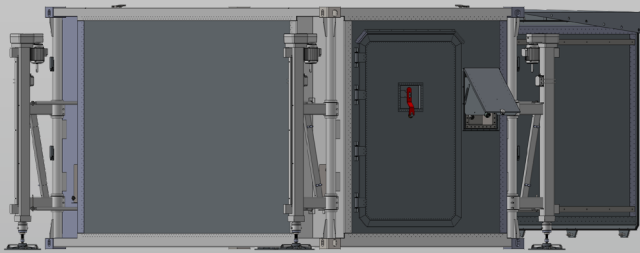




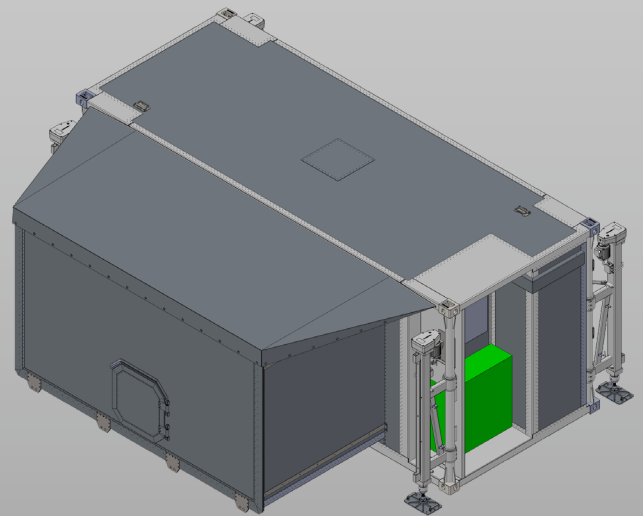
DEFENCE SYSTEMS • SHELTERS

ALEX SISTEMI S.P.A.

Expandable & fixed military shelters



ISO SHELTER FORMATS

10' / 20' / 40'NATO S-250 · S-280 · S-788
NCAGE: AH797

Fixed and expandable shelters engineered to military and NATO standards — fully integrated, air-transportable and ready for plug-and-play deployment in critical scenarios.

* PRODUCT OVERVIEW

Fixed and expandable military shelters are engineered for defence operations, delivering high reliability, modularity and rapid deployment. Expandable configurations significantly increase operational space once installed, while retaining compact dimensions for transport.

Solutions are fully integrated, combining electrical systems, HVAC, communications and operator consoles, and are supplied ready for plug-and-play use.

Designed to military and NATO standards, the shelters withstand severe environmental conditions and ensure operational continuity in critical scenarios.

Military Expandable & Fixed Shelters

* SPECIFICATIONS

ISO standards

10' / 20' / 40' (S-250 / S-280 / S-788)

Versions

Fixed & expandable shelter

Configurations

Air-transportable, auto-levelling, fully equipped

Compatibility

Military platforms & NATO containers

* MATERIALS

Carbon Steel

Stainless Steel (INOX)

Aluminium

* INSTALLATION

Desert

Marine

Land

* ENVIRONMENTAL AND OPERATING CONDITIONS

- **Qualified conditions:** Tested for real military operating conditions — extreme temperatures, transport and vibration, structural and environmental loads.
- **Environmental testing:** Thermal transfer, operational temperature and immersion capability tests passed for desert, marine and land environments.

* SAFETY AND PROTECTION

- Design compliant with military and NATO standards.
- Resistance to severe operating conditions.
- EMI protection / electromagnetic shielding.
- NBC systems (filtration and pressurisation).
- Environmental sealing (water-tight / dust-tight).
- High operational reliability.

* TESTING AND QUALITY CONTROL

Dimensional control

Painting & coating test

Electrical continuity, rigidity, earthing, insulation

Functional equipment test

Rain test

Load / drop test

Pressure test

Leak test

Weld inspection
PT · MT · UT

Thermal
-35 °C / +70 °C

* CERTIFICATIONS

ISO 9001:2015

MIL-STD 907

MIL-STD 810

MIL-STD 461 / 462

MIL-STD 285

MIL-STD 1472

MIL-STD 889

ASTM 1925-99
(ex MIL-STD 907-B)

NATO Standards
(S-250 / S-280 / S-788)

NATO I / II – ACE I / II / III

NCAGE Code: AH797

AQAP 2110

TULPS