



## Internal Floating Cover

Computer technology, highest quality materials and the experience of thousands of installations places the Internal Floating Cover from TankServ as the “Standard of the Industry”. Today, many oil and petrochemical companies specify the pontoon type Internal Floating Cover as “the only acceptable design”.

Thousands of hours of research and over 30 years of service experience are incorporated in today’s design. High quality, corrosion resistant aluminium alloys combined with the advanced aircraft-type design provide an extremely strong cover with the flexibility necessary to absorb product turbulence often encountered in severe service.

Provided by the experienced team from Land & Marine TankServ

[www.landandmarine.com](http://www.landandmarine.com)

## Internal Floating Cover

Using computer technology, highest quality materials and the experience of many installations, TankServ has earned a reputation as a key supplier for the aluminium internal floating cover.

High quality, corrosion resistant alloys combined with advanced design techniques provide an extremely strong internal floating cover with the flexibility necessary to absorb product turbulence often encountered in service.

Designed and constructed in accordance with API Standard 640 Appendix H, the internal floating cover is proven to exceed the design load requirements for the code by a minimum of 50%. A minimum of 100% excess buoyancy is also provided by the utilization of standard 10" diameter floatation pontoons that develop twice the strength of competitive designs. Automated welding and pneumatic testing ensure leak proof integrity.

## Design Features

- A truly vapour tight metal to metal clamp beam develops the full strength of the deck skin itself
- A patented pivot joint eliminates stress at pontoon ends by allowing flexure where it is needed
- Pontoon saddles support the clamp beams on the pontoon and distribute the concentrated load to assure against localised buckling
- Bolted connections are corrosion resistant 300 series stainless steel fixings
- Reduces emissions from fixed roof tanks by up to 97% & meets VOC control and Environmental Protection Standards



## Land & Marine

TANKSERV

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For more details on this and other products visit:

[www.landandmarine.com](http://www.landandmarine.com)

### Product & Services Available From TankServ - DOWNLOAD FROM WEBSITE

TS - 1 Mechanical Primary Seal  
 TS - 1L Lightweight Mechanical Primary Seal  
 TS - 5 & TS - 6 Liquid Filled Seal  
 TS - 7 & TS - 9 Foam Filled Seal  
 TS - 14 Foam Filled Seal  
 TS - 16 Servaseal Secondary Seals  
 TS - 16 Servaseal Double Seals  
 TS - 32 Servaseal Secondary Seals

TS - 32 Servaseal Double Seals  
 Guidepole Sleeves & Vapour Leg Socks  
 Internal Floating Covers  
 Geodesic Dome Roof  
 Roof Drain Systems  
 Floating Suction Units  
 Tank Accessories