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## PRODUCT DATA SHEET Hiltra®: Rental Chemotainer CT8-2200 L



Size Rental Chemotainer CT8-2200 L

Article number	311311311
Dimensions external WxDxH	approx. 5710 x 1484 x 3460 mm
Box dimensions BxDxH	2680 x 1300 x 1320 mm (4x)
Collection capacity	2200 litres (2x 1100 ltr)
Storage capacity in chemical pallets/IBCs	8 pieces
Storage capacity in europallets	12 pieces
Storage capacity in 200L drums	32 pieces

## Specifications Rental Chemotainer CT8-2200 L

[Chemotainer™ model CT8/2200 L: \(The specifications of the \(fire resistant\) Bigsavers® are mentioned further on\)](#)

Version 1.5 | 7-12-2018

### Basis of calculation:

- Structural strength calculation (for the chosen use) according to the Building Code and certain European and Dutch standards for steel structures (available on request) and when anchored to a level flat and levelled concrete floor.

### Version:

- Suitable for two-layer storage of (palletised) packaged hazardous substances.
- Fixed welded-in storage layers (the standard useful height distribution per layer can be changed on request)
- Load capacity of the slatted floor per storage layer up to 1,250 kg/m<sup>2</sup> with evenly distributed load.
- Point load of the grid floor up to 250 kg measured on a surface of 200x200 mm.

### Main load-bearing structure:

- Welded, steel main support structure manufactured in plain steel SA2.5 blasted and preserved with a 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/grey.

**Enclosure:**

- Roof, walls and sliding door leaves manufactured from ALUzink AZ185 sheet piling.
- Outer colour: (aluminium) grey.
- Finishing profiles of sendzimir galvanised steel.

**Sliding door(s):**

- Sliding doors are guided over the entire width at the bottom over a bottom guide profile.
- Swing door(s):
- Chemotainer™ model CT6 carried out with two-part, manually operated wing door lockable with espagnolette lock fitted with handle with built-in lock incl. 2 keys.

**Drip trays:**

- First storage layer provided with removable, liquid-tight welded drip trays made of blank steel sheet.
- Drip tray degreased and coated with approx. 80 µm zinc phosphate epoxy coating in RAL 7040/window grey.
- The inside of the drip tray is provided with a glass-fibre reinforced polyester coating (option G) to protect it against chemical attack. Resistance list on request.

**Grid floors (on drip tray and second layer):**

- Drip tray(s) and 2nd storage layer fitted with removable, galvanised grid floor segments, type R2.40/30x60 mm.
- Load capacity 1,250 kg/m<sup>2</sup> with evenly distributed load, point load 250 kg on a surface of 200x200 mm.

**Ventilation openings:**

- Natural ventilation and de-aeration through diametrical ventilation slots (high/low).
- Earthing, anchoring:
- Standard equipped with base plates for anchoring to the foundation (not including anchors).
- Grounding option via footplate and foundation anchor.

**Lifting facility:**

- Standard equipped with four lifting eyes on the roof surface for the sole purpose of craning the unit empty.
- Hazard identification:
- Hazard indication by pictograms Ø or ? 200 mm, symbol: "smoking and naked flame prohibited" and "flammable substances" (other pictograms available on request).

[HILTRA® BIGSAVER® MODEL BS-MB2, BS3000 and BS3002](#)

Version 1.0 | 31-01-2018

**Design/fire resistance:**

- The composite structure has been assessed by the accredited testing institute Efectis®.
- Efectis brandwerendheidsrapport: 94-CVB-R1178/2009-Efectis-R0834(Rev.1)/2010-Efectis-R1117-S.
- Designed as an independent fire compartment for the storage of packaged hazardous substances based on the Buildings Decree and the guideline PGS 15: 2016 version 1.0.

- Fire resistance (WBDBO) 60 minutes determined in case of a fire from outside and a fire from inside on all criteria of PGS 15:2016 version 1.0, regulation 3.2.9.

### **Housing (walls, roof and door):**

- Enclosure made of galvanised sheet piling.
- Inside made of non-flammable and insulating material finished with galvanised sheet.
- The roof is fitted with an integrated rain gutter on both long sides.
- Standard equipped with lifting device suitable for empty transport of the unit.
- Standard equipped with an earth connection.
- Standard with a free-standing pallet jack with a load capacity of 1000 kg/m2 evenly loaded. Pallet jack equipped with galvanised grid floor segments (option J).
- Double door according to EN 1634-1:2008 (EI160):
- Front side over total width and height with self-closing double-leaf door in case of fire.
- Right hand door provided with handle, panic bar, cylinder lock and door closer including automatic Thermolock fire door closing mechanism.
- Left hand door leaf on the inside fitted with espagnolette lock and door closer including automatic Thermolock fire door closing mechanism.
- Door rebate areas are provided with foam sealing strips so that they automatically close in case of fire.
- Door can be locked in an opening angle of approx. 90°, in case of fire the Thermolock breaks the lock and the door will close automatically in the latch.

### **Drip tray:**

- Completely liquid-tight welded drip tray made of steel plate with galvanised grid floor segments.
- Exterior protection: Drip tray SA2.5 shot blasted and protected with a 100 µm Acraton zinc phosphate epoxy coating in colour RAL 7005/mouse grey. (Option B)
- Interior preservation: Spillage tray SA2,5 blast cleaned and coated on the inside with a reinforced glass-fibre polyester coating to protect the drip tray(s) against the effects of chemicals. Resistance list on request. (Option G).

### **Ventilation openings:**

- Ventilation is provided by diametrically opposed ventilation openings inside and outside, finished with galvanised blade grilles.
- Standard equipped with flame retardant mesh and fire resistant louvres, so that they are automatically closed in case of fire.
- Flange ØxH=80x40 mm mounted in the roof to connect a ventilation duct to the outside air. (Option J)

### **Hazard identification:**

- Hazard identification by means of pictograms in accordance with PGS 15, Ø and/or ? 200 mm, symbol: "flammable (liquid) substances" and "fire, naked flame and smoking prohibited" (other pictograms available on request).

### **Optionally for rent:**

- Atex lighting.
- Atex heating/thermostat.
- Atex ventilation incl. motor protection switch

