

# Andaman Cabriolet 39: Specification, Build Materials & Itemised Equipment / Fit-out List

- Length Overall 11.90 m
- Beam 6.05 m
- Headroom (Saloon) 1.90 m
- Headroom (Hulls) 2.00 m
- Under Wing Clearance 0.70 m
- Draft (boards up) 0.65m
- Draft (boards down) 1.7 m
- Displacement 4,500 kg
- Lightships 4,000 kg

## Materials

- Where specification states 'balsa' = ATL © Duflex Balsa Core panels
- Where specification states 'foam' = DIAB © H80 Divinycell high density foam sandwich or equivalent
- Where specification states 'epoxy' = FGI © R180 Epoxy Resin or equivalent
- Where specification states 'honeycomb' = Polycore © PVC honeycomb laminate or equivalent
- Where specification states 'plywood' = certified marine grade plywood

## Hull & deck structures

- Hull (upper and lower) – foam and epoxy using biaxial & woven fibreglass cloth
  - Exterior of hull & deck finish – gloss polyurethane; non-slip deck paint on upper surfaces
  - Deck – foam with glued and glassed alloy plates for deck fittings
  - Under wing – balsa or glassed foam
  - Main structural bulkhead and secondary bulkheads – marine ply, glassed fore and aft on hull & deck for optimum stiffness
  - Forward crossbeam – carbon fibre / epoxy laminate with stainless and aluminium fittings
  - Non-structural furniture – combination of honeycomb, marine ply, foam or balsa with epoxy & woven cloth mat
  - Cockpit, transom and internal shower floors – non-slip deck paint
- NOTE: Layup of hulls to be effected using vacuum bagging techniques as directed by DIAB, manufacturer and supplier of foam materials for the vessel's hull and deck construction.

## Rig specifications (Allyacht Spars, Australia or equivalent)

- Mast height from base: 14.40 m
- Boom length: 4.93 m
- Furler Profurl C350 or equivalent
- Prodder carbon fibre or alloy
- Chain plates – combination carbon fibre, stainless and woven fibre cloth / epoxy

## Sails (UK Halsey, Brisbane, Australia or equivalent)

- Main 45 sqm fully battened (with mainsail cover and lazy jacks)
  - Jib 26 sqm
  - Spinnaker asymmetrical 80 sqm
- \* Branding of sails will incur additional costs depending on artwork

## Steering/rudder systems

- Fold back tillers x 2 with stainless crosslink arm on roller ball cars and track
- Raymarine ST2000 TILLER Autopilot (or equivalent)

## Anchoring & mooring

- 6 x stainless steel or alloy mooring cleats 150mm
- Bow roller
- 1 x 16KG/35lb Lewmar Delta (or equivalent) anchor with stainless swivel
- 50m x 8mm short link chain and 50m 14mm rope
- Anchor bridle 3-strand rope
- Lewmar V1 G 12V RC (or equivalent) anchor winch plus deck switch & breaker

## Dinghy

- Yachtsman 3.1m Hypalon RIB (or equivalent)
- 3HP outboard engine
- Dinghy davits with pulley system fitted to transom

## Deck hardware and fittings

- 2 x Lewmar 46ST self tailing primary winches (or equivalent)
- 2 x Lewmar 40ST self tailing secondary winches (or equivalent)
- All other deck hardware Lewmar (or equivalent) as fitted to demonstration boat
- Stanchions to sides and back – stainless steel with lifelines
- Swim ladder to one side – stainless steel
- Trampolines
- Ferrari fabric mesh (or equivalent) trampolines

## Ports & hatches

- Cabin top complete with window screen and 4 x forward opening Lewmar (or equivalent) hatches
- 4 x Lewmar (or equivalent) hatches, 1 over each single and 1 over each double berth
- 8 x Lewmar (or equivalent) side opening port lights (4 each hull)
- All other locally fabricated deck hatches fitted with hinges & latches

## Antifouling & painting

- 2 x coats of epoxy undercoat
- 2 x coats of antifouling – black
- Hull paint – white + colour of choice on lower hull (custom paintwork subject to price adjustment)

## Engines

- 2 x 9.9 HP (or equivalent), 4-stroke long shaft outboard engines
- Electric remote start
- Props 3-bladed fixed
- Dual engine controls and gauges fitted to helm location
- Fuel – Petrol with CAV type pre-filters
- Engines are located under seats in cockpit in sound proof compartments with access thru seats

## Electrical

- 2 x 180AH AGM house batteries in one bank
- 1 x 35AH dedicated engine start battery
- All relevant wiring leading back to switch panels with PTC fuses
- Inverter 1000W
- 2 x 240V outlets
- LED & energy saver lighting
- 2 x 135W Kyocera (or equivalent) solar panels with regulators

## Plumbing

- Pressure water system. Shurflo (or equivalent) pumps
- Pressure water to galley, bathroom and deck shower
- 2 x 12VDC electric big bowl TMC (or equivalent) toilet
- Black water treatment system by Saniloo™ (or equivalent) fitted to each toilet
- 4 x electric bilge pumps with automatic float switches and auto/manual switch panel + alarm

## Fuel & water

- Fuel capacity: 100 ltr (portable fuel containers)
- Fresh water capacity: 600 ltr (2 x 300 ltr in-hull epoxy tanks)

## Navigation

- Raymarine ST60+ Wind System (or equivalent)
- Raymarine ST60+ Tridata System (or equivalent)
- Raymarine RW A50 - 5" CHARTPLOTTER (or equivalent)
- Standard Horizon handheld VHF radio (or equivalent)
- 2 x Compass Suunto 95mm (or equivalent)

## Safety

- 2 x 2.5kg fire extinguishers
- Fire blanket
- 1 x gas detector in galley
- Spotlight 12V 100W
- 2 x Lifebuoys (or equivalent)

## Accommodation

- 2 x double cabins (1.95 m [6.4ft] depth)
- 2 x single cabins (bow)
- Zip Sunbrella (or equivalent) door to each cabin
- 1 x double convertible (saloon)

## Berths

- High density foam mattresses
- Cupboards
- Reading lights
- Hatch & side ports
- Fans 12VDC (double x 2 fans, single x 1 fan)

## Shower / toilets

- 2 x shower/toilets (aft hulls), including:
  - Epoxy / honeycomb moulded cupboard unit with shelves
  - Composite / epoxy moulded sink
  - 1 x wall mounted mirror
  - 1 x combination tap/shower unit with flexible hose
- Shower bilge pump (manual)
- Opening side port
- Lighting
- 1 x zip screen door (waterproof PVC one side) – locally manufactured, Sunbrella (or equivalent)

## Saloon/cockpit

- Retractable 'soft' roof section over saloon – locally manufactured, stainless steel & Sunbrella (or equivalent)
- Awning over cockpit – locally manufactured, Sunbrella (or equivalent) with stainless steel fixing posts
- Fitted settee in saloon to port
- Table (removable to cockpit)
- Insert with cushion to convert saloon seating to double berth
- Aft zippered doors/screen – local manufacture, Sunbrella (or equivalent)
- 2 x iceboxes in aft beam
- 2 x concealed garbage bins in aft beam
- Ample cockpit seating with Sunbrella (or equivalent) covered cushions. Saloon table relocatable to cockpit

## Galley

- Galley to starboard of saloon with fitted cupboards and floor
- 2-burner stove, SMEV (or equivalent)
- Mini Grill, SMEV (or equivalent)
- Stainless steel sink, SMEV (or equivalent)
- Stainless steel tap
- Fridge / freezer, Waeco 12vDC
- 'Lazy Susan' carousel storage fitted under galley counter
- 1 x 4.5kg LP gas bottle (located in forward wet locker servicing galley)

## General

- Timber fiddles on various edges throughout the saloon and hulls
- Internal finish gloss
- Lighting – LED and/or energy saver lights
- Laminated teak effect flooring in hulls and saloon

*All weights and measurements herein are approximate. Specification subject to change. Final binding specifications will be attached to purchase agreement. Changes to specification after contract are subject to buyer's approval.*

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