



HIGH CAPACITY STORAGE BITUTAINER™



AN INNOVATIVE, VERSATILE AND EFFICIENT SOLUTION FOR TEMPORARY BITUMEN STORAGE

Features & Benefits

Ease of Installation

Quicker and easier to install than conventional storage tanks, with minimal civil work and commissioning required

Modular/Scalable

For storage requirements from 60t to 5000t, capacity can easily be increased or decreased based on changes in demand, with simple pipework providing common fill/discharge points

Low Operating Cost

Product can be allowed to cool and heated only when required for discharge. This reduces heating overheads commonly associated with large scale storage

Self-Contained

Double-walled design and sealed cavity provides secondary containment, which can eliminate the need for costly external bunding

Mobile & Versatile

Easy to lift, transport and relocate, being transported as a standard 40ft container

Uses Include

Project based or intermediary storage for road construction.

Ideal for small to midscale storage requirements.

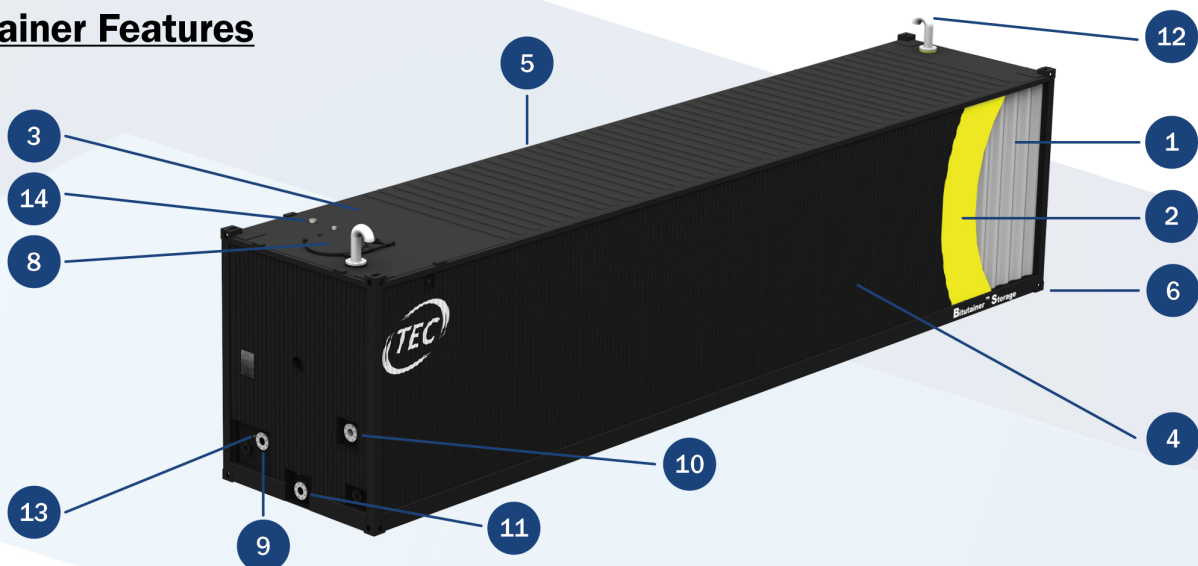
Can be used for bulk buying and price hedging against fluctuations.



Technical Data

External dimensions - Length x Width x Height: (mm)	12,192 x 2,438 x 2,896
Max. capacity: (m3)	65
Max. gross weight for transport (Kg)	10000
Tare weight : (Kg)	<9600
Payload: (Kg)	N/A
Working Pressure: (Bar)	Atmospheric
Test Pressure: (Bar)	0.14
Certifications & Approvals:	CSC, TIR, ISO 1496

Container Features



Construction

1. Weather resistant carbon steel internal tank and protective outer wall
2. Insulated cavity (Mineral Wool 50mm min thickness)
3. Walkway chequer plate
4. High temperature paint system (black colour as standard)

Handling

5. Fully Intermodal dimensions - ISO 668 compliant
6. Corner castings for lifting - ISO 1161 compliant
7. Stacking as per ISO standards when empty (192,000kg)

Access

8. 600mm Manway with galvanised cover and removable safety grille (double manway optional)

Filling & Discharge

9. 3" or 4" Discharge nozzle above heater
10. Low level fill nozzle with internal anti-syphon riser
11. Drain Connection below heater tubes

Pressures & Relief

12. Roof mounted double 4" venting nozzle with goose neck pipe fitting

Monitoring

13. ½ " BSP Thermowells fitted - compatible with PT100 probes
14. Nozzles for level control instruments (customisable)

Container Variants & Options



Direct Fire Heating

- 15A. 10" & 8" Seamless Pipe heater tubes, complete with burner attachment fittings and collapsible exhaust flues
16. Complete Burner Set & Control Panel (Diesel or Gas powered) (*)
17. Flame Liners (Carbon or Stainless steel) (*)



Steam/Thermal Fluid Heating

15. 2" Seamless Pipe heating coil complete with ANSI Class 150 flanges
18. Thermal circuit Isolation valves (*)

(*) Optional Heating Equipment



Electrical Heating

- 15C. 2" Seamless Pipe heating tubes
19. Heating Element Set (*)
20. Control Panel (*)

Optional Extras Available: Level Control Packages, Agitator Mounts, Recirculation Lines, Filtration Devices, Internal Access Ladders and more. Please get in touch for bespoke requirements.