

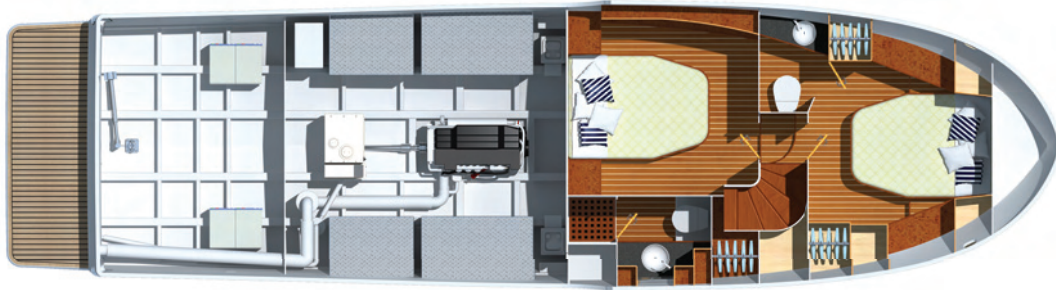


EXPLORER 48 PILOTHOUSE



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FLOOR PLANS



SPECIFICATIONS

Length overall (inc. swim platform & bow roller)	14.55m	47ft 9in
Beam OA	4.16m	13ft 8in
Maximum Draft	1.39m	4ft 7in
Displacement	17 tonnes (approx)	
Fuel Capacity	1,500 litres	
Water Capacity	1,100 litres	
Holding Tank Capacity	378 litres	
Standard Engines	480hp 6.7 QSB Cummins	
Generator - Onan	7.0Kw 220v 50Hz	
Bow Thruster	220kgf Vetus or 12v Side Power	



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OVERVIEW

Clippers Explorer Series of pilothouse motor yachts introduces a ground breaking new design capturing all the desired features of the larger models in a 48 footer. For those that want a true blue water long range cruiser in a live aboard package then this new vessel will deliver the accommodation, design and space to meet the brief. A clever saloon and galley arrangement incorporates a large u-shaped dinette and twin tub chairs on the same level as a galley which you would expect to find in a much larger motor yacht, a perfect area for relaxing at anchorage after a day's cruising.

Our naval architects and interior designers have collaborated to deliver a spacious full width master cabin amidships featuring an island bed to ensure those long passages and lazy days at anchor are as comfortable as possible. Oversized mid ship portholes allow for opening and a great view wherever you wake up. There is also a separate guest cabin which can be fitted with queen size bed or twin bunks and also has a separate ensuite attached. We have even designed an alternate layout which gives you a straight staircase to the pilothouse and down to the cabins for those who wish to eliminate a curved companionway set of stairs to the accommodation area. This layout allows for a second ensuite including separate a large stand up shower should you feel this alternate plan suits your needs.

Clippers proven semi-displacement keeled hull design with proven shaft drive technology is incorporated into our newest model, standard power is a single Cummins 480 HP diesel QSB series or optional twin engines are available depending on what your desired cruising and sprint speed are. Either way you can power the 48 up to achieve an overall speed in excess of 20 knots (estimated) or have a large single engine configuration for maximum range and economy with an optional APU auxiliary propulsion system.

Choose from traditional teak cabinetry and trim or customise your new Explorer 48 Pilothouse with American Walnut or Aniegro woods in a modern and contemporary internal fit out, the team at Clipper will work with you to achieve your perfect custom layout and finish.

The new Explorer is well equipped and combining all the attributes of larger passage makers into a 48ft package for ease of handling and maintenance. No dream destination or port will be out of sight with Clippers latest motor yacht.

STANDARD SPECIFICATIONS

CONSTRUCTION

- Gel Coat exterior - white
- Hull, main deck, house and flybridge molded fiberglass
- Flybridge with sandwich construction
- FRP Fuel and water tanks with baffles and cleaning manholes
- Interior soles teak and holly throughout except the engine room
- Teak/Anigrie interior trim
- Stainless steel saloon door
- 2 x white painted Aluminum side doors split type
- Rounded frameless window with grey safety glass
- Four windows to be opening (sliding) including galley window with inside window
- Mosquito screens
- Standard rectangular port holes in the cabin trunk window with mosquito screens
- Cabin Headliner in cream vinyl

- One deck hatch on main deck for master cabin
- Stainless steel rub rail
- All through hull fittings and plumbing to have access hatches to the respective bilge areas
- 4 x Portholes (Master cabin) 24" x 10"

ENGINE AND MECHANICAL INSTALLATIONS

- Cummins QSB 6.7 480HP / 3300rpm with Cummins ETS controls - Optional twin engines
- 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.
- Bow thruster 12v Side Power or Vetus 220KGF Twin Prop
- Stern thruster - Side Power or Vetus 220KGF Twin Prop (single engine only)
- Engine exhaust to exit transom via lift muffler with larger outlet



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- Trim tabs Bennett (4812DSRS) - with gauges
- Grey rubber non-skid flooring for engine room sole & lazarette
- Teak grating between engines
- Groco internal raw sea water strainer (suitable size for engine)
- Twin Racor fuel filters for main engine
- One Racor fuel filter for generator
- Stainless steel shaft
- P.Y.I dripless stern gland
- Heavy duty bronze underwater brackets with cutlass bearings
- Propellers 4 bladed (Hung Sheng S class)
- Rudder stainless steel blade/stainless steel shaft
- Hynautic Hydraulic steering
- 12 VDC Engine room blowers & air intake vents
- Superior engine room sound proofing material - foam & lead
- White aluminum perforated sheets to cover all bulkheads and fuel/water tanks etc
- Four automatic electric bilge pumps. Engine room bilge pumps high water alarm
- Manual bilge pump in aft cockpit
- Stainless steel fuel manifold & fuel return manifold
- FRP fuel tanks with baffles (to be tested to 5 PSI)
- FRP Water tanks with baffles (to be tested to 5 PSI)
- Sight gauges, self closing cocks and tank vents fitted to fuel and water tanks
- Fuel tanks to have cross over valve
- Rubber fuel lines
- Blue cold fresh water plumbing
- Red hot fresh water plumbing
- White sea water plumbing (all FDA approved)
- Sea cocks on all through hulls below water line (BRONZE good quality seacocks)
- Double hose clamps on all pipes
- 76 litre hot water tank (Seaward) heat via engine and 220v immersion heater
- Pressurized fresh water system (PAR or Shurflo with combined pressure tank)
- 1 x 100amp 12 V battery for generator starting to be housed in FRP box & securely fastened
- 1 x 200amp 12 V batteries for each engine starting to be housed in FRP box securely fastened
- 2 x 200amp 12 V batteries for house to be housed in FRP box & securely fastened
- 1 x 200amp 12 V battery for bow thruster housed in FRP box & securely fastened
- 1 x 200amp 12 V battery for stern thruster housed in FRP box & securely fastened (standard on single engine only)
- Motorized battery disconnect switch for house batteries
- Battery parallel switch to combine house batteries to engine starting batteries
- Battery charger 80 amp/inverter 2,000w
- Copper bonding throughout
- FRP rudder tube
- Stainless steel rudder blade
- FRP muffler for main engine (larger outlet)
- Fresh water outlet with hose forward bulkhead of engine room
- • FRP drip tray under engines, gearbox and fuel tanks
- Motorized 12 V engine isolation switches
- FRP holding tank with macerator pump for overboard discharge and deck fitting for pumpout station
- Six DC lights in engine room (Hella LED)
- All bilge pumps to be hot wired directly to the batteries with visual alarms for lower and flybridge helm
- Large FRP shower sump box (connect both showers to one box, discharge overboard or holding tank via diverter)
- All pipings are to be securely supported and braced to prevent damage by vibration
- Stainless steel safety guards around both engines
- Dockside water connection (Par)

Tank capacities are total volume, usable capacity will vary due to boat trim and sea state. Do not rely on more than 90% of tank volume being usable

MAIN DECK

- FRP Swimming platform with teak laid on top
- Teak decks on aft deck and side decks to forward steps
- Non skid forward deck
- High quality Suzhou swimming ladder fitted under swimming platform (4 steps in water)
- One FRP Transom door and one FRP door each side bulwark
- FRP bow pulpit with twin stainless steel rollers
- Muir anchor winch (HR 2500) with anchor windlass wiring and circuit breaker (N.B. all wiring to be suitable for the application)
- Anchor locker with two deck hatches
- Windlass to be controlled from three stations
- Lower helm station and flybridge helm station to have MUIR remote auto anchor chain counters
- Foot switches for up/down next to Bow locker
- Two Hella LED lights positioned port/starboard bow coaming to light up anchoring arrangement



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- 66lbs Bruce stainless steel anchor – 100m 10mm chain
- Fresh & Salt water wash down bow and aft deck
- Bow & stern staff
- Teak caprail (oil or varnish is optional)
- 316 stainless steel stanchions highly polished with Hex screws
- Hot and cold transom shower in aft deck
- Two shore power connections – One in aft deck – one next to starboard saloon door
- Fuel oil and fresh water inlets to be recessed into superstructure so that they are not on deck
- Sufficient stainless steel fairleads and cleats - Fairlead/cleat – two bow, two mid ships, two aft (Explorer ROMAN cleat for bow) and two on transom
- Suitable scuppers/drains
- FRP Integral stairs from aft deck to flybridges - Hella LED lights fitted to each step
- Engine air intake port and starboard amidships on the superstructure with dorade
- Hatch with rubber gasket in aft deck with stainless steel gas struts for access to lazarette
- Grey rubber flooring in lazarette as per the engine room
- Hella LED lights for side decks and under flybridge/hard top
- Hella LED Lights for the two steps amid ships port & starboard including flybridge steps and next to anchoring system

ELECTRICAL

- All wiring to be double sheathed, conduited and numbered on the control panel for wiring
- Automatic DC lighting to be fitted to bilges
- 220V AC and 12V VDC cables to have distinctive color code for easy identification & numbered
- All cables rating are to be in excess of the maximum load current
- 2 x 220V shore power inlets. Shore power indication to show on main electrical panel
- Electrical panel to have device for interlock between shore supply connection and the generator supply
- BEP main switch panel
- Four units split type reverse cycle marine air-conditioning systems from Dometic
- 1 x 24,000 BTU for main saloon
- 1 x 18,000 BTU for master cabin
- 1 x 12,000 BTU for guest cabin
- All circuit breakers to be of adequate size for the application

- The boat shall be grounded throughout including all sea cocks etc
- Galvanic isolator

PILOTHOUSE

- Complete engine instrumentation and alarms
- Engine hour meters
- Hydraulic trim tabs from Bennett with dual rams (4812DSRS) and guage
- Electric air horn with single trumpet
- DC outlet
- Bow and stern thruster controls
- Three electric windshield wipers and washers (double arm wipers)
- Cummins electronic engine controls
- Hydraulic steering (Hynautic)
- 12V / 220 V wiring system throughout, switchboard with circuit breakers (AC & DC combined panel) Volt amp meters etc. Panel to be color coded and numbered. Four spare circuit breakers for AC & DC when possible BEP Marine (all electrical wiring to meet Australian standards)
- Fixed windows forward
- Quality cream vinyl headlining
- Compass (Ritchie)
- Timber stairway to accommodation
- WEMA fuel and water gauges
- Sofa in ultra-leather
- Teak table
- Premium helm seats
- Chart area with chart light
- 3 x Hella LED Red night lights
- 2 x small Lewmar hatches in pilothouse
- Auto anchor chain counter

FLYBRIDGE

- FRP cabinet on flybridge with sink, faucet, and fridge
- Non skid on flybridge (small diamond pattern)
- Central helm station
- Standard full engine instrumentation and alarms
- Storage in flybridge brow
- Hydraulic steering (Hynautic)
- Trim tab controls with guage
- Cummins electronic engine controls
- Engine monitoring gauges
- Stainless steel steering wheel
- Bow and stern thruster controls



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- Auto anchor chain counter
- Compass (Ritchie)
- Auto Pilot
- Stainless steel windshield with tinted lexan or acrylic - sealed with clear sealant
- FRP radar arch with FRP hard top with SS support
- Hella LED Navigation lights
- Seating as per drawing with sufficient Hella LED lights
- One FRP or teak table with stainless steel post
- Silvertex fabric cushions (removable)
- 2 x premium helm seats
- Stainless steel sliding flybridge hatch
- Suitable water drainage
- 12V DC outlet
- 12V Davit and stainless steel tender cradle (350kg)

GENERAL - ACCOMODATION AND INTERIOR

- Teak or Anigrie paneling and carpentry in all spaces
- Flush cabinetry throughout with new detail
- Amtico flooring throughout
- Soft vinyl (cream color) headliners with padding – removable panel type attached to the ceiling
- High quality varnish for interior finish
- Good quality door locks saloon and cabin doors (Southco)
- Light switches and AC outlets (Vimar or similar)
- Foam and lead sound insulation to be used throughout the engine room including bulkheads
- Teak wheel for lower station and stainless steel for upper station
- Color choice for interior fabrics – Ultra leather for sofas
- Exterior silvertex cushions also included
- Air-conditioning outlets to be groove design with air-con outlets in saloon and forward accommodation
- All doors to be properly secured in open position
- Engine access hatch with gas strut and stainless steel ladder

SALOON

- Built in U-shaped settee with Ultra leather trim on all interior sofas (buyer's choice of color and style)
- Hi-lo table
- Insect screens on all opening windows
- TV antennae outlet to be fitted as required (cable to be run to hardtop)
- 32" TV
- Teak & holly sole
- Starboard side entertainment cabinet or sofa or tub chairs

- Hatches to access engine room with SS ladder and teak steps - gas struts fitted to the hatches
- Overhead spot lights to be 12V Hella LED spot lights
- Headliner to be removable, finished in cream vinyl
- All furniture and bulkheads to be Teak or Aniegrie
- Vimar AC outlets
- Companion way steps Hella LED courtesy lights

GALLEY

- Staron bench top
- Insect screen on all openings
- Galley faucet
- Smeg 4 burner electric Hob
- Smeg microwave/convection oven
- Vimar AC outlets
- Double stainless steel sink
- Isotherm fridge/freezer – Cruise Inox CR200
- Drawers and cabinets all flush style with new detail
- Overhead locker for storage cabinet with rounded/curved end
- Exhaust blower
- Amtico sole
- Push knobs for all cabinets & drawers (Seaworld)
- Fittings for cups/plates and crockery
- Air-conditioning outlets

MASTER CABIN

- Queen bed
- Mattress 8" thick soft foam with fabric covering
- Insect screens on all opening port holes including hatch
- Cedar lined wardrobes with Hella LED automatic light
- Amtico sole
- Vinyl headliner removable
- Hella LED spot lights
- 2 x Hella LED reading lights either side of the island bed
- Southco door lock
- Vimar A/C outlets
- Air-conditioning outlets

MASTER ENSUITE HEAD

- Teak/Anigrie with floating mirror ceiling
- White Shower stall with shower faucet
- Insect screens on port holes
- Staron counter top with sink and faucet
- Large shower sump tank
- Bevelled mirror
- Tecma fresh and salt water electric head
- Southco door locker



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- Three way valve for direct/deck discharge or to holding tank
- Exhaust blower
- High gloss teak floor grating
- Shower door with 'Clipper' logo
- Bathroom Fittings

FORWARD GUEST CABIN

- Island bed with drawers fitted under
- Cedar lined hanging locker with Hella LED automatic light
- Insect screens to be fitted to port holes
- Amtico sole
- 2 x Hella LED reading lights
- Hella LED spot lights
- Vinyl headliner removable attached
- Mattresses 6" foam fabric covered
- Southco door lock
- Vimar AC outlets
- Air-conditioning outlets
- Escape Hatch (Lewmar)

GUEST HEAD

- Teak/Anigrie with floating mirror ceiling
- White shower stall with high gloss teak grating
- Insect screens on port holes
- Staron counter top with sink and faucet
- Shower faucets
- Large shower sump tank
- Mirror (bevelled)
- Tecma fresh and salt water electric head
- Three way valve for direct/deck discharge or to holding tanks
- Exhaust blower
- Hella LED lights
- Shower door, safety glass with Explorer logo
- Bathroom Fittings

MISCELLANEOUS

- Zinc anode on rudder, shaft and transom and trim tabs
- Emergency tiller secured in lazarette
- Steering gear compartment to be well-ventilated
- Black antifouling x 2 coats
- Antifouling – Jotun or International brand
- Black boot stripe with 1" gap and then the black antifoul
- Safety gear (including jackets, v sheet, flares and epirb)
- Deck ropes x 4 and fenders x 3

FIRE FIGHTING EQUIPMENT

- Automatic & Manual Sea Fire FD 400 MA fire extinguisher
- Fire blanket
- Hand held extinguishers for galley and cabins

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** All prices quoted etc are ex Clipper Motor Yachts Australia office at Gold Coast City Marina, Queensland, Australia

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

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