

Lightweight Mobility Systems

- Internal Mobility System
- Reconfigurable
- Collapsible
- Certified for Air Transport for all Fixed and Rotary Wing Aircraft
- Extensively Used by Air Force Aircrew Flight Equipment (AFE) Shops
- Water, Sand/Dust Proof
- Pressure Equalizes through Venting System
- Maximum Towing Speed of 25 Miles per Hour
- Field Repairable and Recyclable



The ADVANTAC Advanced Reconfigurable Container™ is the next generation of state-of-the-art multi-functional mobile storage and delivery systems. These collapsible, reconfigurable, and self-contained shipping systems are constructed of an advanced composite material that is virtually indestructible. The line includes the original ARC™ with integrated towing wheels, and the smaller Genesis™ which has integrated wheel systems. The ARC™ and Genesis™, used together, can cube out the standard 463L pallet. The Cubit™ is a small stackable

container for organizing contents and sensitive equipment inside the two larger containers.

All systems use a state-of-the-art thermoplastic structural formulation that combines continuous fiberglass fibers in a hybrid thermoplastic matrix. It is extremely impact resistant, shock absorbent, and is resistant to aircraft fuels, hydraulic fluid, mildew, and ultra-violet light. This fire retardant container meets the FAA burn test requirements of FAR25.853 and FAR 25.855.



Cube a 463L Pallet



Integrated Towing



Guaranteed Load

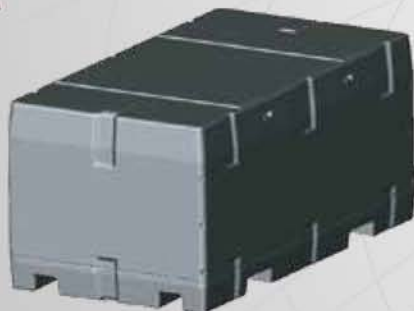


Collapsible





ARC™



The ARC™ provides dependable transport and protection of assets while containing features that provide multi-functionality. Fully assembled, the standard ARC™ configuration has external dimensions of 96" x 52" x 48", with optional heights ranging from 32" to 87". Collapsed, this mobility container is 96" x 52" x 16", allowing three collapsed containers to be stacked empty in the same storage space as one fully assembled container. This container has been specifically designed to provide many uses by transforming into various mission-essential configurations, including sleeping quarters, work desks, storage stations, and a water bladder trailer.

- Weighs less than 500 pounds
 - Internal dimensions provide approximately 108 cubic feet of storage
 - Withstands temperatures of -65° to 225°F
 - Load/offload without the use of a forklift, pallet jack, or other lifting device*
 - Designed to operate self sufficiently at a bare base or remote location
 - All wheel systems and other towing accessories are stored within the unit
 - Capable of being stacked upon itself at least three high when each is loaded with 2500 pounds
 - Hardware and locking mechanisms are recessed below the surface area of the crate to prevent damage during movement
 - Made of materials that resist rust, corrosion, dry rot, molding, mildew, ultra-violet light degradation, or other forms of deterioration
 - Capable of being passed through x-ray equipment when content analysis is required
 - Crate components can be used in medical x-ray situations. An injured person placed in the lid or on one of the side walls of the crate as a cot can be x-rayed by medical personnel
 - All walls provide secondary use as loading ramps
 - Interior is fully customizable
- * Load via aircraft rollers on V-22

GENESIS™



The Genesis™ allows deploying personnel the ability to completely utilize a standard 463L air cargo pallet. Because of their compact size, three Genesis™ containers stand evenly with two ARC™ containers to cube out a pallet. By themselves, nine Genesis™ containers will cube out a pallet. For loading into aircraft with sidewall loading restrictions, one of the top outside containers can be removed to accommodate the curvature and shape of the aircraft fuselage.

- Dimensions when fully assembled: 96" x 28" x 32" (with optional heights up to 71")
- Dimensions when collapsed: 96" x 28" x 16"
- Weighs approximately 180 pounds
- Recessed, retractable wheels

CUBIT™



The Cubit™ is a stackable container designed to help organize and separate contents into more manageable loads. Nested together, 12 Cubits™ fit perfectly within an ARC™, and 4 in a Genesis™. Each Cubit™ measures 45" x 23" x 12", includes built-in handles for easy mobility, and is virtually indestructible.

PROTECT YOUR ASSETS