



U N R I V A L E D P R O T E C T I O N

# LOADMASTER® TRANSIT CASES

## THESE CASES STACK UP

Loadmaster® rotationally molded transit cases are completely modular in all dimensions. The first of their kind, these patented cases offer superior performances and the world's most advanced modular stackability. All Loadmaster® Cases have modular dimensions and unique stacking features molded into the top and bottom surfaces allowing these cases to securely interlock when stacked. Molded-in inserts eliminate leak paths, keeping your equipment protected from the outside elements. This feature also helps prevent corrosion, as well as the collection of hazardous materials. All Loadmaster® Transit Cases feature molded-in inserts which allow external hardware to be easily changed with a screwdriver. Stainless steel fasteners and molded-in inserts provide the strongest hardware attachments available today. Loadmaster® Transit Cases have perfect 90° angle wall which maximizes interior volume and stacking efficiency.



## IDEAL CUSTOMER

- MILITARY
- COMMERCIAL
- TRANSIT

## FEATURES

- STACKABILITY
- FIELD REPLACEABLE HARDWARE
- MEETS MIL-STD-810G

THE ECS DIFFERENCE	ECS TRANSIT CASES	COMPETITORS ROTOMOLD
Interlocking Stackability	Patented Loadmaster® Interlocking Stacking Pattern	Varies
Zero Draft Angle	Yes	No
Field Replaceable Hardware	Yes	No
Modular	Fully Modular	No
Standard Colors	11+	4
Payload	Up to 350 lbs.	Up to 150 lbs.
Size Options	150+	Varies
Fastener Inserts & Lid Hangers	Molded-in threaded inserts to eliminate leak and NBC paths	Riveted
Features	S/S Black Oxide Hardware, Ergonomic Handles, Air Valves, Gaskets	Varies
Options	Hinges, Caters, Lid Pouches, Locking Latches, Forklift RotoCubes, Custom Foam	Varies

## MODULAR STACKABILITY OF ALL LOADMASTER® CASES

Modular dimensions and unique stacking features molded into the top and bottom surfaces of Loadmaster® cases allow these cases to securely interlock when stacked.

- Loadmaster® cases work like a set of children's building blocks. Two 12-inch high cases can be stacked together alongside one 24-inch high case. A fourth case can be stacked over the tops of all three lower cases. There are endless combinations of stacked blocks that can be created from a set of children's wooden building blocks. And, there is limitless flexibility when stacking groups of Loadmaster® modular rotomolded cases.
- The modular dimensions of Loadmaster® cases allow identical stacking features on one Loadmaster® case size to interlock with the stacking features on all other Loadmaster® case sizes.
- Any Loadmaster® case size can be rotated 90-degrees in the horizontal plane and its stacking features will interlock securely with all other Loadmaster® case sizes.
- Unusual groupings of Loadmaster® cases efficiently fit onto 463L military pallets. Modular dimensions for these cases were selected by ECS for maximum utilization of the 463L pallet.
- Loadmaster® rotomolded transit cases are also fully stackable with TSC composite rackmount cases which are equipped with Loadmaster® stacking features.

## COMPETITORS' ROTOMOLDED CASES DESIGNS ARE OBSOLETE

Loadmaster® Modular Cases provide major innovations in transit case design that can't be matched by the antiquated designs offered by ECS competitors.

- Competitors' cases aren't modular. Non-modular cases weren't conceived as a family of related building blocks (similar to Lincoln Logs® or Legos®) that would need to work together. Competitors' cases don't incorporate a modular system of dimensions. Therefore, most rotomolded cases manufactured by ECS competitors don't fit together efficiently.
- Competitors' cases of different sizes won't stack together securely because the stacking features of their cases aren't modular. Each of their case sizes has its own unique stacking rib design. Therefore, dissimilar case sizes, with dissimilar stacking rib dimensions, don't stack together effectively.
- Competitors' cases don't efficiently utilize the surface area of 463L military pallets. It's easy to stack a group of identical cases onto any pallet size, but combinations of different case sizes can only be effectively stacked onto pallets using the Loadmaster® modular system.

## TOTAL PROTECTION FROM THE WORLD'S ENVIRONMENTS

Loadmaster® Transit cases are ideal for military applications which require uncompromised protection from moisture, dust, sand and battlefield contaminants. Water tight cases provide protection from moisture, salt spray, sand and dust throughout the world's climate

extremes. Each case has a water-proof gasket and an automatic air pressure relief valve. Impervious to fuels, oils and solvents, they can also be decontaminated if exposed to chemical warfare agents.

## FOAM CUSHIONS AND SHOCK MOUNTS FOR PROTECTION

Fabricated foam cushions are frequently used in Loadmaster® rotomolded transit cases to contain individual pieces of equipment and to provide shock and vibration protection. ECS has sophisticated foam cushion design and manufacturing capabilities which include CAD/CAM controlled foam cutting machinery and water-jet foam cutting equipment. There are virtually no limits to the range of foam cushion materials or the shapes and sizes of fabricated foam cushions that can be manufactured by ECS.

## OPTIONAL FEATURES AND CAPABILITIES

Loadmaster® cases are available with many options.

- Tote versions – Loadmaster® rotomolded case sizes are available with tote handles and casters. Loadmaster® tote cases are modular in size so they are stackable with all other Loadmaster® transit cases and Loadmaster® versions of TSC composite rackmount cases from ECS.
- Platform versions – Shock mounts are not the most common form of shock and vibration control for standard transit cases, but ECS can install shock mounts and/or shock mounted equipment platforms inside any Loadmaster® rotomolded transit case. Optional shock mount configurations and spring rates can be provided to support a broad range of equipment weights and equipment centers-of-gravity.
- Colors – Loadmaster® rotomolded transit cases can be manufactured in virtually any color. However, most Loadmaster® cases are manufactured in commonly used military colors such as olive, desert tan, medium gray, black and earth tone, and these are the case colors ECS keeps in stock.

## MILITARY GRADE

Loadmaster® rotomold transit cases exceed the requirements of military specifications for transportable cases. Performance verification testing to MIL-STD 810 is routinely performed at ECS Case.

## MIL-STD-810G PERFORMANCE TESTING FOR:

- High and Low Temperature
- Drop Testing
- Transportation Vibration
- Loose Cargo Bounce
- Water Submersion/Wind Blown Rain
- Fungus Growth
- Low Pressure