

DISCOVER THE WORLD

EXPLORER

MOTOR YACHTS



SPECIFICATION

1.1 PRINCIPAL PARTICULARS

Length overall	18.14 metres
Length of waterline	15.74 metres
Beam	5.2 metres
Draught	1.53 metres
Displacement	29.3 tons
Water capacity	1,514 litres
Fuel capacity	5,320 litres
Holding tank	390 litres
Range	approx 600 – 1,000 miles

SUBJECT TO ENGINE SELECTION

MAIN ENGINE

Two Cummings engines, QSB5.9-480HP (ZF85A). Heat exchangers, fresh water cooling, engine overheat, low oil pressure alarms, engine instrumentation for both lower and upper helm stations – two vessel view and analogue gauges for both helm stations. Electronic engine controls.

GENERATOR

One ONAN of 17.5 KW 220V 50 Hz including sound shield, water and gas separator, circuit breaker and meter controls on the generator and lower helm station for start/stop, engine hours, volts, etc.

THRUSTERS

Bow: 1 x 24v Sidepower bow thruster SEP150/250T with twin propellers and joystick controls for two stations.
Stern: 1 x 24v Sidepower stern thruster SEP150/250T with twin propellers and joystick controls for two stations.

1.2 GENERAL CONSTRUCTION

- 1 Gelcoat: Scot Bader white with barrier coat. Brush gelcoat.
- 2 Hull will be end grain balsa/foam coring from above waterline. Main deck, house and flybridge moulded fiberglass - flybridge with sandwich construction using honey cone. (Lamination as per designer spec).
- 3 FRP fuel tanks with baffles and cleaning manholes.
- 4 FRP or stainless steel water tanks with baffles and cleaning manholes.
- 5 Interior soles solid teak throughout. (Same as 52C10).
- 6 Teak interior trim.
- 7 Frameless window frame with grey safety glass.
- 8 Three or four windows to be opening (sliding) including galley window with inside window screens.
- 9 Three or four oval portholes in cabin trunk in each side.
- 10 Aritex stainless steel saloon sliding door and aluminium Aritex door for pilot house split door.
- 11 Cabin headliner in white vinyl.
- 12 One stainless steel deck hatch on main deck for master cabin (MANSHIP).
- 13 FRP and then rubber/stainless steel rub rail on hull and around the swimming platform.
- 14 Engine exhausts from transom side or aft – maybe underwater if space allows.
- 15 All through hull fittings and plumbing to have access hatches to the respective bilge areas. Automatic DC lighting to be fitted to bilges.
- 16 Use honey cone for interior bulkhead
- 17 Add single-way valve for all seacocks – chrome/stainless steel skin fittings
- 18 Curved handrail down to accommodation

1.3 ACCOMMODATION AND INTERIOR

- 1 Hand rubbed teak paneling and carpentry in all spaces.
- 2 Marine grade plywood throughout.
- 3 Flush cabinetry throughout with styling bead.
- 4 Solid teak flooring throughout (except master and guest head showers which shall be FRP with teak grating).
- 5 Solid teak in head floor with high gloss varnish.
- 6 Soft vinyl (white colour) headliners with padding – removable panel type attached to the ceiling with Velcro.
- 7 High quality 70% gloss varnish for interior finish.
- 8 Southco door locks for saloon and cabin doors.
- 9 Hella dimmer light switches and Gewiss AC outlets.
- 10 1-1/2" foam and lead sound insulation to be used throughout the engine room including bulkheads with aluminium white cladding and grey rubber non-skid floor with heat resistant glue.
- 11 Teak wheel for lower station and for upper station.
- 12 Colour choice for interior leather sofas. Teak blinds, leather sofas from a Pinghu maker. Mattress covers included in the price. Sunbrella exterior vinyl cushions also included in the purchase price.
- 13 Suitable access hatches in forward accommodation to access all areas of the bilge. Automatic DC lighting to be supplied to bilge areas where there is an access hatch.

- 14 All furniture including beds, tables, sofas, etc are to have smooth rounded comers and all the cabinet doors and drawers to be flush style.
- 15 High gloss fiddles.
- 16 Air-conditioning outlets to be groove design from pelmet.
- 17 All doors to be properly secured in open position.
- 18 One access from saloon to engine room with ladder plus additional access from lazarette through watertight door.
- 19 All bulkheads below deck to have watertight through bulkhead fittings.

1.4 MAIN DECK

- 1 FRP swimming platform with teak deck on top.
- 2 Teak in the aft cockpit and along both side decks to the first steps. Non-skid (small diamond pattern) FRP foredeck.
- 3 Stainless steel sliding swimming ladder under swimming platform from Suzhou.
- 4 One FRP transom door and one FRP door on port and starboard side bulwark.
- 5 FRP bow pulpit with twin stainless steel rollers.
- 6 MUIR anchor winch (HR 3500 Jaguar) anchor windlass with wiring/solenoid and circuit breaker. (NB all wiring to be suitable for the application.) Windlass to be controlled from three stations. Lower helm station and flybridge helm station to have MUIR auto anchor chain counters. Foot switches for up/down next to bow locker.
- 7 Three Hella LED courtesy lights positioned port/starboard bow coaming to light up anchoring arrangement.
- 8 Total of 16 Hella LED courtesy lights with 8 port and 8 starboard.
- 9 80lbs stainless steel plough anchor.
- 10 Fresh and salt water wash down bow and aft deck with stainless steel taps.
- 11 Bow and stern stainless steel staffs.
- 12 One FRP box on aft deck with Isotherm model no:B253.
- 13 FRP coming with thick stainless steel strip with chosen rub rail.
- 14 1-1/4" stainless steel stanchions highly-polished with middle rails and hex screws.
- 15 Hot and cold transom shower in aft deck.
- 16 Two shore power connections.
- 17 Fuel, oil, fresh water inlets and waste discharge to be recessed into superstructure so that they are not on deck.
- 18 Sufficient stainless steel fairleads and cleats - cleats with two bow, two midships and two aft (custom design).
- 19 Suitable scuppers/drains with logo (Internal).
- 20 FRP stairs from aft deck to flybridge with teak laid on top. Hella LED lights fitted to each step.
- 21 One hatch in aft deck with gas struts for access to lazarette. Stainless steel steps with teak steps. Grey rubber floor.
- 22 Hella LED lights for side decks and under flybridge.
- 23 Standard Hella LED courtesy lights as per drawing, same as 52C10.
- 24 Fusion package as follows:
Fusion MS-AV600G CD/radio with iPod dock
Two remote (MS-MR600C)
One amplifier (MS-AM702)
Six speakers (MS-FR702).

- 25 Install high pressure washer forward and aft deck.
- 26 Stainless steel U-shaped railing on swim platform – 4 pieces.
- 27 Hella dimmer switches in cockpit.
- 28 24V rope lighting around beds and head ceiling, ceiling treatment in saloon and under both sofas and under galley.
- 29 Storage box on bow in FRP w/vent, stainless steel rail and cushion.

1.5 FLYBRIDGE

- 1 Teak on flybridge from seating (See drawing).
- 2 Helm station in the middle with two stainless steel cup holders.
- 3 Standard full engine instrumentation and alarms (see "Main Engines").
- 4 Storage in flybridge brow.
- 5 Hydraulic steering (Hynautic).
- 6 Cummins electronic engine controls same as 60C06
- 7 Stainless teak wheel.
- 8 Ritchie 5" compass.
- 9 Stainless steel windshield with tinted lexan.
- 10 FRP radar arch with hard top. Two white waterproof stereo speakers fitted both sides of the arch plus three Hella LED red night lights forward.
- 11 Port/starboard navigation lights LED. Anchor light LED.
- 12 Flybridge seating as drawing with total six stainless steel cup holders.
- 13 FRP cabinet with FRP sink/ foldable faucet and electric BBQ plus one U-line combo ice maker/fridge with hinged top. Cut-off switch for BBQ.
- 14 Plastic grating inside seating.
- 15 Two FRP or teak tables with Marine Tech Hi-Lo STS200-300 stainless steel post.
- 16 Sunbrella cushions (removable) with foam.
- 17 ADC 350kg davit with heavy duty 12V wiring for davit and circuit breaker.
- 18 Two helm chairs (Aritex) with white vinyl.
- 19 Stainless steel three-piece sliding hatch from aft deck to flybridge.
- 20 1-1/4" stanchions with suitable gates, etc for davit.
- 21 Suitable water drainage with logo (internal).
- 22 12V cable and FRP support for optional search light.
- 23 Three waterproof AC sockets and two 12V socket at helm.
- 24 Custom stainless steel support for hardtop.
- 25 Six Hella LED lights in hard top/radar arch.
- 26 2 x stainless steel handholds under hardtop.
- 27 Stainless steel dinghy cradle.

1.6 PILOT HOUSE

- 1 Complete engine instrumentation and alarms.
- 2 Engine hour meters.
- 3 Hydraulic trim tabs from Bennett with dual rams.
- 4 Electric air horn with twin trumpet.
- 5 Two DC outlets 12V.
- 6 Three electric windshield wipers and washers (double arm wipers) (Exalto) with synchronized control.
- 7 Cummins electronic engine controls.
- 8 Hydraulic steering (Hynautic).

- 9 12V / 220V wiring system throughout, switchboard with circuit breakers (BEP AC and DC panel) Volt Amp meters, etc. Panel to be colour coded and numbered. Four spare circuit breakers for AC and DC.
- 10 Fixed clear windows forward with thickness to meet CE requirements.
- 11 Ritchie 5" Compass.
- 12 Helm seat from Navigator wasp (Marine Tech).
- 13 Stairway with hand rail down to accommodation.
- 14 WEMA fuel and water gauges.
- 15 Three Hella LED red light.
- 16 Lower helm chair and lower helm dash to be ultra leather.
- 17 Teak handholds on ceiling.
- 18 Solid wood steering wheel.
- 19 Two x opening hatches (Lewmar size 10).
- 20 Sofa in pilot house to be a pull out berth.

1.7 SALOON

- 1 Built-in U-shaped settee with leather trim on sofas included.
- 2 Marine Tech stainless steel Hi-lo table with four-way slider and teak table with drawers.
- 3 Insect screens on all opening windows and portholes.
- 4 Special window locks.
- 5 TV antennae outlet to be fitted as required.
- 6 Starboard side cabinet with Manship electronic controlled TV lift, 32" TV, sofa both sides are optional. (Buyers choice of layout)
- 7 Solid teak sole.
- 8 Middle hatch to access engine room with ladder. Gas struts fitted to the hatch.
- 9 Overhead spotlights to be 12V spotlights by Hella LED.
- 10 Headliner to be removable and attached with Velcro and to be new vinyl white colour.
- 11 All furniture and bulkheads to be teak.
- 12 Stainless steel push knobs for all drawers throughout the interior.
- 13 Air conditioning outlets in pelmet.
- 14 AC outlets (five doubles).
- 15 Four Cantalupi zeus wall lights.
- 16 Fusion package.
- 17 Teak handholds on ceiling.
- 18 Double wall windows.
- 19 Standard ceiling treatment in saloon.
- 20 Teak blinds for saloon window and aft saloon door need to be at least two pieces with guides for saloon door

1.8 GALLEY

- 1 Staron bench top including counter.
- 2 Galley faucet to be Grohe.
- 3 SMEG four burner electric hob.
- 4 SMEG microwave/convection oven plus Aritex pot holder.
- 5 Double stainless steel sink.
- 6 Isotherm fridge model number CR 200 without screws showing.

- 7 Drawers and cabinets all flush style with beading.
- 8 Overhead locker for storage cabinet with rounded/curved end.
- 9 Dometic cook hood.
- 10 Push knobs for all cabinets and drawers.
- 11 Fittings for cups / plates and crockery.
- 12 Two double AC outlets – Gewiss.
- 13 Storage bin with opening from superstructure.
- 14 Lazy Susan in corner unit (Hafele).
- 15 Hafele storage units.
- 16 Dishwasher in galley Fisher & Paykel.

1.9 PORT GUEST CABIN

- 1 Double berth or single berths.
- 2 Cedar lined hanging locker with automatic Hella LED light.
- 3 Teak sole.
- 4 Two 24V Hella LED reading lights.
- 5 24V Hella LED spot lights.
- 6 Vinyl headliner removable attached with Velcro.
- 7 Mattresses 6" foam fabric covered.
- 8 Door with Southco lock.
- 9 Push knobs for cabinets and drawers.
- 10 Two double AC outlets.
- 11 Air conditioning outlet.
- 12 TV aerial socket.

1.10 FORWARD VIP CABIN

- 1 Island berth with drawers below.
- 2 Cedar lined hanging locker with automatic Hella LED lights.
- 3 Teak sole.
- 4 Two 24V Hella LED reading lights.
- 5 24V Hella LED spot lights.
- 6 Vinyl headliner attached with Velcro.
- 7 Mattress 6" foam and fabric covered.
- 8 Door with Southco chrome lock.
- 9 Push knobs for cabinets and drawers.
- 10 AC outlets.
- 11 Air-conditioning outlet.
- 12 TV aerial socket.
- 13 Ocean air screen for hatch.

1.11 STARBOARD GUEST CABIN

- 1 All teak with mirrored floating ceiling and 12V light.
- 2 Hella LED spotlights.
- 3 Shower stall with Grohe shower faucet.
- 4 Safety glass shower door with logo.
- 5 Staron counter top with clear glass sink and faucet.
- 6 Shower faucets.
- 7 Shower sump tank.

- 8 Mirror (bevelled).
- 9 Tecma silence flush low profile with fresh water flush.
- 10 Three-way valve for direct/deck discharge or to holding tank.
- 11 Exhaust blower – EC Smith.
- 12 Push knobs for cabinets and drawers.
- 13 High gloss teak grating in shower.
- 14 High quality bathroom fittings.
- 15 Usable storage cabinet below sink.
- 16 Granite floor same as 60C05.

1.12 MASTER CABIN (FULL WIDTH)

- 1 Queen bed with four drawers.
- 2 Mattress 8" thick foam with fabric covering.
- 3 Prepare wiring and socket for optional TV.
- 4 CD/radio with two ceiling speakers.
- 5 Cedar lined wardrobes with automatic Hella LED light.
- 6 Teak sole.
- 7 Vinyl headliner removable with Velcro.
- 8 24V Hella LED spotlights.
- 9 Two Hella LED reading lights either side of the island bed.
- 10 Push knobs for cabinets and drawers.
- 11 Southco door lock.
- 12 Large stainless steel portholes with storm cover.
- 13 AC outlets.
- 14 Air conditioning outlet.
- 15 Fabric covered behind bed.
- 16 Ceiling treatment as 60C06.
- 17 Vanity unit as 60C06.

1.13 MASTER ENSUITE HEAD

- 1 Teak walls, floating mirrored ceiling with rope lighting.
- 2 High gloss teak grating.
- 3 Safety glass shower door with logo.
- 4 Three-way valve for direct or holding tank or deck to be conveniently placed.
- 5 Shower sump tank.
- 6 STARON counter top.
- 7 Shower and sink faucet.
- 8 24V Hella LED spotlights.
- 9 Tecma head fresh water flush with anti-siphon.
- 10 Exhaust blower – EC Smith.
- 11 Push knobs for cabinets/drawers.
- 12 AC outlets.
- 13 Usable storage cabinets.
- 14 FRP shower cubicle.
- 15 Clear glass sink with Grohe faucet.
- 16 One set quality bathroom fittings.
- 17 Granite floor in head.

1.14 ENGINE ROOM/MACHINERY SYSTEMS

- 1 Engine exhausts to exit transom or side – maybe underwater if space allows.
- 2 Flexible couplings for shaft/engine connection.
- 3 Grey rubber floor but with teak in the middle (heat resistant glue).
- 4 Groco internal raw sea water strainers suitable for engines.
- 5 Twin large Racor fuel filters with gauges for main engines with water alarms.
- 6 One Racor fuel filter for generator.
- 7 AQUA stainless steel shafts.
- 8 PYI dripless stern glands.
- 9 Heavy duty stainless steel underwater brackets with outlass bearings.
- 10 Four-bladed propellers (Hung Sheng C class) – CNC Machined rudders stainless steel blades/stainless steel shafts with FRP rudder tubes.
- 11 FRP wet mufflers.
- 12 Good quality exhaust black colour tubing.
- 13 Hydraulic hydraulic steering.
- 14 12V DC engine room blowers and air intake vents. Moisture eliminators with two fan inlets and two outlets.
- 15 Superior engine room soundproofing material (1-1/2" foam and lead).
- 16 White aluminium perforated sheets to cover all bulkheads and fuel/water tanks, etc.
- 17 Five automatic electric bilge pumps. Engine room bilge pumps high water alarms (Rule).
- 18 Henderson MK V manual bilge pump flush mounted in cockpit.
- 19 Stainless steel fuel manifold and fuel return manifold.
- 20 FRP fuel tanks with baffles (to be tested to 5 PSI).
- 21 FRP or stainless steel water tanks with baffles (to be tested to 5 PSI).
- 22 Sight gauges, self closing cocks and tank vents fitted to fuel and water tanks.
- 23 Fuel tanks to have cross over valve.
- 24 Rubber fuel lines.
- 25 Blue hard plastic for cold fresh water.
- 26 Red hard plastic for hot fresh water.
- 27 White hard plastic for sea water. (Water pipes on FRP pads off the hull).
- 28 Cummins electronic engine controls.
- 29 Seacocks on all through hulls below water line (bronze/stainless steel good quality seacocks).
- 30 Double hose clamps on all pipes.
- 31 Pressurised fresh water system (Jabsco with combined pressure tank).
- 32 One x 200 amp 12V Japanese battery for generator starting to be housed in FRP box and securely fastened.
- 33 Two x 200amp 12V Japanese batteries for each engine starting to be housed in FRP box securely fastened.
- 34 Three x 200amp 12V Japanese batteries for house to be housed in FRP box and securely fastened.
- 35 Two x 200amp 12V Japanese battery for bow thruster housed in FRP box and securely fastened.
- 36 Battery disconnect switch (electric).

- 37 Battery parallel switch to combine house batteries to engine starting batteries.
- 38 Mastervolt/Newmar 12V 3000W battery charger/ inverter with 100 amps charging.
- 39 Mastervolt/Newmar charger/master 12V/70-3.
- 40 Copper bonding throughout.
- 41 FRP maintenance-free rudder tubes.
- 42 Stainless steel rudder blades.
- 43 FRP muffler for main engines.
- 44 Fresh water outlet with hose forward bulkhead of engine room.
- 45 Tool cabinet (Lazarette).
- 46 Oil confinement under engines.
- 47 Black exhaust hose for main engines.
- 48 12V engine isolation switches (motorised).
- 49 FRP sewage holding tanks for grey and black water with macerator pump for dockside or overboard discharge.
- 50 Six DC lights in engine room and two DC lights in lazarette.
- 51 All bilge pumps to be hot wired directly to the batteries.
- 52 12V sump pumps for showers.
- 53 All pipings are to be securely supported and braced to prevent damage by vibration, etc.
- 54 Stainless steel safety guards around both engines.
- 55 Oil Reverso 12 VDC fitted for both main engines and generator.
- 56 Dockside water connection (Par).
- 57 Stainless steel tank for spare new oil.
- 58 Terminal boards to be as waterproof as possible.
- 59 Fresh water hose.
- 60 BEP marine sonic tank senders and multi-display.
- 61 Stainless steel polished engine beds. All skin fittings above waterline to be chrome or stainless steel (shell/clam type outlet).
- 62 Engine sea water intake to have change over for emergency bilge pump.
- 63 Stainless steel fender holder in crew cabin.
- 64 One water tight doors from Arifex.

1.15 ELECTRICAL SYSTEM

- 1 All wiring to be double sheathed, conduit and numbered on the control panel for wiring.
- 2 220V AC and 12V VDC cables to have distinctive colour code for easy identification and to be numbered.
- 3 All cable ratings are to be in excess of the maximum load current. Isolate switches for all 220V appliances; air conditioner inverter charger, batteries, water heater. RCD fitted after all 220V appliances such as shore power, generator, inverter and charger.
- 4 Two 220V 32 amp shore power inlets. Shore power indication to show on main electrical panel.
- 5 Electrical panel to have device for interlock between shore supply connection and the generator supply.
- 6 BEP main switch panel.
- 7 Five units reverse cycle marine air-conditioning systems (Dometic).

- 8 Two x 24,000 BTU for main saloon.
- 9 One x 12,000 BTU for master cabin.
- 10 Two x 12,000 BTU for guest cabins.
- 11 All circuit breakers to be of adequate size for the application.
- 12 The boat shall be grounded throughout including all seacocks.
- 13 Upgrade to Hella LED interior spotlights package.
- 14 Hella dimmer switches in cockpit.
- 15 24V rope lighting around beds and head ceiling, ceiling treatment in saloon and under both sofas and under galley.
- 16 DC/AC converters for 12V equipment

1.16 FIREFIGHTING EQUIPMENT

- 1 Automatic engine room firefighting system by Sea-Fire Model FD 700M.

1.17 MISCELLANEOUS

- 1 Zinc anodes on rudders, shafts and transom.
- 2 Emergency tiller securely fastened.
- 3 Steering gear compartment to be well ventilated.
- 4 Interlux protect 2000E system with epoxy protection (two coats).
- 5 International primer and black anti-fouling (two coats).
- 6 Black boot stripe 5/6" with 1" gap and then the black anti-foul

NOTE: CE REQUIRED FOR EUROPE

ALL WEIGHTS AND MEASUREMENTS ARE APPROXIMATE

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SPECIFICATIONS

All weights and measurements are approximate. Explorer Motor Yachts are built to CE conformity and carry the plates and documentation. Please note that as specifications are under constant review and can change, actual fittings may differ from those listed herein.

DECLARATION

All prices quoted are ex Explorer Motor Yachts HK. Explorer Motor Yachts or its authorised dealer will not be liable "in contract or otherwise" for any loss resulting from the inaccuracy of any information contained in this document. Appropriate deposits paid to Explorer Motor Yachts at time of order will establish firm pricing.

TANK CARE

For useable capacity do not rely on more than 90% of tank capacity. Actual usual capacity will vary according to boat trim and sea state.