

S-262 Shelter

THIS PROJECT WAS SPONSORED BY THE FINEP:



FINANCIADORA DE ESTUDOS E PROJETOS
MINISTÉRIO DA CIÊNCIA E TECNOLOGIA



Model	44989	
Construction	Aluminum/Honeycomb/Aluminum sandwich	
Opcional EMI shielding	dB	60 from 150kHz to 10GHz for eletromagnetic field and plane waves ASTM E 1851-04
Hoisting rings	4 x 2", cap. 1500kg per ring	
Thermal conductivity	W/m²K	1.7
Reference standard	MIL-PRF-44408C	
Weight	kg	206
Max. Load	kg	1294
Gross weight	kg	1500
Dimensions (LxWxH)	mm	1618x2000x1251
Part #	44989	

Description:

The S-262 Tactical Mobile Shelter was specially developed for installations of electronics and telecommunications equipment, being easily adaptable to the specific requirements of each application.

This shelter was developed to be transported on the Agrale AM 23 CD vehicle, or used in fixed operations.

The S-262 can be hoisted for transport by helicopter by its hoisting rings, and transported in the Lockheed C-130 or EMBRAER C-390 cargo planes while integrated to an Agrale AM 23 CD vehicle.

Transport vehicle:

- Agrale AM 23 CD

Characteristics:

- Lightweight, optimizing the transport vehicle load capacity usage
- Ruggedness, with high structural resistance allowing its usage with off-road vehicles
- Optional EMI shielding
- Thermal isolation, optimizing HVAC system usage efficiency
- High resistance to weather
- Military vehicles compatibility
- Not designed for human occupancy

Construction:

Walls, roof, and floor are made of vacuum-laminated Aluminum-Honeycomb-Aluminum sandwich panels. These panels present high structural resistance, corrosion resistance, acoustic isolation, thermal isolation, and low weight. Roof, floor, and each wall is formed by a single sandwich panel without seams.

The profiles forming the edges of the shelter are made of high strength extruded aluminum, contributing to the structural robustness.

The 8 vertices of the shelter are reinforced by high strength cast aluminum corners, the 4 upper ones being fitted with hoisting rings. The 4 lower corners are used for securing the shelter on the shelter carrier frame (AM 23 CD).

The access door has 3 Aluminum hinges, 3-point roller locks, and silicone rubber along the perimeter, ensuring a perfect sealing for the shelter. For the EMI shielding option, a conductive gasket is also used.

A roof access folding step stair can be installed as an option.

Integration:

The S-262 can be supplied integrated for a wide range of applications such as: telecommunications, communications and control, communication detection, interception and jamming, intelligence, electronic warfare, interference, location (direction finder), ammunition transport, etc.

RF COM builds and integrates each S-262 shelter according to the requirements and specifications of each application. The integration can include for example: External connection or equipment panels, generator group, isolated compartments for the generator and storage, HVAC system, racks, telescoping mast, support and cable entry/connectors for external antennas, etc.

Contact us about your application requirements.