

SWIFTCO ALUMINUM TRAILERS

Swiftco Aluminium Boat Trailers

Swiftco have now added aluminium trailers to their fleet of high quality trailers. These can be made in a wide range of designs, built to your specifications to suit your custom design or buy one of our trailers in stock up to 4.5tonne.

All manufactured by Swiftco trailers, therefore Australian engineered and fully certified under the new Federal Road Vehicle Standards legislation.

- Aluminium chassis that wont rust
- Industry leading 6 year frame warranty
- Lighter in design
- Keel ladder roller as standard
- Australian engineered
- Not bent aluminium which is an inferior design.
- Your choice of skid/bunks or rollers

ENGINEERING DESIGN

Swiftco have designed their aluminium trailers along with their inhouse engineer who was the leading Aerospace Engineer and Finite Element Analysis Consultant for companies such as Boeing, Airbus, Northrop and UTC Aerospace.

Unlike other manufacturers who construct bend aluminium for boat trailer frames, Swiftco have a stronger composite joint.

Swiftco's design of two mild steel plates, opposed to bent continuous aluminium of other manufactures are therefore proven superior due to the strength, durability and longevity in comparison. Swiftco uses 2 off 6 mm thick mild steel plates at the joint making it a total of 12mm thickness. Other manufacturers are using only 6mm thick

Our joint design is at minimum twice as strong as the continuous aluminium I beam at the joint location. This is how aeroplane joints are designed, they are stronger, stiffer and more durable. This joint actually adds to the mechanical performance of the structure.

ENGINEERING TESTING

Swiftco composite joint has gone through full laboratory testing and each of their joints can withstand over 4000kg of load. That's a total of 8000kg of capability per trailer where only 2250kg is required by Australian Design Rules.

COMPARISON DESIGNS

Other manufacturer who insists on bent continuous aluminium beams are only a T5 or T4 temper softer material with maximum 270MPa strength.

Swiftco aluminium beams are T6 temper with 380MPa up to 500MPa strength, providing you with a much stronger frame for towing your prized possession

As you are dealing direct with the manufacturer, these trailers are very affordable. Contact SWIFTCO to get your boat towed on a SUPERIOR aluminium trailer