

20-FOOT ISO SHELTER

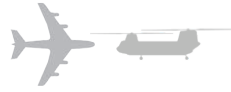


A non-expandable, versatile and rugged deployment system

PART NUMBER	
58301-012	with Mechanical Room (MR)
58302-001	Full Length (FL)
DIMENSIONS	
EXTERIOR	96"W X 238.4"L X 96"H*
INTERIOR (FL) wall to wall	86.7"W X 228.9"L X 85.9"H*
INTERIOR (MR) wall to wall	Main: 77.9"W X 157.3"L X 85.9"H* MR: 86.7"W X 42.7"L X 85.9"H*
NOMINAL TARE WEIGHT	
4,000 lbs.	Full Length, no MR
4,330 lbs.	w/MR and Fixed Corner Blocks
7,330 lbs.	w/MR, 20K Generator, 42K ECU, and Manual Jacks
MAX GROSS WT	FLOOR WEIGHT RATING
20,000 lbs.	Uniform Load: 65 lbs./sq.ft.
	Concentrated Load: 2,000 lbs. over 4 sq.ft.

*Dimensions and weights listed are typical. Actual dimensions and weights may vary based on customer requirements.

OPTIONAL CONFIGURATIONS	
Interior Layout	Equipment Racks, Workstations, Furnishings, Electrical Arrangements - can all be tailored to customer specifications
Mechanical Room	Environmental Control Unit, Generator Selection and Arrangement - to suit mission requirements
Door Arrangement	Standard End-Wall Personnel Door - can be relocated and/or supplemented with other doors
Lower ISO Corner Options	Fixed Lower Corner Blocks, Integral Manual Jacks, Integral Electric Jacks, and Retractable Corner Blocks
Complexing	Light-Tight Vestibules - connect shelter to shelter
CBRN Collective Protection	Filters, Positive Pressure Systems, and Protective Entrances
EMI/RFI Shielding	To protect critical battlefield systems



FEATURES

- Aluminum frame with bonded "Foam-and-Beam" structural panels
- ISO Certified for air, land, or sea transport
- CSC Certified - 6-high stackable and 20,000 lb. gross weight rating
- Meets all key performance specifications of ASTM E1925, ASTM E1976, ISO 1161-1990, and ISO 668-1995
- Internal Air Transportable (C-130 and larger military cargo aircraft)
- Fixed Lower Corner Blocks come standard but are not compatible with Air Mobility option
- Air Mobility options (**US & Foreign Patented**)
 - Lower Corner Block options:
 - Integral Manual Jacks
 - Integral Electric Jacks
 - Retractable Corner Blocks
 - Longitudinal Built-In "Roller Plates" interface with aircraft cargo roller conveyors to allow for direct aircraft loading without supplemental pallets
 - Detachable "Detent Rails" - engage aircraft 463L restraint rail system and eliminate need for tie-down chains
- Optional EMI/RFI shielding
- CARC or other exterior coating system per customer specifications
- Highly configurable: electrical system, on-board generator, environmental control unit, power and signal entry panels and distribution systems, door and interior arrangement, etc. - all can be tailored to meet specific end user requirements

APPLICATIONS

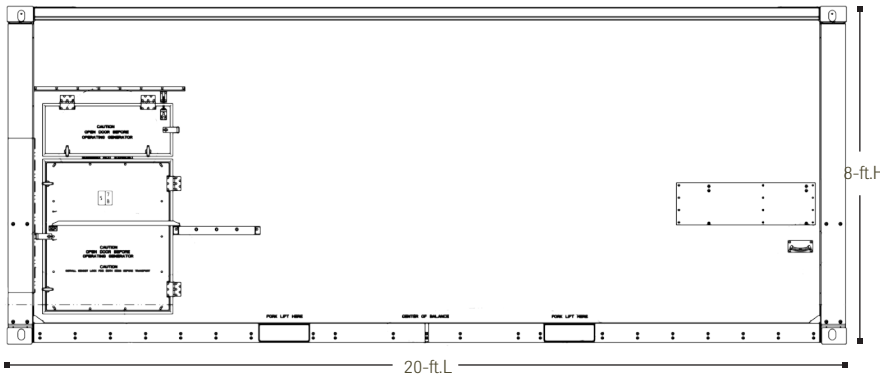
- Command, Control, Communications, and Computers (C4)
- C4, Intelligence, Surveillance, and Reconnaissance (C4ISR)
- Tactical Operations Center (TOC)
- CBRNE
- Weapons Control/Tracking
- Mobile Hospital
- Laboratory/Shop/Office
- Medical/Dental Facility
- Ablution Units

AAR aluminum ISO shown with optional integration



For more information or for a single part number for a customized shelter, call 800-355-2015

20-FOOT ISO SHELTER



Non-expandable 20-Foot ISO Shelter shown with mechanical room



TRANSPORT & HANDLING OPTIONS

ISO Mobilizer (Dolly Set):

- Rugged, easy-to-use, all-terrain rapid deployment option for air-mobile forces
- Load shelter directly into C-130 with mobilizer attached
- 24VDC electro-hydraulic system raises and lowers the shelter

ISO Mobility Trailer:

- Accepts standard 20-foot ISO shelters and containers
- For on-road and medium-duty off-road use

Internal Air Transport:

- Transportable by C-130 and larger military cargo aircraft
- Air Mobility options allow direct loading without supplemental pallets and tie-down chains (USAF certification pending)

Helicopter Sling-Load and Crane Lift:

- Upper ISO corner blocks can be used as sling attachment points (US Army certification pending)

Truck/Chassis:

- Shelter can be transported on any suitable flatbed truck and on standard ISO chassis

Fork Lift:

- One pair of fork tubes per ISO standards



20-Foot ISO Shelter being loaded onto an aircraft



20-Foot ISO Shelter positioned on a flatbed truck for transport



20-Foot ISO Shelter being fork lifted onto a K-Loader



ISO Mobility Trailer is available in 15,000 lb., 18,000 lb., and 28,000 lb. payload capacity

20-FOOT ISO SHELTER

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