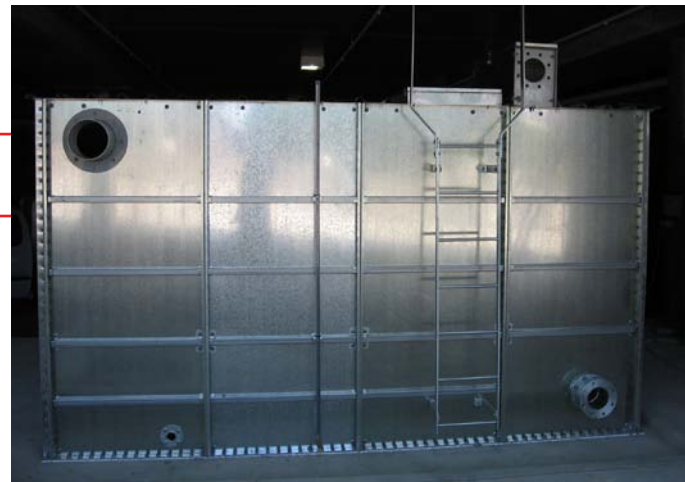
- Tank walls and floor manufactured from stainless steel material.
- Self supporting roof support structure and vermin proof cover, available in either stainless steel or galvanized.
- Galvanized inlet bracket, inlet housing and lockable manhole.
- Tanks can be designed with internal division walls to allow 50% capacity during maintenance (AS2419).
- Stainless Steel internal and external access ladders designed and manufactured to AS1657.
- Standard connections: suction outlet (with anti vortex plate), gravity outlet, overflow, sludge drain and visual level indicator.

Tasman specialises in non standard tank configurations including building around columns, L-shaped, tanks built on sloping sites.



## TS200 RECTANGULAR GALVANIZED TANK

The TS200 galvanized rectangular tank is manufactured and constructed with the same precision design and engineering as the TS185 stainless steel rectangular tank. The significant difference is all stainless components are substituted with either galvabond or hot-dip galvanized steel.



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