



HIGH PERFORMANCE STORAGE BITUTAINER™



A THERMALLY EFFICIENT, INNOVATIVE SOLUTION FOR BITUMEN STORAGE

Features & Benefits

Thermal Performance

Designed with an increased insulation cavity to maximise heat retention as well as modified tank features to minimise heat sinking

Specialist Product Storage

Can be used to maintain product batches at temperature for blending, mixing or feeding into plant system. Agitation options are also available

Self-Contained

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

Ease of Mobility

Quick and cost efficient to transport, install and commission on site

Uses Include

Emulsion and PMB storage at maintained temperature level.

Can work in conjunction with an existing storage setup.

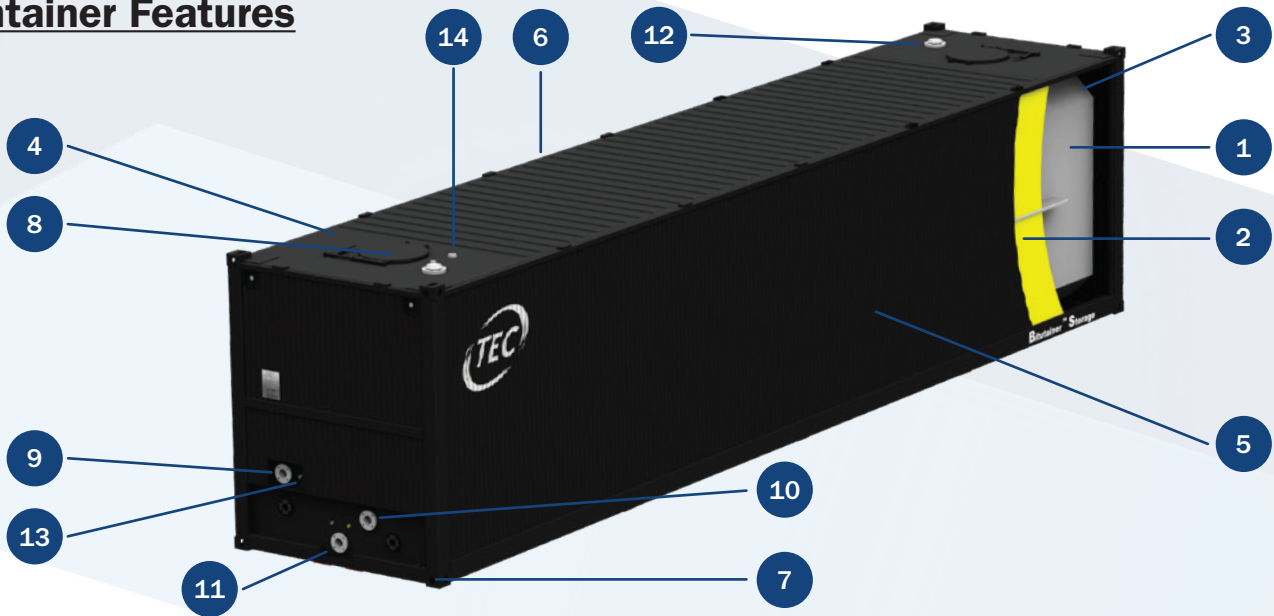
Suitable for long or short term storage of all bitumen types and many other products.



Technical Data

| | |
|---|------------------------|
| External dimensions - Length x Width x Height: (mm) | 12,192 x 2,438 x 2,896 |
| Max. capacity: (m3) | 60 |
| 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 isolated carbon steel internal tank and protective wall |
| 2. | Insulated cavity with Mineral Wool 100mm min thickness (150/200mm as an option) |
| 3. | Chamfered tank corners for max discharge |
| 4. | Walkway Chequer plate |
| 5. | High temperature paint system (black colour as standard) |

Handling

- | | |
|----|--|
| 6. | Fully Intermodal dimensions - ISO 668 compliant |
| 7. | Corner castings for lifting - ISO 1161 compliant |

Access

- | | |
|----|---|
| 8. | Double 600mm Manway with galvanised cover and removable safety grille |
|----|---|

Filling & Discharge

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|-----|---|
| 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 - Mechanical dial thermometer supplied |
| 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

- 15B. 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: Internal access Ladders, Agitator Mounts, Recirculation Lines, Filtration Devices. Please get in touch for bespoke requirements.