



### Application

The insulated cabin with heating/cooling appliances is to be plugged into an electrical outlet. There are four chambers in stainless steel for temperature conditioning of ammunition before transport. After that, the system is disconnected from the main power supply, and moved to the test bay, where it is reconnected to the main power supply. The objective is to temper various ammunition types prior to test firing and ballistic testing.

### Industry

Ministries of Defence, military test centres and ammunition manufacturers.

### Operation mode

Ammunition or other missiles are pre-temperature conditioned to measure ballistic properties at different temperatures. The conditioning data and operation mode are documented in a software program.

### Technical data

Test space volume 4 EA à 1.0 x 0.6 x 1.25 m  
Temperature range -40 to +70 °C  
Explosion protected internal test space  
Auxiliary heater and air conditioner  
National Technical Inspection Authority approved for use on public roads



### Special features

Combination of temperature conditioning and movability under ex protection

### Experience

Weiss delivered numerous truck and trailer systems designed to individual sizes and performance criteria to various customers based on our experience and excellent references.

# Application Sheet

## Mobile Material Conditioning Trailer



### Application

The insulated cabin with heating/cooling appliances is to be plugged into an electrical outlet. It is used for temperature conditioning of various materials before transport. After that, the system is disconnected from the main power supply, and moved to the test bay, where it is reconnected to the main power supply. The objective is to temper e.g. various ammunition types prior to test firing and ballistic testing.

### Industry

Ministries of Defence, military test centres and ammunition manufacturers.

### Operation mode

Ammunition or other materials are pre-temperature conditioned to measure ballistic properties at different temperatures. The conditioning data and operation mode are documented in a software program.

### Options

- Generator
- LN<sub>2</sub> cooling
- Auxiliary vehicle heater or air conditioner

### Technical data

Test space volume 2.2 x 2.0 x 5.1 m  
 Temperature range -65 to +72 °C  
 Explosion protected internal test space  
 National Technical Inspection Authority approval

Temperature Conditioning Trailer  
 DE – 22612933

### Special features

Combination of temperature conditioning and mobility under ex protection.

### Experience

Weiss delivered numerous truck and trailer systems designed to individual performance criteria to various customers due to our experience and excellent references.



Výhradní zastoupení v České a Slovenské republice:  
**JD Dvořák, s.r.o.**  
 V Holešovičkách 14  
 180 00 Praha 8  
 obchod@testsysteme.cz  
 www.testsysteme.cz

**Weiss Umwelttechnik GmbH**  
 Greizer Str. 41-49  
 35447 Reiskirchen Germany

phone: +49 6408 84 0  
 sales@wut.com  
 www.weissdefence.info