

DISCOVER THE WORLD

# EXPLORER

MOTOR YACHTS

# 46

SEDAN

## SPECIFICATION

### 1.1 PRINCIPAL PARTICULARS

Length overall	14.80 metres
Length of waterline	12.25 metres
Beam	4.40 metres
Draught	1.05 metres
Displacement	18.60 tons
Water capacity	1,325 litres
Fuel capacity	1,839 litres
Holding tank	303 litres

### MAIN ENGINE

Available with single or twin engine option, please refer to price list.

### GENERATOR

1 x Onan of 7.0 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.

## 1.2 GENERAL CONSTRUCTION

- 1 White gelcoat.
- 2 Hull, main deck, house and flybridge moulded fiberglass.
- 3 Flybridge with sandwich construction using coring.
- 4 FRP Fuel tanks with baffles and cleaning manholes.
- 5 FRP water tanks (FDA approved gelcoat) with baffles.
- 6 Interior soles teak and holly throughout except the engine room.
- 7 Teak interior trim.
- 8 Rounded frameless window frame with safety grey tint glass.
- 9 Four windows to be opening (sliding) including galley window with mosquito screen.
- 10 Four oval stainless steel port holes in the cabin trunk with mosquito screen.
- 11 Stainless steel saloon door and aluminium starboard side door from (Aritex).
- 12 Cabin headliner in cream vinyl.
- 13 One deck hatch on main deck for master cabin (Lewmar).
- 14 All holes cut into the bulkheads for hoses/wiring etc to pass through shall have a well rounded rubber grommet to protect wiring and hoses etc. This also applies to the ceiling throughout the boat.
- 15 FRP rub rail.
- 16 Engine / generator exhausts from Transom.
- 17 All through hull fittings to be stainless steel and plumbing to have access hatches to the respective bilge areas.

## 1.3 GENERAL (ACCOMMODATION AND INTERIOR)

- 1 Hand rubbed teak panelling and carpentry in all spaces.
- 2 Marine grade plywood throughout.
- 3 Flush cabinetry throughout, new style with detail.
- 4 Teak and holly flooring throughout (except shower which shall be white FRP).
- 5 Soft vinyl (cream colour) headliners with padding. Removable panel type attached to the ceiling with Velcro.
- 6 High quality 70% gloss varnish for interior finish.
- 7 Good quality door locks for saloon and Southco door lockers for cabin doors.
- 8 AC outlets and switches from Vimar.
- 9 Foam and lead sound insulation to be used throughout the engine room including bulkhead.
- 10 Teak and stainless wheel for lower station and stainless steel for flybridge.
- 11 Fabrics: ultra leather for sofa is standard.
- 12 Fabric for curtains, mattress covers included in the price.
- 13 Exterior local vinyl cushions also included in the price.
- 14 Suitable access hatches in forward accommodation to access all areas of the bilge with light.

- 15 Air conditioning outlets to be groove design with air con outlets in saloon and forward accommodation. 5 pelmet outlets.
- 16 All doors to be properly secured in open position.
- 17 Access to engine room under the hinged companion way steps (NB extra sound proofing door is optional).
- 18 One saloon hatch to engine room with ladder and gas strut.
- 19 Hella LED interior spot lights.

## 1.4 MAIN DECK

- 1 FRP Swimming platform with teak laid deck on top. Attached to transom with stainless steel supports.
- 2 Teak laid deck on the aft deck and side decks to forward side deck step.
- 3 Non-skid forward of side deck steps and flybridge
- 4 Teak laid deck on top of the FRP stairs to flybridge.
- 5 Stainless steel swimming ladder (Suzhou).
- 6 One FRP Transom door and two FRP side bulwark doors (one each side).
- 7 FRP bow pulpit with stainless steel plate and twin stainless steel rollers.
- 8 Muir anchor winch (HR 2500 Cheetah) with suitable circuit breaker.
- 9 Windlass to be controlled from three stations.
- 11 Lower helm station and flybridge helm station to have MUIR auto anchor chain counters.
- 12 Foot switches for up/down next to bow locker.
- 13 Three Hella LED lights positioned at the bow to light up anchoring arrangement.
- 14 45lbs stainless steel Bruce anchor.
- 15 Fresh and salt water wash down bow and aft deck.
- 16 Bow and stern stainless steel sockets on rails with teak staff.
- 17 Teak cap rail (unpainted).
- 18 1 1/4" stainless steel stanchions highly polished with stainless steel hex screws.
- 19 Hot and cold transom shower in aft deck.
- 20 2 x shore power connections. One by pilothouse and one in aft cockpit (Marinco).
- 21 Fuel oil and fresh water inlets to be recessed into superstructure so that they are not on deck.
- 22 Sufficient stainless steel fairleads and cleats - Fairlead/cleat – 2 bow, 2 mid ships and 4 aft.
- 23 Suitable scuppers/drains.
- 24 Engine air intake port and starboard amidships on the superstructure with FRP dorade.
- 25 Hatch in aft deck with rubber gasket and stainless steel gas struts to lazarette. Stainless steel ladder with teak steps for access to the lazarette.
- 26 Hella LED lighting for side decks and flybridge.

- 27 Hella LED courtesy lights for the two steps amid ships port and starboard including flybridge steps and next to anchoring system.
- 28 Ice cabinet in the cockpit.

## 1.5 FLYBRIDGE

- 1 Non skid deck on flybridge.
- 2 Helm station in the middle.
- 3 Standard full engine instrumentation and alarms (see "Main Engines").
- 4 Storage in flybridge brow.
- 5 Hydraulic steering (hynaotic).
- 6 Electronic engine controls DTM.
- 7 Stainless steel steering wheel.
- 8 Compass (Ritchie).
- 9 Stainless steel windshield with tinted or clear lexan.
- 10 FRP radar arch with FRP hardtop and four Hella dimmerable LED exterior lights.
- 11 FRP housing for port/starboard navigation lights (Hella LED navigation lights).
- 12 FRP seating with 5 Hella LED lights (seating incorporated into flybridge mould).
- 13 FRP wet bar with stainless steel sink plus foldable faucet and electric BBQ, U -Line combo ice maker/fridge with hinged FRP top and automatic kill switch for BBQ plus stainless steel splash back.
- 14 One FRP table with hi-low stainless steel post.
- 15 White vinyl (local) cushions (removable) with foam.
- 16 Heavy duty 12 V wiring for davit.
- 17 One single helm chair from Springfield (Sliding optional at extra cost USD250.00).
- 18 Stainless steel Aritex hatch with Acrylic from aft deck to flybridge with three locking handles plus 2 stainless steel gas struts.
- 19 1 1/4" highly polished stainless steel stanchions.
- 20 Suitable water drainage.
- 21 12V Cable and FRP support for search light.
- 22 Bennett trim tab dual ram with indicators.
- 23 3 Hella LED red night lights under hardtop with dimmer switch.
- 24 Binoc holders each side of flybridge with glass holding.

## 1.6 LOWER HELM STATION

- 1 Complete engine instrumentation and alarms.
- 2 Engine hour meters.
- 3 Electric horn with single trumpet.
- 4 Bennett trim tab dual ram with indicators.
- 5 DC outlet.
- 6 Three electric windshield wipers and washers (TMC).

- 7 Electronic engine controls DTM.
- 8 Hydraulic steering (Hynautic).
- 9 12V / 220V wiring system throughout, switchboard with circuit breakers (AC and DC combined panel) volt amp meters etc. Wiring to be color coded and numbered. Acrylic cover for AC with warning sign.
- 10 Spare circuit breakers for AC and DC. Subject to availability.
- 11 Fixed windows forward (clear safety glass) and vinyl (same as for the ceiling) behind the windscreen.
- 12 WEMA fuel and water gauges.
- 13 All electrical wiring to comply with current Australian regulations.
- 14 3 Hella LED red night lights with dimmer switch.

## 1.7 SALOON

- 1 Built in "L" or "U" shaped settee port side, no cabinet.
- 2 Starboard side entertainment center.
- 3 Hi-lo table with stainless steel base.
- 4 TV Cable and outlet in saloon to be fitted (Note: TV antenna supplied by dealer).
- 5 Teak and holly sole.
- 6 Cream headliner to be removable and attached with Velcro and to be new vinyl.
- 7 All furniture and bulkheads to be teak.
- 8 Push knobs for all drawers throughout the interior (Seaworld).
- 9 Valance for all windows with standard curtain fabric.
- 10 4 single AC outlets.
- 11 2 handrails in the ceiling.
- 12 32" TV with Manship TV lift.

## 1.8 GALLEY

- 1 Staron bench top.
- 2 Galley faucet (Delong).
- 3 Smeg 4 burner electric (ceramic) hob.
- 4 Smeg microwave/convection oven.
- 5 One double and one single AC outlets.
- 6 Double stainless steel sink.
- 7 Isotherm Fridge/Freezer two door model CR 200.
- 8 Drawers and cabinets all flush style with new detail.
- 9 Overhead locker for storage cabinet with rounded/curved end.
- 10 Exhaust blower.
- 11 Teak and holly sole.
- 12 Push knobs for all cabinets and drawers (Seaworld).
- 13 Fittings for cups / plates and crockery.

## 1.9 PORT GUEST CABIN

- 1 Two single berths.
- 2 Cedar lined hanging locker with automatic Hella LED light.
- 3 Small table with drawer between the two single berths.
- 4 Teak and holly sole.
- 5 Two Hella LED reading lights.
- 6 Mattresses 6" foam fabric covered.
- 7 Push knobs for cabinets and drawers (Seaworld).
- 8 Two single AC outlets.
- 9 Door lock (Southco).

## 1.10 HEAD

- 1 Teak with Acrylic floating mirrored ceiling with 12V rope lights.
- 2 Shower stall with hot and cold water faucet.
- 3 Staron counter top with stainless steel sink and faucet.
- 4 Large FRP shower sump tank.
- 5 Bevelled mirror.
- 6 Tecma electric head (fresh water) with direct/overboard discharge or to FRP holding tank. Switching valve to be conveniently located.
- 7 Two way valve for holding tank direct or dockside discharge.
- 8 Exhaust blower.
- 9 Push knobs for cabinets and drawers (Seaworld).
- 10 FRP Floor with teak grating in shower and frosted safety glass door (not bi-fold).
- 11 High gloss floor in the head.
- 12 Door lock (Southco).
- 13 Frosted safety glass door (not bi-fold) for head.

## 1.11 MASTER CABIN

- 1 Island bed with four drawers fitted under.
- 2 Mattress 8" thick soft foam.
- 3 TV Antenna outlet.
- 4 Cedar lined wardrobes with automatic Hella LED light.
- 5 Teak and holly sole.
- 6 Two Hella LED reading lights either side of the island bed.
- 7 Push knobs for cabinets and drawers (Seaworld).
- 8 Door lock (Southco).
- 9 Three single AC outlets.
- 10 Bevelled mirror on bulkhead.

## 1.12 ENGINE ROOM / MACHINERY SYSTEMS

- 1 Non skid white FRP flooring.
- 2 Engine exhausts to exit transom via FRP lift mufflers.
- 3 Groco internal raw sea water strainers (suitable size for engines and generator).
- 4 Twin Racor fuel filters with gauges for main engine(s).
- 5 One Racor fuel filters for generator.
- 6 High quality stainless steel shaft (2").
- 7 Dripless stern gland (PYI).
- 8 Propeller (Hung Sheng S class).
- 9 Rudder stainless steel blade/stainless steel shaft.
- 10 Hynautic Hydraulic steering.
- 11 One 12 V DC Engine room blower.
- 12 Superior engine room sound proofing material - foam and lead with white aluminium cladding.
- 13 White aluminium perforated sheets to cover all bulkheads and fuel/water tanks.
- 14 4 x automatic Rule 12V electric bilge pumps. Engine room bilge pumps high water alarm.
- 15 Manual bilge pump (TMC).
- 16 Stainless steel fuel manifold and fuel return manifold.
- 17 FRP fuel tanks with baffles.
- 18 FRP water tanks with baffles.
- 19 Sight gauges with cocks and tank vents for fuel and water tanks.
- 20 Fuel tanks to have cross over valve.
- 21 Rubber fuel lines CE approved.
- 22 Color coded plastic pipes: blue for cold fresh water, red for hot fresh water and white for sea water.
- 23 Seacocks on all through hulls below water line (bronze).
- 24 Double hose clamps on all pipes.
- 25 20 gallon hot water tank (Seaward) with engine heating coil and 220v electric heater.
- 26 Pressurized fresh water system (par with combined pressure tank).
- 27 1 x 100 amp 12 V battery for generator starting to be housed in FRP box and securely fastened.
- 28 1 x 200 amp 12 V battery for engine starting to be housed in FRP box securely fastened.
- 29 2 x 200 amp 12 V batteries for house to be housed in FRP box and securely fastened.
- 30 1 x 200 amp 12 V battery for bow thruster housed in FRP box and securely fastened.
- 31 BEP motorised switch.
- 32 Battery parallel switch to combine house batteries to engine starting batteries for emergency.
- 33 Mastervolt 50amp (3 bank) battery charger.
- 34 1 x DC exhaust blower outlet.

- 35 Copper bonding throughout.
- 36 FRP tube with bearing and seals for rudder.
- 37 Stainless steel rudder blades.
- 38 Fresh water outlet with hose forward bulkhead of engine room.
- 39 FRP sewage holding tank 80gals with macerator pump for deck or overboard discharge with one safety valve.
- 40 Hella LED DC lighting in engine room.
- 41 All bilge pumps to be wired directly to the batteries.
- 42 12V sump pump for shower.
- 43 Stainless steel safety guard around engine.
- 44 Dockside water connection (Par).
- 45 Bennett trim tabs dual ram with indicators.

## 1.16 MISCELLANEOUS

- 1 Zinc anodes on rudders, shafts and transom (and trim tabs if ordered).
- 2 Emergency tiller, secured in lazarette.
- 3 Interlux protect 2000E system with epoxy protection 2 coats.
- 4 International primer and Black anti-fouling 2 coats.
- 5 Black boot stripe.

## 1.13 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 color code for easy identification and numbered.
- 3 All cables rating are to be in excess of the maximum load current.
- 4 Two 220 V 32 amp shore power inlet. Shore power indication to show on main electrical panel (16amp shore power for Norway).
- 5 Electrical panel to have device for interlock between shore supply connection and the generator supply.
- 6 BEP main switch panel.
- 7 12 V heavy duty wiring for davit on the flybridge.
- 8 All electrical AC sockets to be Vimar.
- 9 All circuit breakers to be of adequate size for the application.
- 10 The boat shall be grounded throughout including all sea cocks etc.
- 11 Isolation switches for all 220V equipments in engine room and lazarette, RCD fitted after all 220V AC input including shore power.
- 12 50 amp Galvonic isolator.
- 13 All electrical wiring to comply with current Australian regulations.

## 1.14 NAVIGATION EQUIPMENT

- 1 Optional.

## 1.15 FIREFIGHTING EQUIPMENT

- 1 Automatic and manual engine room fire fighting system by Sea fire (Model FD 400 MA) to meet Australia regulations.

**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.