

Product Brochure



TANK INDUSTRIES

WaterStorageSolutions



**TANK
INDUSTRIES**

Water tanks for Australia - Built by Australians



WATER STORAGE TANKS

Tank Industries manufactures high quality, cost-effective modular water tanks for the fire fighting/sprinkler industry and water supply markets. A wholly-owned subsidiary of Hunt Engineers & Staff Pty Ltd, the company is dedicated to high quality and committed to service.

Tank Industries manufactures, supplies and installs water tanks for customers across Australia and in many overseas markets. Service and maintenance contracts can be tailored precisely to

customer needs and we can provide associated tank work such as foundations, towers and pump houses. A total project package can be undertaken, with complex engineering design and technical support.

Tank Industries will continue the pursuit of excellence and the development of successful long-term relationships with a growing network of customers and distributors, while continuing to develop product range to meet the needs of the marketplace.



“H.S. SERIES” CIRCULAR GALVANISED STEEL BOLTED STORAGE TANK

Tanks comprise of:

Wall and floor sheets in Galvabond G2 Z275 to AS1397, prefabricated panels with all vertical steel framework, hoops, cleats, stitching straps, internal/external ladders and extended hand rail hot dip galvanised.

All hoop joining bolts are M10 High Tensile steel, all others will be M10, mechanically galvanised steel.

“Malthoid” damp course membrane is layered between tank floor and foundation.

Gasket material between all sheet joints are PVC High Density Foam, with a minimum thickness of 6.00mm and all sealants are high strength PVR elastomer, suitable for potable water.

The roof is low pitch construction with Galvabond open web beams, purlins and brackets, including a 600mm square manhole, cover and safety platform. Roof materials are Dualclad Zincalume sheets, fastened with “Tek Screws”.

Tank level indicator will be a “ball float” type, black numbers and letters against a white background, “E” for empty at the top and “F” for full at the bottom. Indicator frame and brackets

will be colorbond steel, mounted to the side of the tank.

All pipe work penetrations are cleaned and sealed with a protective coating, all flanged pipework connections to the tank are fastened with galvanised steel bolts and nuts. A lockable safety cage and intermediate platform is provided on each tank, where the tank height is 6.0m or above, to AS1657.

Tank Foundations

The tank is erected on a reinforced concrete ring beam to the tank manufacturers design.

The internal area of the ring beam, is filled and compacted to a depth as required by the relevant Australian Standards.

Tank Industries, with the support of Hunt Engineering & Staff P/L and its resources, is able to produce cost effective tanks of standard or custom design, in a choice of materials and finishes.



Dedication to high quality and service has always been the philosophy and the basis for the success of Tank Industries.



“L SERIES” STEEL BOLTED LINER TANKS

Our range of liner type tanks offer an economic alternative to other tanks in this brochure. These tanks are suitable for fire water storage, station or property use, town water supply - potable water, agriculture, aquaculture, process, trade waste or marine waste.

All liners used are rated for use with potable water, AS4020.

These tanks are designed and manufactured from galvanised sheeting, pre-punched for easy erection. Horizontal circular stiffening is by galvanised angle hoop type rings.

The liner is full height, with overlap and secured on the top edge of each tank with eyelets.

The tank is erected with external upright angle supports, or double row bolted lap joints on a concrete ring or slab and, the inner tank floor comprises compacted sand.

This ensures smooth finish to the inside walls and floor of the tank.

Geotextile underlay is fitted to the underside of the liner for additional protection.

Liners can be supplied to offer up to a 10 year warranty. (Based on application).



GALVANISED “RP-GALV SERIES” STEEL RECTANGULAR PANEL TANKS

RP-Galv “RP” Rectangle Panel Tanks are designed to have construction method which has the flexibility to meet all customer applications.

“RP” Tank final sizing and dimensions can be designed to fit into any difficult application or can be manufactured to replace existing tanks in tight locations that are no longer easily accessible.

Tank panels externally bolted with M10 high tensile nuts and bolts.

Internally bolted design options are also available.

Sealing gaskets are high density PVC 6mm thick and compressible to minimum 50%.

Sealant is high grade Polymer sealant approved for use in potable water.

The roof sheeting is Lysaght/Dualclad Zinalume or similar approved and

sealed at the edges to provide proofing against vermin.

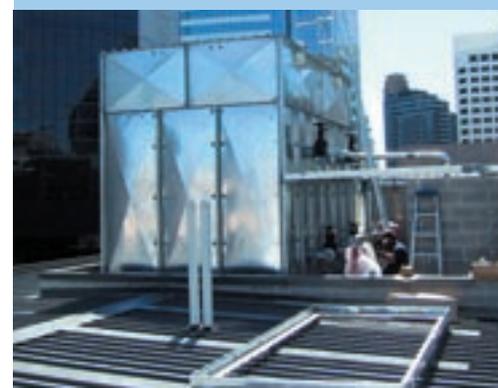
Internally the tank will be complete with galvanised bracing rods and cleats to size as directed by our engineer. (to suit dimensions/height of the tank).

All walls will be erected in straight lines. All vertical edges will be true to vertical and braced.

Horizontal and vertical seams subject to minimum tolerances as approved by Tank Industries Engineers.

All ladders and plumbing fittings will comply to all relevant codes, including AS1657 for fixed platforms and ladders, and AS3500 for plumbing items.

As approved by Tank Industries engineers.



High quality stainless steel tanks for the fire, plumbing and other industrial markets.



“RP-SS SERIES” STAINLESS STEEL RECTANGULAR PANEL TANKS

Tank Industries manufacture high quality stainless steel tanks for the fire, plumbing and other industrial markets.

Because the “RP-SS series” stainless steel rectangular panel tanks have many applications and uses, they are designed to meet the specific requirements of each customer’s unique situation.

The versatility of RP-SS tanks allows for tailored size and dimensions that are specifically designed to fit into every problematical application. In addition the RP-SS tanks can be manufactured for hard-to-access sites or to replace existing tanks in constricted locations.

Construction of the tank panels feature external bolting with M10 high tensile nuts and bolts, plus internally bolted design options are available when required.

Lysaght/Dualclad Zinalume sheeting (or similar approved product) is used in the roof construction which is sealed at the edges to prevent vermin access.

As with all products in the Tank Industries’ range, Australian Standards are applied throughout the manufacturing and construction process, including the sealant which is a high grade Polymer approved for use in potable water applications. Sealing gaskets are high density PVC 6mm thick and compressible to a minimum of 50%.

Internal construction of the tank will include stainless steel bracing rods and cleats sized to our engineers’ specifications appropriate to the height to width dimensions of the tank.

High density foam or rubber seals, complete with backing plate, are used for corner and floor to wall joints.

Minimum tolerances as approved by Tank Industries’ engineers will be applied to both horizontal and vertical seams.

All fixed platforms and ladders are designed to AS1657, and all plumbing will comply with AS3500.



ADDITIONAL SERVICES AVAILABLE

Tank repairs
 Liner replacements
 Foundation works
 Special applications
 Powder coating
 Pump sheds

SPECIFIC TANK FEATURES

Internal & external ladders
 Rolled cages & intermediate platforms
 Ball float level indicators
 Bottom panel access hatch
 Harness attachment for safe roof access
 Roof edge flashing for vermin proof protection
 Handrail systems
 Full range of connections available
 Modular tank options

AUSTRALIAN STANDARDS COMPLIANCE

AS4100 & AS4600 - Steel Structure Codes
 AS1397 - Sheet Galvanising
 AS4680 - Hot Dip Galvanising
 AS1657 - Fixed Platforms & Walkways
 AS1170 - Wind Loadings
 AS4020 - Potable Products





CONTACT DETAILS

For further information please contact us as per the numbers listed below.

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