



IMDG TRANSPORT BITUTAINER™



ROBUST & EFFICIENT TRANSPORT SOLUTION FOR HOT LIQUID BITUMEN AND FUEL OILS

Features & Benefits

Fully Certified

Meets all international standards for the transport of hot bitumen, cutbacks, crude oils, HFO and other fuel oils

Highly Robust

A T3 rated internal pressure vessel coupled with a protective outer wall and impact protection plates makes the IMDG Bitutainer™ a far stronger and durable offering than a standard ISO tank design

Versatile in Operation

Flexibility to move product in whichever form best suits the logistic, without the need for cool down times

Thermal Efficiency

Quick to heat up and slow to cool down thanks to the highly efficient Bitutainer™ immersed heater tube configuration and heavy insulation

Environmental Protection

Double walled design and sealed cavity provides secondary containment in the unlikely event of a tank leakage

Uses Include

For the movement of hot liquid bitumen and cutbacks.

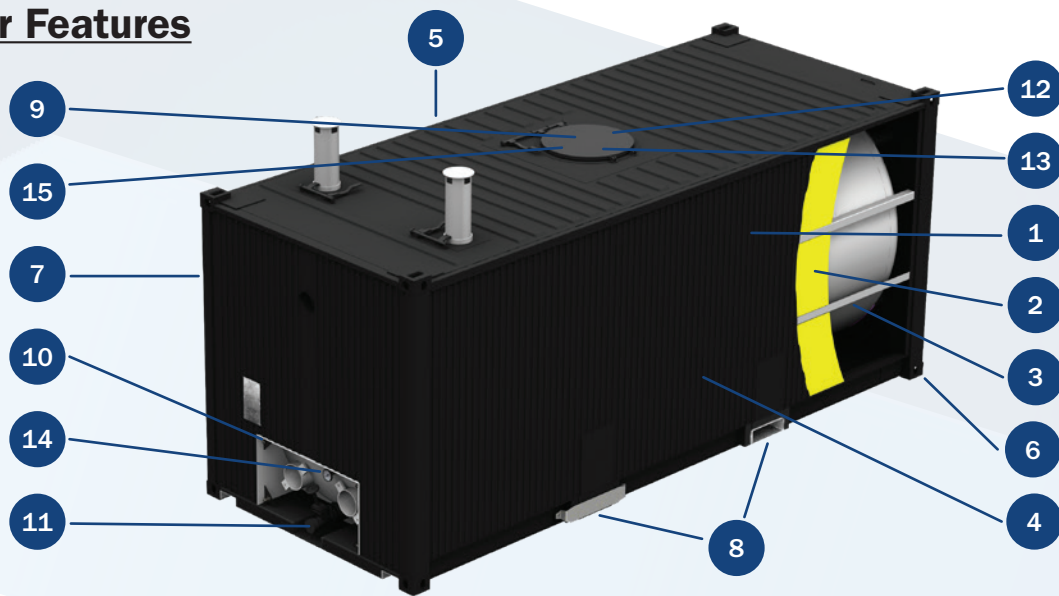
US DOT and TC rated for US/Canada based transportation.

Suitable for transport of many other products.

Technical Data

	24T	20T
External dimensions - Length x Width x Height: (mm)	6,058 x 2,438 x 2,591	
Max. capacity: (m3)	24	22
Max. gross weight: (Kg)	30,480	26,000
Tare weight : (Kg)	<6,500	<5,900
Payload: (Kg)	23,980	20,100
Working Pressure: (Bar)	2.65	2.65
Internal Test Pressure: (Bar)	4	4
External Pressure	-0.21	-0.21
Certifications & Approvals:	CSC, TIR, ISO 1496-3, ADR/RID, US DOT, TC	

Container Features



Construction

- | | |
|----|---|
| 1. | Weather resistant isolated carbon steel internal tank and protective wall |
| 2. | Insulated cavity (avg 100mm thick mineral wool, combined with 10mm thick high performance insulation board) |
| 3. | T3 rated internal cylindrical tank with internal baffles |
| 4. | High temperature paint system (black colour as standard) |

Handling

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| 5. | Fully Intermodal dimensions - ISO 668 compliant |
| 6. | Corner castings for lifting - ISO 1161 compliant |
| 7. | Stacking load up to 152,400kg |
| 8. | Forklift Pockets (to be blanked during transport operations) |

Access

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| 9. | 500mm diameter maintenance manway (removable insert with a 250mm hatch for inspection & filling) Lid above |
| 10. | Reinforced, removable heating & discharge area cover. With locking pins secured to Bitutainer with chain/wire |

Filling & Discharge

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| 11. | 3" Discharge Triple-closure gate valve |
| 12. | 250mm fill point fitted to manway insert |
| 13. | 3" Spare connection fitted to manway |

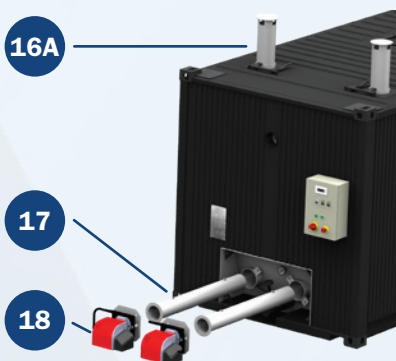
Monitoring

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|-----|--|
| 14. | Integrated Thermowells - with a mechanical dial thermometer supplied |
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Pressures & Relief

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| 15. | Pressure & vacuum relief valve fitted (3.33 bar pressure / 0.5 HG vacuum) |
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Container Variants & Options



Direct Fire Heating

16A. Bitutainer™ immersed Seamless heater tubes, complete with burner attachment fittings and collapsible exhaust flues

17. Flame Liners (Carbon or Stainless steel) (*)

18. Complete Burner Set & Control Panel (Diesel or Gas powered) (*)



Steam/Thermal Fluid Heating

16B. 2" Seamless Pipe heating coil complete with ANSI Class 150 flanges

19. Isolation valves (*)



Electrical Heating

16C. 4" Seamless Pipe heating tubes

20. Heating Element Set (*)

21. Control Panel (*)

(*) *Optional Heating Equipment*