

SALAMANDER



THE UNIQUE AMPHIBIAS TRAILER

Concept

A lightweight, all aluminium trailer capable of transporting a large volume of goods, medicines and equipment to the very remotest regions of the African continent. The unique feature of the **SALAMANDER** is that besides its rugged, truly off road capability, it is also capable of transporting the towing vehicle and the trailer load across any reasonably calm body of water safely and quickly. With the accommodation module erected and the wheels removed from the trailer, one would have the use of a boat and a trailer with a very comfortable, self- contained accommodation module as a base camp. A truly unstoppable combination.

A group of trailers can be linked end on end to each other to form a floating bridge, similar to the Bailey type bridge. The **SALAMANDER** will fit into a standard shipping container for ease of transport.



Operation

The triple axle trailer with sealed wheel bearings and disc brakes can carry a load of up to 2,500 Kgs. (Depending on the capacity of the towing vehicle being used) Over very rough terrain and when a body of water is encountered and needs to be crossed, the trailer is launched, the sealed cargo /accommodation module is floated off the trailer and the towing vehicle is driven onto the trailer all with the assistance of a suitable winch fitted to the towing vehicle. Once on board the outboard motor is used to propel the trailer which also then tows the cargo/accommodation module behind it, to the opposite bank. Once there the procedure is reversed and the vehicle is once more on its way.

Cargo module

The cargo module which fits inside the trailer, can be custom made to suit various applications such as equipment transportation, accommodation or even as a refrigerated unit to carry medical supplies or food.