



## 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)  |
| 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.