

SS18-AVIATION TANK

The SS18 Aviation Tank is a compact, heavy-duty self-bunded fuel storage solution designed specifically for the safe storage and handling of aviation fuels. Engineered in a containerised format with an integrated pump bay, the SS18 offers a safe fill capacity of 15,600 litres while maintaining full transportability by road, rail and sea.

Built to the highest industry standards, the tank features a double-wall steel construction, stainless steel fittings and pipework, floating suction, overfill prevention, emergency venting, and a fully integrated sampling system for maximum fuel quality control. The lockable pump cabinet, AS1657 compliant access system, and aviation-grade safety components ensure reliable and secure operation in demanding environments.

Designed for aviation fuel applications, the SS12 is compliant with UL142, ULCS601, AS1940, AS1692, AS1657 and JIG requirements, making it an ideal solution for airports, mining operations, remote sites and defence applications.

Specification	SS18 – Pump Bay Model
Safe Fill Capacity	15,600 Litres
Tank Type	Stainless Steel Self Bunded Containerised with Integrated Pump Bay
Size	10'HQ
Weight	5,000 kg
Length	2,991 mm
Width	2,438 mm
Height	2,896 mm

Standard Fixtures and Accessories

- 100mm fall to sump
- Anti-syphon valve
- Low point drain
- Fill point and pump cabinet with lockable container doors
- Fill point — DN80 (3") 304 Stainless Steel complete with:
 - Overfill prevention valve
 - Fire-safe isolation valve
 - Non-return valve
- 25mm stainless steel sump draw line with sump pump mounted in cabinet for fuel sampling
- Sample draw-off point with inspection glass and closed loop return to tank
- Floating suction system
- Stainless steel fittings and pipework
- High level alarm
- Emergency venting on primary and secondary tanks
- Galvanised tank trim for impact protection
- Integrated pump bay designed to accept aviation fuel handling packages
- Access platform to all ports and manway
- Inspection hatch
- AS1657 designed and approved ladder and tank top access assembly
- Designed and compliant with UL142, ULCS601, AS1940, AS1692, AS1657 and JIG requirements



Construction

- Heavy duty self-bunded steel construction
- Containerised CSC plated design for transport by road, rail and sea
- Primary tank available in:
 - 304 Stainless Steel, or
 - Epoxy lined carbon steel
- All fittings and pipework in Grade 304 Stainless Steel

Aviation Fuel Handling Compatibility

Suitable for integration with:

- Down-loading systems (bridger to storage tank)
- Up-loading systems (storage to refueller)
- Dispensing systems (storage to aircraft)

Optional Extras

- Underwing and overwing nozzles
- Quick disconnect dry-break couplings
- Product, quick flush and slop tanks
- Skid, trailer or tank mounted pump packages
- Hose reels in 15m, 25m and 45m lengths
- Powered hose reels
- Automatic fire extinguishing systems
- Based on the Aviation Fuel Storage Systems brochure specifications.



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