

aerobox™

LIGHTWEIGHT & MODULAR CONTAINERS



General characteristics

Lightweight aluminium and composite construction

90% bolted/riveted construction minimum welding
= reduced distortion and improved mechanical properties

Modular interior outfit to suit all needs,
office, workshop, changing room or storage

Weathertight access door, either hinged or roller shutter

Skylight, windows, thermal and sound insulation

Vinyl wrap or painted exterior

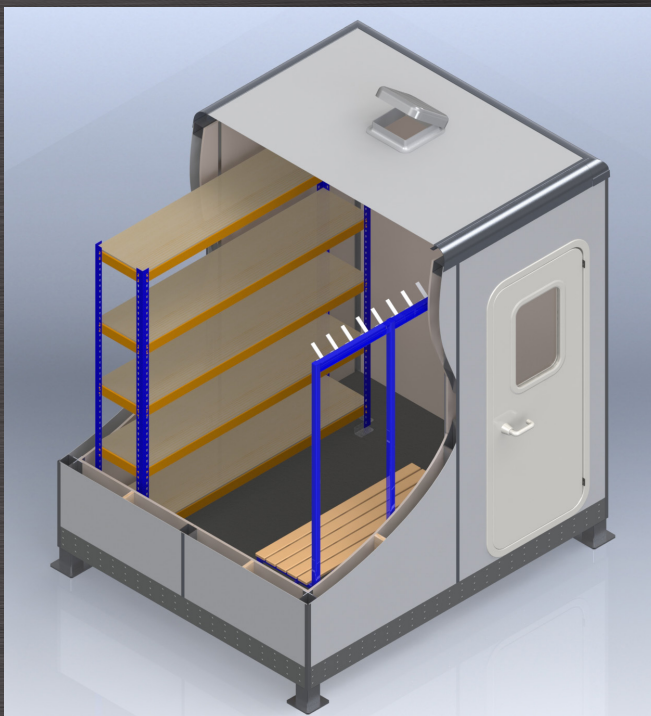
Size options: 10ft, 16ft and 20ft or bespoke

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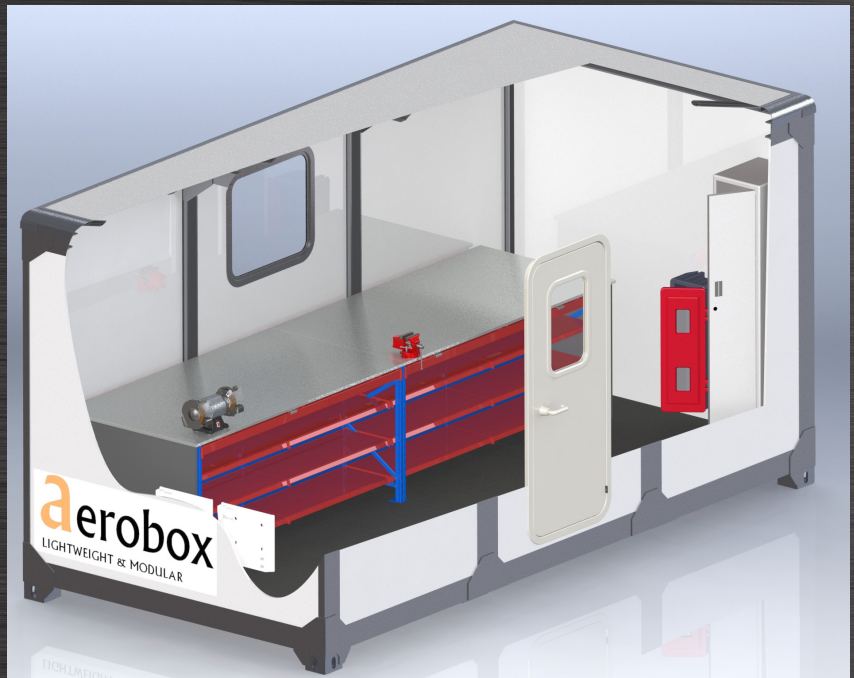
aerobox™ is available in 6ft, 10ft, 16ft, 20ft, 40ft and bespoke sizes. The aerobox™ has been developed from ideas created by Alicat Marine Design (AMD) whilst designing bespoke trailers for the road transport industry. AMD have designed multiple aluminium and composite road trailers for lorries and large commercial vehicles. It is with better understanding of lightweight cost effective construction which has led to the development of the aerobox™.



aerobox™ is constructed using a combination of composite and aluminium materials bonded and riveted together to form a rigid lightweight external structure. Throughout the design and construction of aerobox™ careful attention is placed on maximising the allowable mechanical properties of the materials utilised. This means minimum cut outs in the material and minimum welding. By joining the aluminium cold rather than via welding the mechanical properties are almost double meaning that smaller sections of aluminium can then be used. The combined effect means the structure is lighter than traditional methods with less distortion leading to a better overall product.

Workshop

aerobox™ can be configured as a workshop. Benches around the exterior together with shelves, racking and tool chests. A-top of the benches it is possible to fit pillar drills, construction vice and a grinder. The workshop configuration is available for both onshore and offshore applications.



Survey Office

aerobox™ can be configured as a survey suite with insulated server area, computer and survey equipment. A sampling area can be created for storage of sea samples on collection.



Changing Room

aerobox™ in its most simplest form works perfectly as a changing room. With benches around the perimeter, hanging rails and a drying facility it is ideal offshore for crew and technicians to get changed where space inside the vessel is lacking, onshore to expand site facilities, or for other applications whereas changing rooms may be required such as sporting events, festivals and stage productions, seasonal or temporary roadside facilities.



aerobox

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Designed by Alicat Marine Design
Built by Alicat Workboats
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10ft aerobox

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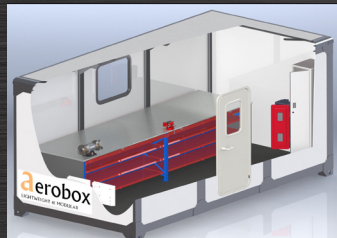
16ft aerobox

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20ft aerobox

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