

CRUSOE[®]™
CRAFT & MARINE

18 FT TRI





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one-of-a-kind
Trimaran

Inspired by the need to explore

Our inspiration traverses the globe. Starting with the robust canoes of the Eskimos and North American Indians and working our way to Hawaii and the Polynesians, to the source from which we drew our design traits, namely: the East African Trimaran Dugouts and sailing Galowa's.

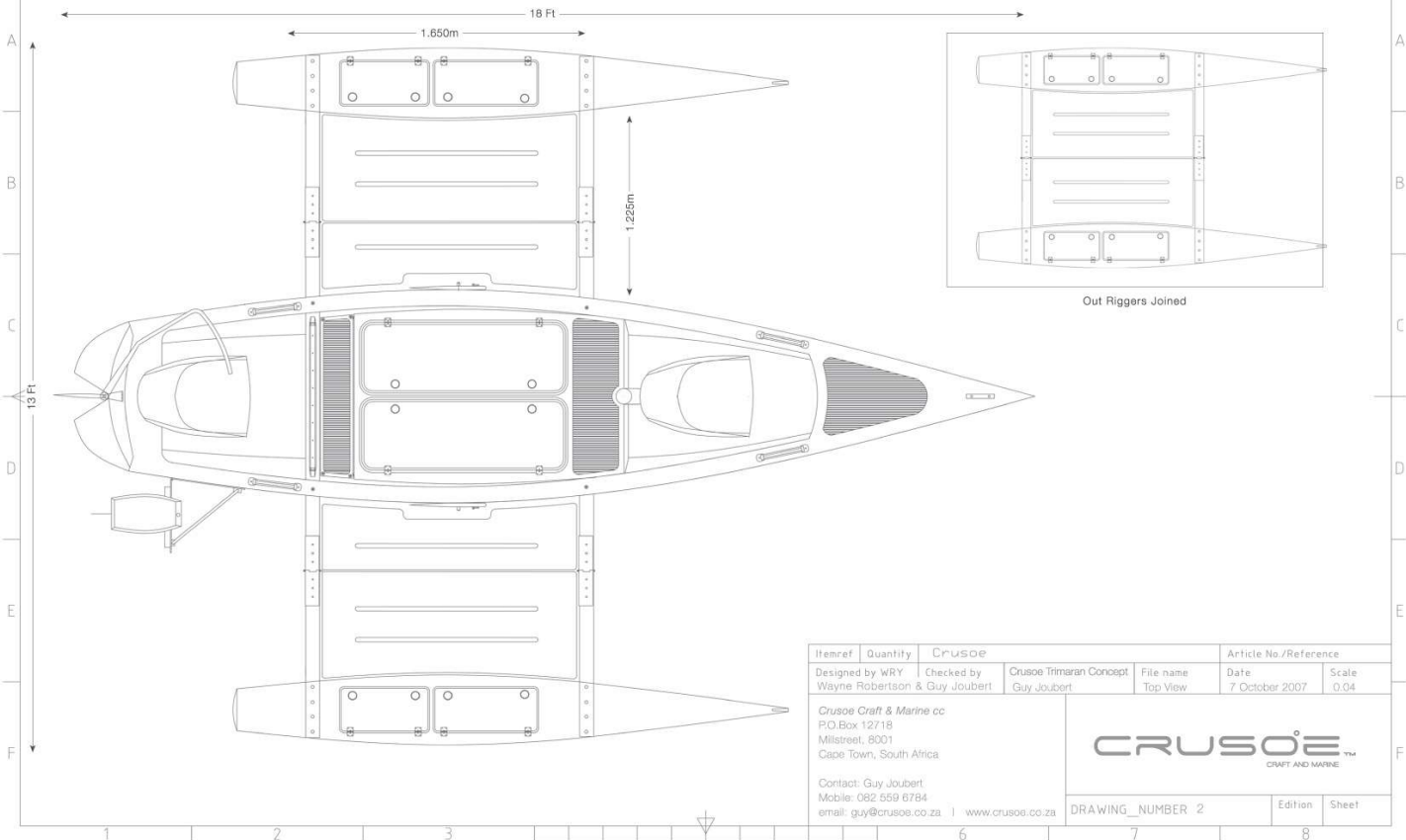
Rugged, over specced, practical and portable, the Crusoe 18ft Tri is highly distinctive. The design sports a fully battened fat head rig and self-furling jib that can be upgraded to include a roller furler schreecher. Alternatively, switch over to electric or 4-stoke power and a low impact, high speed motoring sailor comes to the fore.

Small, yet innovative design details ensure that the craft boasts impressive mobility and maximum ease of use. The modular

configuration of the Tri also points to a craft that can overcome many adverse conditions. With shallow draft capabilities and deep-water offshore safety features, purpose-engineered components have been sourced or extruded to ensure that she operates at her peak.

Crusoe's lust for the wilderness puts this cross-adventure "bivouac-class tri" to the test, ensuring that it always comes out on top when challenged to perform. Starting out as a compact motorised single outrigger, she can easily convert to a sailing double to adapt to a variety of conditions or requirements.

Thus, whether skippered by a seasoned waterman, or a newcomer to sailing and boating - we have engineered functionality into the design while essentially following very basic guidelines that have proved themselves over the centuries.



| Itemref | Quantity | CRUSOE | Article No./Reference | |
|--|--|-------------------------|-----------------------|---------------------|
| Designed by WRY | Checked by Wayne Robertson & Guy Joubert | Crusoe Trimaran Concept | File name Top View | Date 7 October 2007 |
| | | Guy Joubert | | Scale 0.04 |
| Crusoe Craft & Marine cc P.O.Box 12718 Millstreet, 8001 Cape Town, South Africa Contact: Guy Joubert Mobile: 082 559 6784 email: guy@crusoe.co.za www.crusoe.co.za | | | | |
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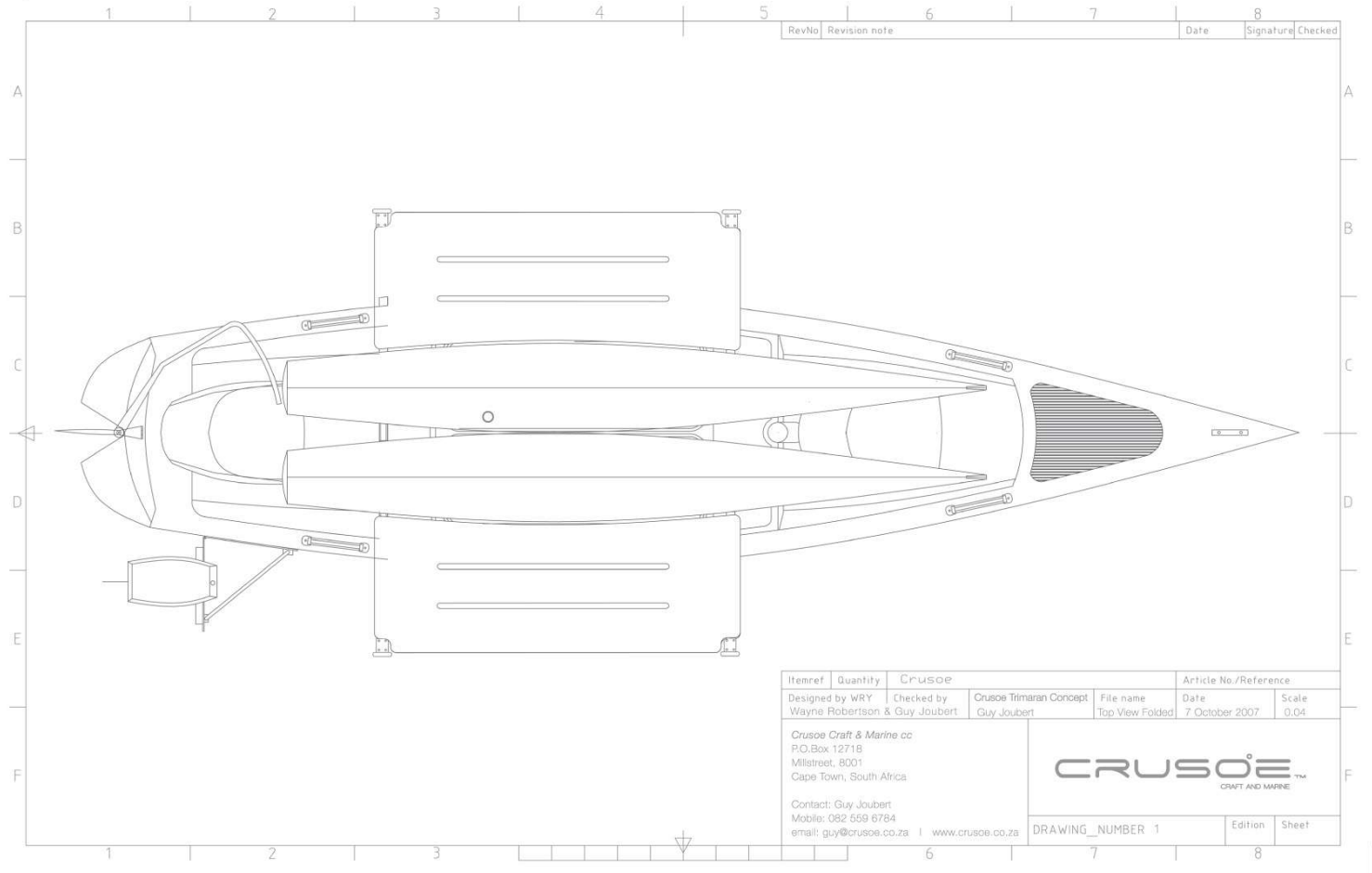
practical
& portable

The crusoe craft specifications

Crusoe Craft & Marine has deliberately chosen materials and components that are well-suited for cross-adventuring

[water-based photography, game viewing, fishing, diving, surfing and sailing].





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| Wayne Robertson & Guy Joubert | Guy Joubert | Guy Joubert | Top View Folded | 7 October 2007 |
| Crusoe Craft & Marine cc P.O.Box 12718 Millstreet, 8001 Cape Town, South Africa | | | Scale | 0.04 |
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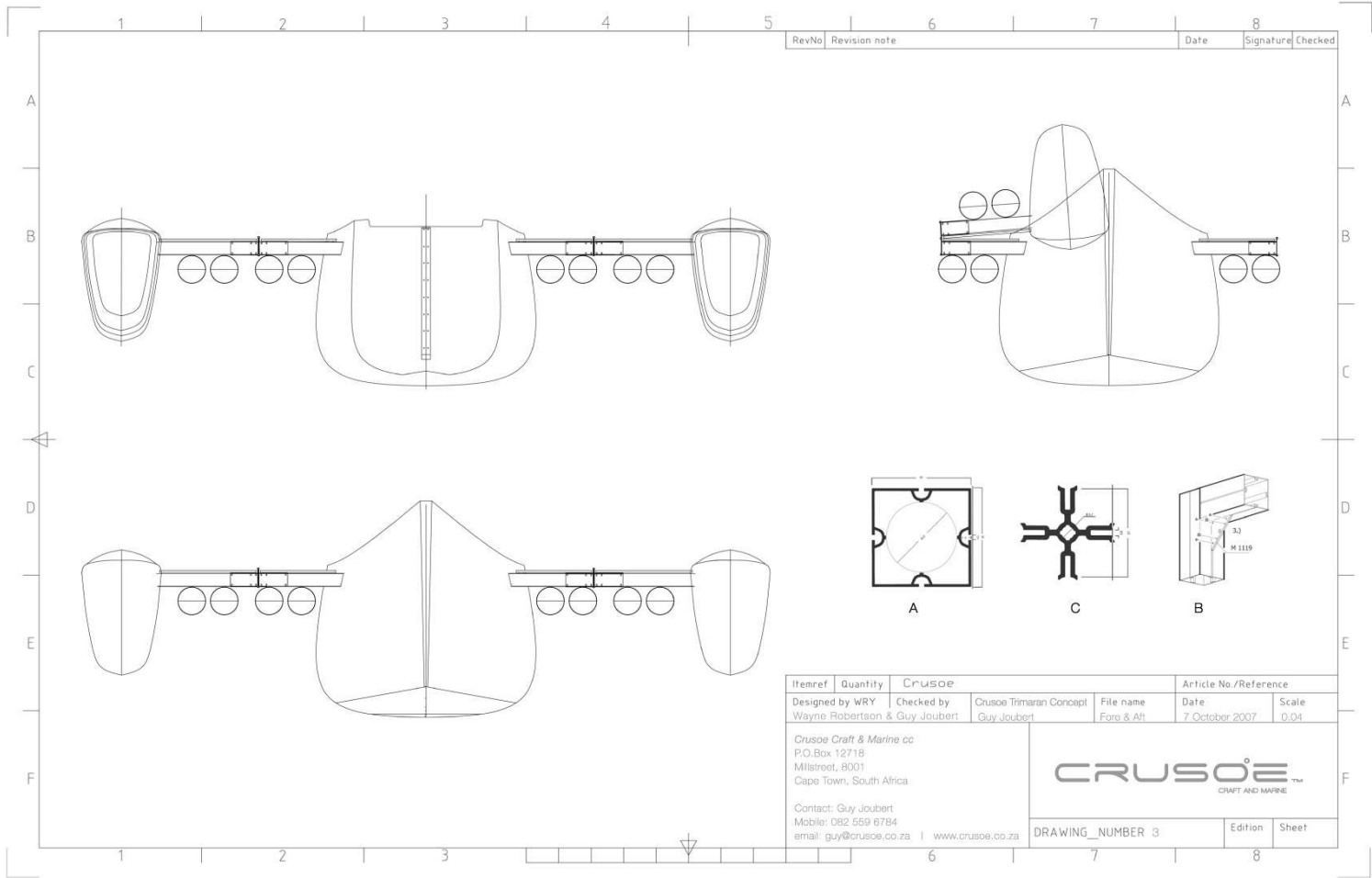


polyester resin
stainless steel
& aluminium

Hull and pontoons

Polyester resin and traditional fibreglass has been used throughout the standard models, with the option of composite epoxy models to follow. As an attractive and eco-friendly alternative to deck grip finishes, new era imitation teak by Stazo Marinedeck will grace the deck

inserts [chosen for grip, durability, fish ability and its fresh water attributes] or can be customized to include traditional teak decking. Crusoe can also offer numerous finishes for the pontoon hatches, which include carbon graphite and fiber-glassed wood veneers.



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| Designed by WRY | Checked by Wayne Robertson & Guy Joubert | Crusoe Trimaran Concept Guy Joubert | File name Fors & Aft |
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| Crusoe Craft & Marine cc P.O.Box 12718 Millsstreet, 8001 Cape Town, South Africa. Contact: Guy Joubert Mobile: 082 559 6784 email: guy@crusoe.co.za www.crusoe.co.za | | | <div style="text-align: center;"> </div> |
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strength
& function

Outrigger spars and cross-members

25 Micron anodised 80x80 extruded aluminium was chosen as a principle component of the craft's overall design with reinforced inserts in hi-tare areas.


[See line drawing on previous page.]

Given the lock-in functionality on the extrusions, one can add or remove stowage tubes and sporting equipment accessories with ease.



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| Itemref | Quantity | CRUSOE | | Article No./Reference | |
| Designed by WRY | Checked by Wayne Robertson & Guy Joubert | Crusoe Trimaran Concept | File name Side View | Date 7 October 2007 | Scale D.04 |
| Crusoe Craft & Marine cc P.O. Box 12718 Milstreet, 8001 Cape Town, South Africa Contact: Guy Joubert Mobile: 082 559 8784 email: guy@crusoe.co.za www.crusoe.co.za | | |  | | |
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CRUSOE

CRUSOETM
CRUFT S. MARINE



ergonomic
design

Seating and stowage

Specs: Weight = 320 kg, Tare = 680 kg, Load capacity = 360 kg,
Length = 18ft [5.486m], Beam = 13ft [4m], Draft = 230mm
Sail area = 18.29m [excl. asymmetrical kite]

Seating

The Crusoe craft features ergonomic rotating seats, which are ideal for rowing or paddling. Included is a marine grade acrylic padded seat cover that comes with an optional purpose-designed backpack that clips to the backrest upright for easy reach. There is also stowage beneath the seats in the form of a drawer system, and both the seat and its custom mounting are removable for use ashore.

Aft Stowage-cupboard

The aft-cupboard is made up of a three-tiered system which includes: a drawer, a foul weather gear locker and a sealed lower unit that can be used for the stowage of 2 fuel tanks or a bank of deep cycle batteries. The aft stowage-cupboard finishes flush with the deck mounting and is covered with a textured non-slip finish or mock teak inlay - ideal for elevated tillering.

Mid-ships

Level with the gunwales, there are two ergonomically designed watertight hatches. These feature removable and overlapping lids. [Load Capacity = 985 litres.]



strength
& function

Stowage cont... drainage and flotation

Mid-ships

Of the two sealed removable locker lids and liners, one of the liners can be modified for insulation. Size wise, the locker can accommodate an Engel fridge, deep cycle battery and a trickle charger unit.

Future models will offer the choice of including a sealed [if necessary] but well ventilated closed foam lined "kids pod". This innovative addition would house two fold down seats and Perspex viewing towers. As with the stowage hatches, these cells will be removable, making them ideal for camping trips. [Mosquito proofing will also be incorporated into the design for use in malaria areas.]

There is also a "self draining well" situated forward of the two oversized bins. Accessible from above, this well can double-up as a fish box, live bait well or icebox.

Fore stowage

A screw off watertight dingy hatch is located on the bulkhead in front of the forward passenger seat. The anchor locker is a reinforced box that sits high within this cavity, offering easy access from above.

Drainage

Sealed tubing links the fore and aft foot wells and can be plugged to avoid contamination should the boat be used as a fishing craft. The aft foot wells have self-sealing scuppers that dispel water to drains situated on top of the sugar scoop.

Flotation

The centre craft is constructed from two balsa core construction moulds [deck and hull], which are "sandwiched" together using expanding foam that firmly bonds them in place. This construction method provides closed cell flotation and in the event of impact, will ensure that any punctures are isolated to the outer skin.





CRUSOE[®]
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innovation in
design

Paddles, spars and steering

Paddles and spars

Crusoe Craft & Marine has designed dual-purpose paddles that can also be used as oars. These light, ergonomically designed paddles are ideal for poling or pushing off. A telescopic aluminium pole is also available for shallow water skiff-style operation.

Steering [Tiller]

The Crusoe tiller is also highly unique. Oversized and over-specified, the marine grade stainless steel tiller has a kick-up mechanism - in the event of impact. The design also enables the skipper to retract the tiller blade through a pinch bolt sleeve in shallow conditions or remove it altogether when on anchor.



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reinforced
attachment
points

Fold away transom

Foldaway transom

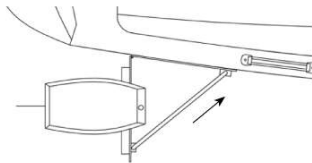
Our trademark foldaway transom is an ingenious system that sits flush with the hull line when not in use. Made of high-grade stainless steel, it adds yet another distinguishing feature to a long list of purpose-designed working parts.

Other attributes

All of Crusoe's stand alone centre craft have reinforced attachment points built into the superstructure for the mast, outriggers, fore-stay

and dagger-boards. All are engineered to stand the rigours of extreme conditions. They boast faceplates that conceal the mountings and can be quickly removed for addition or inserting of the respective components.

Last on our list of accessories is a removable guiding/standing platform that locates into two sleeves that sit flush with the sugar scoop. A non-slip platform made from moulded fiberglass sits on top of a framework of stainless steel tubing which results in a versatile viewing, or elevation platform, for fly-fishing/game guiding.







impact resistant
dagger
boards

Mast, sail and rigging components

The mast and sail components are fairly standard tried and tested solutions. Utilising Harken as our principal component brand-name, the fittings have been chosen off the shelf from local supply bases (which can be sourced the world over). This is true for the sails too.

Quantum Sails offer invaluable advice and expertise with regards to the various material bases and their respective attributes. Crusoe has chosen a traditional Dacron material for the mainsail in our Classic model, while the Stealth and Rouge models boast a clear black poly

reinforced laminate. The matching jib will come as a compact self-furling system, with an optional 13.29m² roller furler screecher in clear poly laminate and bowsprit as an add-on feature.

Dagger-board components

The side mounted dagger-board, with our impact resistant friction plate kick-up design, is yet another unique in-house Crusoe solution. Not only is the dagger-board suitable for performance on upwind reaches, its retractable system means that it is well suited to shallow water too.



CRUSOE
SOUTH ISLANDS

custom design
double-hinges

Outrigger components

The folding dual outriggers sit neatly on the centre craft when in transit. Crusoe Craft's hinge system is custom manufactured in Cape Town and has been subjected to rigorous hours of use in extreme conditions on our prototype outrigger.

Each pontoon sports a walk-on non-slip spinning deck, which is made from either 6mm glassed marine ply or lightweight composite materials - depending on budget and application. In addition, three storage compartments in each pontoon add to the packing space and include two watertight dingy hatches and a self-draining flip-open centre hatch.

The pontoons also have a small flip-up fin to aid with tracking. When used for touring and floatation purposes, the craft will have stowage tubes affixed under the spinning decks that slot into a custom

mounting. These will have sealed screw ends which makes them ideal for the storage of: shade solutions, fold away rods, water bottles, mini-gas bottles, charcoal plugs, etc.

Our design team offers two unique shade and camp solutions. The first being a mini Bedouin-style stretch tent that is hoisted using the mainsail halyard and covers nearly every inch of the deck area. The second is a lightweight seam-sealed deck tent that is attached to the pontoon spinning deck and mid-ships to offer an ample dry and insect free living area.

These customized features go a long way to ensuring that be it a Sunday afternoon picnic, or a two month tour of the inter-coastal highway on the east coast of Madagascar - the crew will enjoy our well thought out attributes for years to come.







low impact
low emission

Outboard engine configurations

The outboard engine is available as a Yamaha four-stroke petrol or Torqeedo electric configuration.

You can select a lightweight 4HP, a fuel-efficient 9.9HP or a more powerful 15HP model for open water. Provision has been made for dual engine installation if so required by including a second folding transom on the port side.

The range of new-generation Torqeedo electric engines offer skippers unrivalled stealth, which is ideal for wildlife photography or fishing.

To ensure that the deep cycle batteries stay powered up throughout a lengthy undertaking, you can choose to have a small foldaway wind-powered trickle charger or portable solar panel fitted.

To add further functionality, the compact paguro 3000 Genset can be fitted to kick in automatically when power is low - operating as a diesel electric or to simply charge the battery bank when needed.



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light-weight
all terrain

Trailer configurations

Constructed using robust engineering principles, all three trailers offer a superior towing performance. Their designs run on a narrow axle system that offers improved fuel economy and 4x4 functionality. The trailers have also been specifically developed so that they can be manoeuvred with ease.

Light weight on road
dust in steel or aluminum

This fairly traditional flatbed trailer, with a well thought-out roller system, is suitable for dust roads and sports a rubber axle assembly. Load capacity varies from a 900kg un-braked to a 1600kg braked option.

Camp trailer

A 2500kg axle, increased ground clearance, heavy duty 4x4 tyres, leaf springs and off road shocks make this fully rigged camp trailer the perfect long range solution for overlanding and exploring in rural Africa, or the lakes and shorelines of other continents.

A further addition to our long-range model is a dolly constructed out of lightweight aluminium and features a central inflatable roller and oversized front wheel assembly. The 4x4 model has stone deflectors and an optional lock-away nest for a lightweight generator, while the extended dual stowage lockers on either side of each wheel act as mudguards. More optional extras include a Jerry can and gas bottle mounts, as well as spades and running boards.





CRUSOE

EDUARD



a true
african classic

credo

After France, Cape Town is the second biggest producer of multi-hull yachts in the world. And Crusoe Craft & Marine is proud to be associated with an industry who's reputation for quality and reliability puts the South African boat building industry firmly on the map.

We enjoy a close working association with a pre-eminent master boat-builder and naval architect, while our geographical location means that we are centrally situated for export on a global basis.

We look forward to your enquiries and please don't hesitate to contact us should you need more information.

Yours sincerely

Guy Joubert

Designer & Founder
Crusoe Craft & Marine



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