

# DynaSEALR X

## Explosive Containment Chamber

DynaSEALR X explosive containment chambers are designed for Explosive Ordnance Disposal (EOD) teams to safely store or transport UXO, IED, chemical, and conventional munitions.

The DynaSEALR X series chambers are designed with front-line EOD technicians in mind. These chambers have large door openings that rotate 270° to make loading easier and a 50 m long wired remote control to keep EOD techs at a safe distance.

The modular design ensures that DynaSEALR X chambers can be tailored to meet different demands with regards to mobility, loading volume, and explosion capacity.



- Every unit is blast tested before shipping
- DDESB approved for 10 repeated detonations
- CBRE pneumatic sealing system
- Two robot buttons for alternative opening and closing by remote operated vehicle
- Largest doors on the market
- Doors rotate 270° for easy loading capabilities
- Operates on two twelve-volt batteries
- Wired three-button remote control for easy door operation from 50 m away
- Low maintenance costs compared to TCVs with a hydraulic system



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# Technical Data

Characteristics	DynaSEALR X10	DynaSEALR X12
<b>Explosive Rating (DDESB approved)</b>	5 kg/ 11 lbs. TNT-eq	8 kg/ 17.64 lbs. TNT-eq
Number of repeated detonations	10	10
Maximum one-time detonation	15 kg/ 33 lbs. TNT-eq	20 kg/ 44 lbs. TNT-eq
<b>Weight and Dimensions</b>		
Weight	~2 500 kg/ 5 512 lbs.	~3 900 kg/ 8 600 lbs.
Length closed	~2 030 mm/ 79.9"	~2 300 mm/ 90.6"
Length open	~2 760 mm/ 108.7"	~3 030 mm/ 119.3"
Width closed	~1 300 mm/ 51.2"	~1 550 mm/ 61.0"
Height	~1 510 mm/ 59.5"	~1 700 mm/ 67"
<b>Loaded Object</b>		
Door opening	~970 mm/ 38"	~1140 mm/ 44.9"
Package size (L x W x H)	900 x 500 x 450 mm (35.4 x 19.7 x 17.7")	900 x 800 x 650 mm (35.4 x 31.5 x 25.6")
Maximum weight of object	50 kg/ 110 lbs.	70 kg/ 154 lbs.

## Options

**Fragmentation Shield:** protects against leaking chemical fluids and fragment damage to the chamber walls

**Radiation Shielding:** integrated 30 mm thick layer of lead to protect against gamma radiation

**Wireless Remote Control:** enables wireless remote operation of the chamber door and seals

**CCTV System:** provides monitoring capability when loading or unloading an IED into the chamber

**Decontamination Treatment System:** designed to clean contained gases and decontaminate the chamber

**Gas Sampling Unit:** pulls liquid and/or vapor samples pre- and post-blast from closed chamber for analysis

**Aluminium Enclosure:** retractable all-weather cover designed to protect trailer-mounted chambers from the elements and conceal from public attention

## Mobility Options



Robotic Platform



Vehicle Mounted



Trailer Mounted

